

Equipment Price List for December 2018



Ditch Witch®



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Prices effective 12/1/2018 - Supersedes all previous price lists - Prices subject to change without notice



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Configuration Placeholders

Changes since the November 1, 2018 price list:

Effective December 1, 2018

DITCH WITCH EQUIPMENT

PED	MSS	PLOW	TRENCHER	HDD	VAC	Stand-alone
C12X	ST37X	VP30	RT45	JT5	MV800	100SXH
C14	R300		RT55H	JT10	FX20	410SX
C16	SK600		RT80T4	JT20	FX25	P80
C16X	SK755		RT80Q	JT20XP	FX30	MR90
C24X	SK800		RT100	JT25	HX30	
C30X	SK1050		RT105	JT30	FX50	
	SK1550		RT120	AT30	HX50	
			RT120Q	JT40	FX65	
			RT125	AT40	HX75	
			RT125Q	JT60	FXT50	
			HT275	AT60	FXT65	
				JT100*		
				AT100*		
				FT5		
				FM5X		
				FM13X		
				FM25X		
				XP44		

*JT/AT100 will result in quoting a Tier 4i unit. If needing to quote a Tier 3 or Tier 4 final, please contact your RM.



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COMPACT EQUIPMENT

- **C12X**
- **C14**
- **C16**
- **C16X**
- **C24X**
- **C30X**
- **ST37X**
- **R300 ZAHN**
- **100SXH**
- **VP30**
- **410SX**
- **RT45 (less regulated)**
- **RT45 (highly regulated)**
- **SK600**
- **SK755**
- **SK800**
- **SK1050**
- **SK1550**



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C12X

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Removed:

350-5371 GPS ONLY FOR GPS-READY

240-1118 1 Year Data Service Plan GPS ONLY



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C12X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C12X** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C12X** basic unit includes the following:

- Honda® GX390 gasoline engine (12hp net) (Rope start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- Long track, short track ground drive system, no trail wheel
- All Bearings – Maintenance Free

C12X STANDARD #1

C12X Base Unit

Includes: Base Assembly, 12HP Honda Engine, Production Decal Kit

C12X Ground Drive Motor

C12X Chain Drive Motor

C12X Head Shaft Sprocket 35K

C12X No RW

Total \$10,506.01 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit \$16.02 R

ISO Decal Kit \$24.70 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ACCESSORIES**

190-2575	WEIGHTS - 1F/1R - PEDESTRIAN TIRE	see counterweighting requirements below	\$152.04	C
190-2580	WEIGHTS - 4F/3R - PEDESTRIAN TIRE	see counterweighting requirements below	\$378.21	C
190-2581	WEIGHTS - 4F/4R - PEDESTRIAN TIRE	see counterweighting requirements below	\$424.74	C
190-2566	BACKFILL BLADE KIT		\$378.75	D
190-2569	EC KIT - TIRE UNIT		\$34.63	C
190-2200	C12/C12X UPTIME KIT		\$41.72	B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 8 Gallons \$564.12 R



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C12X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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COUNTERWEIGHT CHART TIRE UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application. Install all applicable front and rear counterweights to the right side of the unit.

Option	Chain Type	Additional Counterweights Required
24 inch boom	Duratooth® Cup 35K 2P: 4 in width	8 (4 on the front, 4 on the rear)
	Duratooth® Cup 35K 2P: 6 in width	8 (4 on the front, 4 on the rear)
	Combo 35K 2P: 4 in width	8 (4 on the front, 4 on the rear)
	Combo 35K 2P: 6 in width	8 (4 on the front, 4 on the rear)
	Shark II 35K 2P: 4 in width	7 (4 on the front, 3 on the rear)
	Shark II 35K 2P: 6 in width	7 (4 on the front, 3 on the rear)

PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)

140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03	C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3"	(For all 3" configurations)	\$331.01	C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4"	(For all 4" configurations)	\$341.51	C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6"	(For all 6" configurations)	\$362.53	C

Trench Cleaner - See Trencher Options

TRENCHER OPTIONS**PIVOT STUBS**

145-562	PIVOT STUB (1 9/16" X 14.75")	(Required for 24" Boom)	\$57.24	C
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BOOMS

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Boom Requires 52P Chain (35K)



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C12X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain \$80.00 A

Install trench cleaner \$80.00 A

Install tachometer/hour meter \$80.00 A

Install Roto-Witch® boring attachment \$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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C14

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Removed:

350-5371 GPS ONLY FOR GPS-READY

240-1118 1 Year Data Service Plan GPS ONLY



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C14

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C14** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C14** basic unit includes the following:

- Briggs & Stratton® 2100 series gasoline engine (13.5hp net) (Rope start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- 360 degree pivoting trail wheel
- Flat-free drive tires and trail wheel
- All Bearings – Maintenance Free
- Donaldson® remote air filter

C14 STANDARD #1

C14 Base Unit

Includes: Basic Assembly, Production Decal Kit, C14 Briggs Engine

C14 Ground Drive Motor

C14 Chain Drive Motor

C14 Head Shaft Sprocket 35K

C14 Tire Assembly

Total \$8,976.44 R**C14 BASIC UNIT**

C14 Base Unit

Includes: Basic Assembly, Production Decal Kit, C14 Briggs Engine

C14 Tire Assembly

C14 Ground Drive Motor

C14 Chain Drive Motor

C14 Head Shaft Sprocket 35K

\$8,976.44 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$32.63 R

ISO Decal Kit

\$41.52 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ACCESSORIES**

190-2576	WEIGHTS - 2F/2R -PEDESTRIAN TIRE	see counterweighting requirements below	\$242.94	C
190-2578	WEIGHTS - 3F/4R - PEDESTRIAN TIRE	see counterweighting requirements below	\$379.29	C
190-2580	WEIGHTS - 4F/3R - PEDESTRIAN TIRE	see counterweighting requirements below	\$378.21	C
190-2566	BACKFILL BLADE KIT		\$378.75	D
190-2569	EC KIT - TIRE UNIT		\$34.63	C
190-2426	C14 UPTIME KIT		\$47.48	B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	ENVIRONMENTAL HYDRAULIC OIL	
	Environmental Oil	8 Gallons \$564.12 R

COUNTERWEIGHT CHART TIRE UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application. Install all applicable front and rear counterweights to the right side of the unit.

Option	Chain Type	Additional Counterweights Required
24 inch boom	Duratooth® Cup 35K 2P: 4 in width	7 (3 on the front, 4 on the rear)
	Duratooth® Cup 35K 2P: 6 in width	7 (3 on the front, 4 on the rear)
	Combo 35K 2P: 4 in width	7 (3 on the front, 4 on the rear)
	Combo 35K 2P: 6 in width	7 (3 on the front, 4 on the rear)
	Shark II 35K 2P: 4 in width	7 (4 on the front, 3 on the rear)
	Shark II 35K 2P: 6 in width	7 (4 on the front, 3 on the rear)

PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)

140-1373	DANGER RESTRAINT BAR (18") (OAL 23.8")	(For 18" boom)	\$21.31	C
140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03	C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3"	(For all 3" configurations)	\$331.01	C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4"	(For all 4" configurations)	\$341.51	C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6"	(For all 6" configurations)	\$362.53	C
	Trench Cleaner - See Trencher Options			

TRENCHER OPTIONS**PIVOT STUBS**

140-1391	SHORT PIVOT STUB	(Required for 18" Boom)	\$24.31	C
145-562	PIVOT STUB (1 9/16" X 14.75")	(Required for 24" Boom)	\$57.24	C

BOOMS

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Boom Requires 52P Chain (35K)



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C14

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain

\$80.00 A

Install trench cleaner

\$80.00 A

Install tachometer/hour meter

\$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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C16

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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C16

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C16** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C16** basic unit includes the following:

- Briggs & Stratton Vanguard® gasoline engine (16hp net) (electric start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- 360 degree pivoting trail wheel
- Flat-free drive tires and trail wheel
- All Bearings – Maintenance Free
- Hydraulic oil cooler

C16 STANDARD #1

C16 Base Unit

Includes: Basic Assembly, Production Decal Kit, C16 Vanguard Engine

C16 Ground Drive Motor

C16 Chain Drive Motor 195CC

C16 Head Shaft Sprocket 35K

C16 Tire Assembly

Total \$10,290.73 R**C16 BASIC UNIT**

C16 Base Unit

Includes: Basic Assembly, Production Decal Kit, C16 Vanguard Engine

C16 Tire Assembly

C16 Ground Drive Motor

C16 Head Shaft Sprocket 35K

\$9,866.37 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$32.63 R

ISO Decal Kit

\$41.56 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**HYDRAULIC DRIVE MOTOR OPTIONS (Select one)**

C16 Chain Drive Motor 195CC - 195CC - (Low Speed)

\$424.36 R

C16 Chain Drive Motor 140CC - 140CC - (High Speed)

\$424.36 R



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Effective December 1, 2018

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ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D

ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A

ACCESSORIES

190-2577	WEIGHTS - 2F/1R - PEDESTRIAN TIRE	see counterweighting requirements below	\$198.57	C
190-2579	WEIGHTS - 3F/2R - PEDESTRIAN TIRE	see counterweighting requirements below	\$287.30	C
190-2582	WEIGHTS - 4F/5R - PEDESTRIAN TIRE	see counterweighting requirements below	\$470.19	C
190-2583	WEIGHTS - 5F/6R - PEDESTRIAN TIRE	see counterweighting requirements below	\$563.24	C
190-2566	BACKFILL BLADE KIT		\$378.75	D
190-2569	EC KIT - TIRE UNIT		\$34.63	C
190-2430	C16/C16X UPTIME KIT		\$66.54	B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	8 Gallons	\$564.12	R
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COUNTERWEIGHT CHART TIRE UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application. Install all applicable front and rear counterweights to the right side of the unit.

Option	Chain Type	Additional Counterweights Required
24 inch boom	Duratooth® Cup 35K 2P: 4 in width	5 (3 on the front, 2 on the rear)
	Duratooth® Cup 35K 2P: 6 in width	5 (3 on the front, 2 on the rear)
	Combo 35K 2P: 4 in width	5 (3 on the front, 2 on the rear)
	Combo 35K 2P: 6 in width	5 (3 on the front, 2 on the rear)
	Shark II 35K 2P: 4 in width	5 (3 on the front, 2 on the rear)
	Shark II 35K 2P: 6 in width	5 (3 on the front, 2 on the rear)
30 inch boom	Duratooth® Cup 35K 2P: 4 in width	9 (4 on the front, 5 on the rear)
	Duratooth® Cup 35K 2P: 6 in width	9 (4 on the front, 5 on the rear)
	Combo 35K 2P: 4 in width	9 (4 on the front, 5 on the rear)
	Combo 35K 2P: 6 in width	9 (4 on the front, 5 on the rear)
	Shark II 35K 2P: 4 in width	11 (5 on the front, 6 on the rear)
	Shark II 35K 2P: 6 in width	11 (5 on the front, 6 on the rear)

PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)

140-1373	DANGER RESTRAINT BAR (18") (OAL 23.8")	(For 18" boom)	\$21.31	C
140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03	C
140-1375	DANGER RESTRAINT BAR (30") (OAL 35.8")	(For 30" boom)	\$28.71	C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3"	(For all 3" configurations)	\$331.01	C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4"	(For all 4" configurations)	\$341.51	C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6"	(For all 6" configurations)	\$362.53	C

Trench Cleaner - See Trencher Options

**CONFIDENTIAL****C16****SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHER OPTIONS**PIVOT STUBS**

140-1391	SHORT PIVOT STUB	(Required for 18" Boom)	\$24.31 C
145-562	PIVOT STUB (1 9/16" X 14.75")	(Required for 24" and 30" Boom)	\$57.24 C

BOOMS**Select Boom from Booms - Compact Equip Price List****CHAIN ASSEMBLIES****Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List**

24" Boom Requires 52P Chain (35K)

30" Boom Requires 62P Chain (35K)

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain \$80.00 AInstall trench cleaner \$80.00 AInstall tachometer/hour meter \$80.00 A**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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C16X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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C16X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C16X** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C16X** basic unit includes the following:

- Briggs & Stratton Vanguard® gasoline engine (16hp net) (electric start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- Long track, short track ground drive system, no trail wheel
- All Bearings – Maintenance Free
- Hydraulic oil cooler

C16X STANDARD #1

C16X Base Unit

Includes: Basic Assembly, Production Decal Kit, C16X Vanguard Engine
C16X Ground Drive Motor
C16X Chain Drive Motor 195CC
C16X Head Shaft Sprocket 35K
C16X No RW

Total \$11,281.50 R

C16X STANDARD #2

C16X Base Unit

Includes: Basic Assembly, Production Decal Kit, C16X Vanguard Engine
C16X Ground Drive Motor
C16X Chain Drive Motor 140CC
C16X Head Shaft Sprocket 35K
C16X No RW

Total \$11,281.50 R

C16X BASIC UNIT

C16X Base Unit

Includes: Basic Assembly, Production Decal Kit, C16X Vanguard Engine
C16X Ground Drive Motor
C16X Head Shaft Sprocket 35K

\$10,680.94 R

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$32.63 R

ISO Decal Kit

\$41.56 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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C16X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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HYDRAULIC DRIVE MOTOR OPTIONS (Select one)		
	C16X Chain Drive Motor 195CC (Low Speed)	\$414.00 R
	C16X Chain Drive Motor 140CC (High Speed)	\$414.00 R

ROTOWITCH OPTIONS (Select one)		
	C16X No RW	\$186.56 R
	C16X RW	\$1,780.30 R
NOTE: For boring tools, refer to the Roto Witch® boring attachment price list		

ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		

ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		

ACCESSORIES

190-2571	WEIGHT KIT - CX 35K SHARK II- 36"	see counterweighting requirements below	\$481.54	C
190-2564	BACKFILL BLADE KIT- PEDESTRIAN		\$378.75	D
350-5043	OPTION - EC16X		\$21.46	D
190-2430	C16/C16X UPTIME KIT		\$66.54	B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	11 Gallons	\$770.24	R
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COUNTERWEIGHT CHART TRACK UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application.

Option	Chain Type	Additional Counterweights Required
36 inch boom	Shark II 35K 2P: 4 in width	8 (4 on each side)
	Shark II 35K 2P: 6 in width	8 (4 on each side)

PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)			
140-1373	DANGER RESTRAINT BAR (18") (OAL 23.8")	(For 18" boom)	\$21.31 C
140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03 C
140-1375	DANGER RESTRAINT BAR (30") (OAL 35.8")	(For 30" boom)	\$28.71 C
140-1376	DANGER RESTRAINT BAR (36")	(For 36" boom)	\$32.40 C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3"	(For all 3" configurations)	\$331.01 C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4"	(For all 4" configurations)	\$341.51 C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6"	(For all 6" configurations)	\$362.53 C
Trench Cleaner - See Trencher Options			



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C16X

**SUGGESTED PRICE LIST
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Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHER OPTIONS**PIVOT STUBS**

140-1391	SHORT PIVOT STUB	(Required for 18" Boom)	\$24.31 C
145-562	PIVOT STUB (1 9/16" X 14.75")	(Required for 24", 30" and 36" Boom)	\$57.24 C

BOOMS

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Boom Requires 52P Chain (35K)

30" Boom Requires 62P Chain (35K)

36" Boom Requires 68P Chain (35K)

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain \$80.00 A

Install trench cleaner \$80.00 A

Install tachometer/hour meter \$80.00 A

Install Roto-Witch® boring attachment \$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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C24X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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C24X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C24X** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C24X** basic unit includes the following:

- Honda® GX690 gasoline engine (22hp net) (electric start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- Long track, short track ground drive system, no trail wheel
- All Bearings – Maintenance Free
- Hydraulic oil cooler
- Remote high capacity fuel tank
- Donaldson® remote air filter

C24X STANDARD #1

C24X Base Unit

Includes: Basic Assembly, Production Decal Kit, C24X Honda Engine
C24X Ground Drive Motor
C24X Chain Drive Motor 195CC
C24X Head Shaft Sprocket 35K
C24X No RW

Total \$13,802.01 R

C24X STANDARD #2

C24X Base Unit

Includes: Basic Assembly, Production Decal Kit, C24X Honda Engine
C24X Ground Drive Motor
C24X Chain Drive Motor 195CC
C24X Head Shaft Sprocket 35K
C24X No RW

Total \$13,400.00 R

C24X BASIC UNIT

C24X Base Unit

Includes: Basic Assembly, Production Decal Kit, C24X Honda Engine
C24X Ground Drive Motor
C24X Head Shaft Sprocket 35K

\$13,199.45 R

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$32.62 R

ISO Decal Kit

\$35.25 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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C24X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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HYDRAULIC DRIVE MOTOR OPTIONS (Select one)		
	C24X Chain Drive Motor 195CC (Low Speed)	\$412.00 R
	C24X Chain Drive Motor 140CC (High Speed)	\$412.00 R

ROTOWITCH OPTIONS (Select one)		
	C24X No RW	\$185.66 R
	C24X RW	\$1,771.70 R
NOTE: For boring tools, refer to the Roto Witch® boring attachment price list		

ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		

ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		

ACCESSORIES

190-2571	WEIGHT KIT - CX 35K SHARK II- 36"	see counterweighting requirements below	\$481.54	C
190-2564	BACKFILL BLADE KIT- PEDESTRIAN		\$378.75	D
350-4712	OPTION - EC C24X-C30X		\$159.98	D
190-2435	C24X UPTIME KIT		\$63.24	B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	11 Gallons	\$770.24	R
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COUNTERWEIGHT CHART TRACK UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application.

Option	Chain Type	Additional Counterweights Required
36 inch boom	Shark II 35K 2P: 4 in width	8 (4 on each side)
	Shark II 35K 2P: 6 in width	8 (4 on each side)

PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)			
140-1373	DANGER RESTRAINT BAR (18") (OAL 23.8")	(For 18" boom)	\$21.31 C
140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03 C
140-1375	DANGER RESTRAINT BAR (30") (OAL 35.8")	(For 30" boom)	\$28.71 C
140-1376	DANGER RESTRAINT BAR (36")	(For 36" boom)	\$32.40 C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3"	(For all 3" configurations)	\$331.01 C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4"	(For all 4" configurations)	\$341.51 C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6"	(For all 6" configurations)	\$362.53 C
Trench Cleaner - See Trencher Options			



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C24X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHER OPTIONS**PIVOT STUBS**

140-1391	SHORT PIVOT STUB	(Required for 18" Boom)	\$24.31 C
145-562	PIVOT STUB (1 9/16" X 14.75")	(Required for 24", 30" and 36" Boom)	\$57.24 C

BOOMS

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

- 24" Boom Requires 52P Chain (35K)
- 30" Boom Requires 62P Chain (35K)
- 36" Boom Requires 68P Chain (35K)

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain	\$80.00 A
Install trench cleaner	\$80.00 A
Install tachometer/hour meter	\$80.00 A
Install Roto-Witch® boring attachment	\$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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C30X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

C30X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® C30X** trencher is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® C30X** basic unit includes the following:

- Briggs & Stratton Vanguard® gasoline engine (31hp net) (electric start)
- Double gear pump hydraulic system
- Independent, infinitely variable-speed hydraulic ground drive
- Easy touch ground drive controls
- Hydraulic digging chain drive and boom lift
- Long track, short track ground drive system, no trail wheel
- All Bearings – Maintenance Free
- Hydraulic oil cooler
- Remote high capacity fuel tank
- Donaldson® remote air filter

C30X STANDARD #1

C30X Base Unit

Includes: Basic Assembly, Production Decal Kit, C30X Vanguard Engine
C30X Ground Drive Motor
C30X Chain Drive Motor 195CC
C30X Head Shaft Sprocket 35K
C30X No RW

Total \$14,935.01 R

C30X STANDARD #2

C30X Base Unit

Includes: Basic Assembly, Production Decal Kit, C30X Vanguard Engine
C30X Ground Drive Motor
C30X Chain Drive Motor 140CC
C30X Head Shaft Sprocket 35K
C30X No RW

Total \$14,935.01 R

C30X BASIC UNIT

C30X Base Unit

Includes: Basic Assembly, Production Decal Kit, C30X Vanguard Engine
C30X Ground Drive Motor
C30X Head Shaft Sprocket 35K

\$14,337.35 R

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$32.62 R

ISO Decal Kit

\$40.70 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

C30X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HYDRAULIC DRIVE MOTOR OPTIONS (Select one)		
	C30X Chain Drive Motor 195CC (Low Speed)	\$412.00 R
	C30X Chain Drive Motor 140CC (High Speed)	\$412.00 R
ROTOWITCH OPTIONS (Select one)		
	C30X No RW	\$185.66 R
	C30X RW	\$1,771.70 R
NOTE: For boring tools, refer to the Roto Witch® boring attachment price list		
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		

ACCESSORIES

190-2571	WEIGHT KIT - CX 35K SHARK II - 36"	see counterweighting requirements below	\$481.54	C
190-2572	WEIGHT KIT - CX 35K CUP & ALLIGATOR - 48	see counterweighting requirements below	\$519.41	C
190-2573	WEIGHT KIT - CX 35K SHARK II - 48"	see counterweighting requirements below	\$601.00	C
190-2564	BACKFILL BLADE KIT- PEDESTRIAN		\$378.75	D
350-4712	OPTION - EC C24X-C30X		\$159.98	D
190-2440	C30X/VP30 UPTIME KIT		\$64.87	B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	11 Gallons	\$770.24	R
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COUNTERWEIGHT CHART TRACK UNITS

Weights may be required depending on configuration. Use the chart below to determine how many weights are needed for your application.

Option	Chain Type	Additional Counterweights Required
36 inch boom	Shark II 35K 2P: 4 in width	8 (4 on each side)
	Shark II 35K 2P: 6 in width	8 (4 on each side)
48 inch boom	Duratooth® Cup 35K 2P: 4 in width	9 (4 on the left, 5 on the right)
	Duratooth® Cup 35K 2P: 6 in width	9 (4 on the left, 5 on the right)
	Combo 35K 2P: 4 in width	9 (4 on the left, 5 on the right)
	Combo 35K 2P: 6 in width	9 (4 on the left, 5 on the right)
	Shark II 35K 2P: 4 in width	12 (6 on each side)
	Shark II 35K 2P: 6 in width	12 (6 on each side)



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C30X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PERSONNEL RESTRAINT BARS AND TRENCH CLEANER BARS (Select one)		
140-1373	DANGER RESTRAINT BAR (18") (OAL 23.8") (For 18" boom)	\$21.31 C
140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8") (For 24" boom)	\$24.03 C
140-1375	DANGER RESTRAINT BAR (30") (OAL 35.8") (For 30" boom)	\$28.71 C
140-1376	DANGER RESTRAINT BAR (36") (For 36" boom)	\$32.40 C
140-1377	DANGER RESTRAINT BAR (48") (OAL 54.5") (For 48" boom)	\$43.56 C
190-2586	PEDESTRIAN CRUMBER - SLIDE 3" (For all 3" configurations)	\$331.01 C
190-2562	PEDESTRIAN CRUMBER - SLIDE 4" (For all 4" configurations)	\$341.51 C
190-2563	PEDESTRIAN CRUMBER - SLIDE 6" (For all 6" configurations)	\$362.53 C
Trench Cleaner - See Trencher Options		

TRENCHER OPTIONS**PIVOT STUBS**

140-1391	SHORT PIVOT STUB (Required for 18" Boom)	\$24.31 C
145-562	PIVOT STUB (1 9/16" X 14.75") (Required for 24", 30", 36" and 48" Boom)	\$57.24 C

BOOMS

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

- 24" Boom Requires 52P Chain (35K)
- 30" Boom Requires 62P Chain (35K)
- 36" Boom Requires 68P Chain (35K)
- 48" Boom Requires 84P Chain (35K)

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories	
Install boom and chain	\$80.00 A
Install trench cleaner	\$80.00 A
Install tachometer/hour meter	\$80.00 A
Install Roto-Witch® boring attachment	\$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
From the time of confirmation, any special paint order is non-cancelable and non-returnable.
Please allow 30 days from time of order to delivery.
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

ST37X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

ST37X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® ST37X** mini skid steer is priced less all options. Select these items from the appropriate list.

The **Ditch Witch® ST37X** basic unit includes the following:

- Yanmar 3TNV88C, liquid cooled engine (37 hp gross, 35.1 hp estimated net at 3000 rpm)
EPA Tier 4, EU Stage IIIA compliant
- Variable-speed hydrostatic ground drive
- Mechanical service brake
- Multi-tach attachment plate
- Durable build and innovative design provides the industry's smoothest ride
- 860 lb. rated operating capacity

ST37X STANDARD #1

ST37X Base Unit

Includes: Basic Assembly, Production Decal Kit, Basic Sub
Dual Handle Joystick, Rubber Track, ST37X Sub

Total \$36,459.61 R**NOTE: The ST37X Trencher can not be mounted with lift arms****TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$33.61 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**LED LIGHTS (Select one)**

Dash With Lights

\$1,856.40 R

Dash Without Lights

\$1,219.92 R

ORANGE INTEL™ OPTIONS (Select one)

350-5370 GPS ONLY FOR TELEMATICS READY

\$545.90 D

350-5372 TELEMATICS

\$1,235.02 D

NOTE: Equipment Registration Activates GPS and Telematics Boxes**ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)**

240-1118 1 Year Data Service Plan GPS ONLY

\$299.40 A

240-1117 1 Year Data Service Plan Telematics

\$359.40 A

NOTE: Sold in One Year Increments**ENVIRONMENTAL HYDRAULIC OIL**

Environmental Oil

10 Gallons

\$700.05 R



CONFIDENTIAL

ST37X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ST37X TRENCHER OPTIONS		
RESTRAINT BARS (Select one)		
140-1435	FT RESTRAINT BAR (24") (OAL 43") (For 24" boom)	\$82.04 C
140-1436	FT RESTRAINT BAR (30") (OAL 48") (For 30" boom)	\$87.52 C
140-1434	FT RESTRAINT BAR (36") (OAL 51.2") (For 36" boom)	\$87.52 C
BOOMS (Optional)		
140-1409	50K BOOM ASSEMBLY (24")	\$988.57 C
140-1410	50K BOOM ASSEMBLY (30")	\$1,017.99 C
140-1411	50K BOOM ASSEMBLY (36")	\$1,057.50 C
CHAIN ASSEMBLIES		
131-117	50K 2P DURA 54P 16" (For 24" boom)	\$1,183.05 D
135-1483	50K 2P CMB DURA/SHK B 60P 12" (For 30" boom)	\$1,571.98 D
131-010	50K 2P DURA 68P 10.25" (For 36" boom)	\$1,066.19 D
135-1253	50K 2P C2X 68P 10.1" (For 36" boom)	\$1,185.62 D

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain	\$80.00 A
Install CE kit	\$40.00 A
Install silt fence	\$160.00 A
Install environmentally compatible fluids	\$213.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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R300 Zahn

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® R300 Zahn** is priced less all options. Select items from the appropriate lists.

The **Ditch Witch® R300 Zahn** basic unit includes the following:

- Kohler Command PRO CH750 air-cooled gasoline engine (30 hp gross)
- Infinitely variable-speed hydrostatic ground drive with traction assist feature
- Operator's platform
- Mechanical park brake
- Hydraulic steering
- Auxiliary hydraulic circuits
- Donaldson remote air filtration
- Back panel enclosure
- Rear fenders
- 4WD conversion manifold

R300 ZAHN STANDARD #1

R300 Base Unit

Includes: Basic Assembly, Production Decal Kit, Console, Hour Meter Kit,
Kohler Throttle Kit, Silencer Kit

Total \$12,709.80 R

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit	\$91.42	R
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ISO Decal Kit	\$23.78	R
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NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

DRIVE OPTIONS (Select one)

Tire Assy 18 X 9	\$165.85	R
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Tire Assy UF 18 X 9	\$397.17	R
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Tire Assy 18 X 8	\$201.29	R
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Tire Assy UF 20 X 10	\$610.03	R
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Tire Assy 20 X 8	\$426.16	R
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NOTE: Cannot use TIRE ASSY 20 X 8 with 190-1210 dual wheel kit

Track Assembly	\$2,911.14	R
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CONFIDENTIAL

R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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ORANGE INTEL™ OPTIONS (Select one)		
350-5369	GPS ONLY FOR NON GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$591.98 D

ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A

ACCESSORIES

190-1210	DUAL WHEEL KIT (Does not include tires/wheels; must select additional tires from above)	\$534.37 D
190-1258	WHEEL WEIGHT KIT	\$395.08 D
190-1256	4 WHEEL DUAL STOP KIT	\$119.18 D
190-1277	EC KIT (R230/R300) (Needed when mounting duals on basic unit and 1D4)	\$63.10 D
350-2439	COLD START (R300)	\$264.01 D
194-863	SPARK ARRESTER	\$20.85 C
190-1115	Attachment Power Kit	\$27.05 D
190-1765	R300 UPTIME KIT	\$89.20 B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	9 Gallons	\$618.36 R
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ZAHN COUNTERWEIGHT REQUIREMENTS

Power Unit	Front End	Description	Secondary Front End	Description	Additional Information	Urethane Tires	Wheel Weights (190-1258)	Counterweight Kit (190-1245)
R300	1BH	Backhoe				X		
	1SD	Small Dumper				X		
	1LD	Large Dumper				X		
	1LAL	Low Lift Tool Carrier	1TR4	Trencher	6"-8" Chain	X		X- 1LAL only
			1TR4	Trencher	10"-12" Chain	X	X	X- 1LAL only
			SK Adapter	Backfiller		X		X
				Harley Rake		X		X
				Pallet Forks		X		X
				Soil Cultivator		X		X
				Grading Rake		X		X
	Roto Witch®		X		X			
	1LAH	High Lift Tool Carrier	Harley Rake		X			
		Planetary Auger Driver		X				
		Auger Driver		X				
		Soil Cultivator		X				
		Tree Shear		X				



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R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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FRONT ENDS**1D4 FOUR WHEEL DRIVE FRONT END****1D4 FOUR WHEEL DRIVE FRONT END**

1D4 Base Unit

Includes: Basic Assembly, Ship Kit

\$1,818.35 R**TIRES / WHEELS (Select one)**

Tire Assy 18 X 9

\$169.07 R

Tire Assy UF 18 X 9

\$404.88 R

Tire Assy 18 X 8

\$205.20 R

Tire Assy UF 20 X 10

\$621.87 R

Tire Assy 20 X 8

\$434.44 R

Track Assembly

\$2,991.92 R

1D4 OPTIONS

190-1210 DUAL WHEEL KIT

(Does not include tires/wheels; must select additional tires from above)

\$534.37 D

190-1256 4 WHEEL DUAL STOP KIT

(Needed when mounting duals on basic unit and 1D4)

\$119.18 D

190-1258 WHEEL WEIGHT KIT

\$395.08 D

1CM CONCRETE MIXER**1CM CONCRETE MIXER - 100 GALLON**

1CM Base Unit

Includes: Basic Assembly, Production Decal Kit

\$6,669.25 R**HOPPER ASSEMBLY (Select one)**

350-5418 HOPPER ASSEMBLY (.75")

\$1,275.25 R

350-5417 HOPPER ASSEMBLY (.75" FLUSH TOP)

\$1,290.25 R

350-5377 HOPPER ASSEMBLY (1.25")

\$1,325.75 R

350-5410 HOPPER ASSEMBLY (1.25" FLUSH TOP)

\$1,340.75 R

NOTES: 1CM requires 1D4 Four Wheel Drive Front End**1CM can be mounted with all R300 Zahn tires, 1CM is not available with Track Assembly**



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R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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1LAL LOW LIFT TOOL CARRIER**1LAL LOW LIFT TOOL CARRIER**

1LAL Base Unit

\$2,551.90 R**1LAL OPTIONS**

190-1245	COUNTER WEIGHT KIT	\$253.11	D
350-1715	SK ATTACHMENT PLATE (SMALL LIFT)	\$686.65	D
350-2526	SK ATTACH PLATE (TRACKS AND SMALL LIFT)	\$725.20	D
605-0001	ZAHN ROTOWITCH KIT	\$2,096.69	D
	Shipped with: 118-097 DRILL STRING GUIDE ASSEMBLY	\$103.47	C
		\$2,200.16	

1TR4 TRENCHER**1TR4 TRENCHER**

1TR4 Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit

\$3,107.99 R**1TR4 HYDRAULIC MOTORS (Select one)**

HYD Motor 14.9 CID	14.9 CID (Low speed, high torque)	\$489.21	R
HYD Motor 11.9 CID	11.9 CID (Standard speed, standard torque)	\$514.88	R

1TR4 TRENCHER OPTIONS

190-1168	AUGER EXTENSION KIT	\$145.98	D
190-1245	COUNTER WEIGHT KIT	\$253.11	D
190-1258	WHEEL WEIGHT KIT	\$395.08	D
302-1483	TRENCHER RECEIVER PLATE	\$357.98	D
350-1715	SK ATTACHMENT PLATE (SMALL LIFT)	\$686.65	D
350-2526	SK ATTACH PLATE (TRACKS AND SMALL LIFT)	\$725.20	D
190-1284	SK ADAPTER/1TR4 HOSE KIT	\$79.02	D
190-1322	BACKFILL BLADE KIT	\$662.94	D



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R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
1VP4 VIBRATORY PLOW		
1VP4 VIBRATORY PLOW		
	1VP4 Base Unit	\$5,785.50 R
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$27.54 R
1VP4 OPTIONS		
190-2999	SOD CUTTER (KIT 1VP4)	\$65.64 D
190-220	SKID SHOE CONVERSION KIT	\$120.82 C
190-1225	REEL CARRIER (KIT 1VP4)	\$333.49 D
191-1048	DUAL REEL CARRIER KIT	\$1,065.89 C
190-1245	COUNTER WEIGHT KIT	\$253.11 D
190-1258	WHEEL WEIGHT KIT	\$395.08 D
190-1210	DUAL WHEEL KIT	\$534.37 D
300-4610	SK RECEIVER PLATE	\$301.96 D
190-1323	STANDARD SILT FENCE KIT	\$2,074.55 C
1LAH HIGH LIFT TOOL CARRIER		
1LAH HIGH LIFT TOOL CARRIER		
	1LAH Base Unit	\$4,473.46 R
ACCESSORIES		
190-1348	AUTO LATCH KIT	\$396.43 D
RESTRAINT BARS AND CLEANER BARS (Select one)		
141-337	RESTRAINT BAR (For 30" and 36" booms on 1TR4)	\$72.63 C
141-755	RESTRAINT BAR (For 48" boom on 1TR4)	\$84.68 C
141-337	RESTRAINT BAR (For 24" boom on 1TR4)	\$72.63 C
141-755	RESTRAINT BAR (For 30" boom on 1TR4)	\$84.68 C
141-156	PERSONNEL RESTRAINT BAR (For 36" boom on 1TR4)	\$168.63 C
141-157	RESTRAINT BAR (For 48" boom on 1TR4)	\$218.43 C
RESTRAINT BARS AND CLEANER BARS (Select one) (Continued)		
300-4651	CLEANER BAR (For 24" boom on 1TR4)	\$184.62 C
300-4653	CLEANER BAR (For 30" and 36" booms on 1TR4)	\$203.09 C
300-4660	CLEANER BAR (For 48" boom on 1TR4)	\$240.02 C
MECHANICAL TRENCH CLEANER (Optional)		
100-180	MECHANICAL CLEANER CONVER KIT	\$286.60 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(R300 Zahn - 35)



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R300 Zahn

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRENCH CLEANER SHOES		
141-290	CLEANER SHOE (4")	\$31.29 C
141-134	CLEANER SHOE (6")	\$38.03 C
141-135	CLEANER SHOE (8")	\$47.01 C
141-136	CLEANER SHOE (10") (1TR4 only)	\$49.73 C
141-137	CLEANER SHOE (12") (1TR4 only)	\$59.58 C

CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

- 24" Boom Requires 52P Chain
- 30" Boom Requires 62P Chain
- 36" Boom Requires 68P Chain
- 48" Boom Requires 84P Chain

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain	\$80.00 A
Install front end (1TRH, 1TRI or 1D4)	\$160.00 A
Install silt fence	\$160.00 A
Install front ends on 1D4	\$80.00 A
Install auto level kit	\$80.00 A
Install remote throttle kit	\$40.00 A
Install Roto-Witch® boring attachment	\$40.00 A
Install hour meter kit	\$40.00 A
Install dual wheel kit	\$40.00 A
Install 4 wheel dual stop kit	\$40.00 A
Install wheel weights (each)	\$40.00 A
Install CE kit	\$40.00 A
Install spark arrester	\$40.00 A
Install environmentally compatible fluids	\$284.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

100SXH

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

100SXH

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The Ditch Witch® 100SXH vibratory plow is priced less blade and options. Select these items from the appropriate lists.		
The Ditch Witch® 100SXH basic unit includes the following:		
<ul style="list-style-type: none"> • Briggs & Stratton 2100 Series gasoline engine (13.5 hp gross) • Mechanical vibratory plow drive • Hydrostatic two-wheel drive 		
100SXH STANDARD #1		
100SXH Base Unit		
Includes: Basic Assembly, Briggs & Stratton Engine, Production Decal Kit		
	18 X 9.50-8 Tire Wheel	(2 included)
		Total \$10,872.44 R
100SXH BASIC UNIT		
100SXH Base Unit		
Includes: Basic Assembly, Briggs & Stratton Engine, Production Decal Kit		
		Total \$10,580.77 R
TRANSLATION DECALS (Select if translation is needed)		
ISO Decal Kit		\$33.94 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
BLADE MOUNT ASSEMBLIES (Select one)		
Std Blade Mount		\$528.80 R
Pivot Blade Mount		\$728.89 R
TIRES/WHEELS (Select one)		
18 X 9.50-8 Tire Wheel		(2 included) \$291.67 R
16 X 6.50-8 Tire Wheel		\$204.25 R
COMPLIANCE KIT (Optional)		
European Compliance Kit		\$288.69 R
ACCESSORIES		
100-026	REEL CARRIER-100SX	\$200.90 C
327-089	BOLT-ON WEIGHT	2 required \$252.90 C
Shipped with: 179-620 REEL CARRIER SHAFT		2 required \$44.25 C
105-833 FLG LOCKNUT (1/2-NC)		4 required \$0.78 C
		\$597.42 C
ENVIRONMENTAL HYDRAULIC OIL		
Environmental Oil		4 Gallons \$274.83 R



CONFIDENTIAL

100SXH

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install reel carrier \$80.00 A

Install optional weights \$80.00 A

Install environmentally compatible fluids \$106.50 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

VP30

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

VP30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The <i>Ditch Witch</i> ® VP30 is priced less all options. Select items from the appropriate lists.		
The <i>Ditch Witch</i> ® VP30 basic unit includes the following:		
<ul style="list-style-type: none"> • Briggs & Stratton Vanguard® gasoline engine (31hp net) (electric start) • Infinitely variable-speed hydrostatic ground drive • Operator's station • Mechanical park brake • Hydraulic steering • Auxiliary hydraulic circuits • Donaldson remote air filtration • Back panel enclosure 		
VP30 STANDARD #1		
VP30 Base Unit		
Includes: Basic Assembly, Production Decal Kit No Roto Witch		
		Total \$20,497.00 R
VP30 STANDARD #2		
VP30 Base Unit		
Includes: Basic Assembly, Production Decal Kit Roto Witch		
		Total \$22,083.04 R
VP30 BASIC UNIT		
VP30 Base Unit		
Includes: Basic Assembly, Production Decal Kit		
		Total \$20,311.34 R
TRANSLATION DECALS (Select if translation is needed)		
ISO Decal Kit		
		\$42.45 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
118-097	DRILL STRING GUIDE ASSEMBLY (Must order when Roto Witch option is selected)	\$103.47 C
190-1963	REEL CARRIER KIT	\$216.89 D
190-1967	ADJ BLADE SOD CUTTER KIT (Use with adjustable blades)	\$546.31 C



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VP30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)	
	ENVIRONMENTAL HYDRAULIC OIL			
	Environmental Oil	11 Gallons	\$755.77	R
	INSTALLATION CHARGES			
	Additional charge for factory installed attachments and accessories			
	Install silt fence		\$160.00	A
	Install Roto-Witch® boring attachment		\$40.00	A
	Install CE kit		\$40.00	A
	Install spark arrester		\$40.00	A
	Install environmentally compatible fluids		\$284.00	A
	SPECIAL PAINT			
	Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)			
	From the time of confirmation, any special paint order is non-cancelable and non-returnable.			
	Please allow 30 days from time of order to delivery.			
	Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).			
	Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.			
	Charges do not include price of paint.		\$1,000.00	A



CONFIDENTIAL

410SX

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

410SX

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch*® 410SX is priced less all options and attachments.

The *Ditch Witch*® 410SX basic unit includes the following:

- Kubota WG1605-G, EPA Phase 3, electronic governor, 4 cylinder water cooled gas engine (49.6 hp gross @ 3600 rpm, 47.5 hp net)
- Infinitely variable hydrostatic four wheel drive
- Enclosed and lubricated ground drive reduction gearbox
- Dana #44 limited slip front and rear differentials
- Articulated steering with oscillating rear axle
- Parking brake
- Hydraulic plow vibrator drive
- Plow swing lock
- Hydraulic plow lift
- 12 volt electric start
- Murphy Display
 - Engine rpm
 - Coolant temp
 - Engine oil pressure
 - ECU diagnostic codes
- Fuel gauge
- Check engine light
- Hydraulic oil temperature warning light
- Air filter restriction indicator
- Start interlock monitor

410SX STANDARD #1

410SX Base Unit

Includes: Basic Assembly, Production Decal Kit

26 X 12-12 8-PLY Tire

(4 included)

H400 Assembly Mount Kit

Roto Witch

Total \$42,018.33 R**410SX STANDARD #2**

410SX Base Unit

Includes: Basic Assembly, Production Decal Kit

26 X 12-12 8-PLY Tire

(4 included)

H400 Assembly Mount Kit

No Roto Witch

Total \$40,574.60 R**410SX BASIC UNIT**

410SX Base Unit

Includes: Basic Assembly, Production Decal Kit

Total \$37,274.78 R



CONFIDENTIAL

410SX

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$22.93 R
	ISO Decal Kit	\$63.93 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ASSEMBLY KITS (Select one)		
	H400 Assembly Mount Kit	\$1,871.35 R
	410SX No Front Attach	\$263.74 R
ROTO WITCH® BORING ATTACHMENT (Select one)		
	Roto Witch	\$1,450.01 R
	No Roto Witch	\$6.28 R
TIRES/WHEELS (Select one)		
	23 X 10.50-12 Tire (4 included)	\$1,187.56 R
	23 X 10.50-12 Tire TBS (4 included)	\$2,012.99 R
	26 X 12-12 8-PLY Tire (4 included)	\$1,422.19 R
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES (Optional)		
100-272	COUNTERWEIGHT KIT	\$582.59 C
375-097	WHEEL WEIGHT (12", 100#) for 205-1033 (2 or 4 weights required when ordering)	\$194.07 C
	Requires: 105-833 FLG LOCKNUT (1/2-NC) 2 per wgt.	\$0.78 C
	105-1270 CARRIAGE BOLT (1/2-NC X 9") 2 per wgt.	\$20.90 C
190-2313	REEL CARRIER	\$773.77 C
190-213	SKID SHOE CONVERSION KIT (Field installation only)	\$338.83 C
190-084	SOD CUTTER KIT 410SXD	\$370.95 C
190-2177	410SX (Gas)Uptime Kit (100hr)	\$90.02 B
190-2176	410SX GAS UPTIME KIT (1000 hr)	\$432.86 B
191-118	DUAL WHEEL KIT (Optional if ordering Tire & Wheel (23 x 10.5-12))	\$2,290.18 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 16 Gallons	\$1,099.33 R



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410SX

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHING ATTACHMENT**H400 BASIC UNIT**

H400 Digging Attachment

Includes: Basic Assembly

Total \$2,700.20 R

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$68.84 R

SHIPPING KITS (Optional)

H400 Ship Kit Loose

Shipped with: H400 SHIP KIT

\$1,770.32 R

RESTRAINT BARS (Select one)

141-337	RESTRAINT BAR	(For 24" boom)	\$72.63	C
141-329	RESTRAINT BAR	(For 30" boom)	\$77.28	C
141-755	RESTRAINT BAR	(For 36" boom)	\$84.68	C

BOOMS (Optional)

Select Boom from Booms - Compact Equip Price List

604-169	BOOM ADJUSTMENT KIT	(Use with 140-060 boom)	\$71.98	C
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CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Boom Requires 52P Chain

30" Boom Requires 62P Chain

36" Boom Requires 68P Chain



CONFIDENTIAL

410SX

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories		
	Install dual wheels	\$80.00 A
	Install wheel weights (each)	\$40.00 A
	Install front counterweight	\$80.00 A
	Install reel carrier	\$80.00 A
	Install sod cutter	\$80.00 A
	Install skid shoe	\$80.00 A
	Install H400 assembly mount kit	\$120.00 A
	Install boom and chain	\$80.00 A
	Install environmentally compatible fluids	\$568.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

RT45 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT45** power unit is capable of being used with a variety of front and rear mounted attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT45** basic unit includes the following:

- Deutz D2011L3i, oil-cooled diesel engine (42.9 hp gross @ 2,300 rpm) EPA Tier 4i and EU Stage IIIA compliant
- Foot control ground drive and hand throttle
- Enclosed and lubricated ground drive reduction gearbox
- Automotive type steering with single steering cylinder on oscillating front axle
- Hydrostatic service brake
- Mechanical disc and caliper parking brake
- Infinitely variable hydrostatic attachment drive
- Deluxe adjustable operator's seat
- Seat belt
- 12 volt electric start
- Horn
- Start and run interlock systems
- T4i includes:
 - Voltmeter
 - Fuel gauge
 - Hour meter
 - Engine oil pressure indicator light
 - Engine temperature indicator light and automatic shut down
 - Hydraulic oil temperature indicator light

RT45 STANDARD #1 (T4i)

RT45 Base LRC

Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly
D44 Rigid Rear
No Hyd. Manifold LRC
D44 LRC
Grill Frame/covers

Total \$32,528.02 R

RT45 STANDARD #2 (T4i)

RT45 Base LRC

Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly
D44 Rigid Rear
Hyd. Manifold LRC
D44 LRC
Grill Frame/covers

Total \$33,024.07 R



CONFIDENTIAL

RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	RT45 LRC BASIC UNIT	
	RT45 Base LRC	
	Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly	
		\$15,694.49 R
	NOTE: H331, H350, and HD-424BL require Dana 60 axle option and 205-1203/205-1204 tires & wheels	
	EUROPEAN COMPLIANCE KIT	
191-408	RT40/RT45 EC KIT	\$195.52 C
	TRANSLATION DECALS (Select if translation is needed)	
	Foreign Decal Kit	\$133.85 R
	ISO Decal Kit	\$51.69 R
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
	ENGINE & PUMP ASSEMBLIES (Select one)	
	T4i	
	D44 LRC	\$9,319.90 R
	D60 LRC	\$9,319.91 R
	DIFFERENTIALS (Select one)	
	D44 Rigid Rear	\$7,400.34 R
	Shipped with:	
	RT36/RT40/RT45 FRONT DIFF LS D44	
	D44 Rear Steer	\$8,817.76 R
	Shipped with:	
	FINAL ASS'Y REAR STEER KIT D44	
	RT36/RT40/RT45 FRONT DIFF LS D44	
	Available with 205-1192/205-1193 26 x 12.00-12 tire & wheel assembly only	
	D60 Rigid Rear	\$12,931.60 R
	Shipped with:	
	RT36/RT40/RT45 FRT DIFF HD D60	
	Available with 205-1203/205-1204 29 X 12.50-15 tire & wheel assembly only	
	D60 Rear Steer	\$16,040.21 R
	Shipped with:	
	FINAL ASS'Y REAR STEER KIT D60	
	RT36/RT40/RT45 FRT DIFF HD D60	
	Available with 205-1203/205-1204 29 X 12.50-15 tire & wheel assembly only	



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BACKFILL BLADES (Select one)		
	4 Way Std. Blade	\$866.54 R
	6 Way Tilt Blade	\$1,824.75 R
	Shipped with: 64" TILT BFB SHIP KIT RT36/RT40/RT45	
TIRES/WHEELS (Select one)		
	26 X 12-12 8ply (Dana 44 only) (4 included)	\$1,422.34 R
	29 X 12.5 8ply D60 (Dana 60 only) (4 included)	\$2,662.82 R
	28 X 9 Solid (Required for MT12 microtrencher) (4 included)	\$3,907.51 R
HYDRAULIC MANIFOLD KIT (Select one for T4i ONLY)		
	No Hyd. Manifold LRC	\$30.75 R
	Hyd. Manifold LRC	\$526.80 R
	NOTE: Needed for backhoe use	
HYDRAULIC VALVE (Optional)		
	Selector Valve	\$367.79 R
	NOTE: Required when mounting H313, H314 with hydraulic slide, H342, or H350 on tractors equipped with rear steer and six-way backfill blade	
HYDRAULIC MOUNT KIT (Optional)		
	Hyd. Mount Kit (Required when mounting A323)	\$430.66 R
WEIGHTS (Optional)		
	H313/A323 Weights (Required when mounting H313 and A323)	\$767.16 R
	H331/A323 Weights (Required when mounting H331 and A323)	\$561.44 R
	MT12/RC Weights (Required for RT45 with MT12 and reel carrier)	\$1,159.33 R
GRILL FRAME/COVERS (Optional)		
	Grill Frame/covers (Required when not mounting A323)	\$82.54 R
STARTING ACCESSORY (Optional T4i ONLY)		
605-093	COLD START KIT - RT40/RT45	\$316.90 C



CONFIDENTIAL

RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
TRACTOR ACCESSORIES		
191-429	LIGHT KIT - RT40/RT45	\$439.28 C
190-1508	RT45 BACK-UP ALARM	\$271.64 C
375-097	WHEEL WEIGHT (12", 100#) Used on 205-1192/205-1193 (2 or 4 weights required when ordering)	\$194.07 C
375-059	WHEEL WEIGHT (100 LB) Used on 205-1205/205-1206 or 205-1203/205-1204 (4 or 8 weights required when ordering)	\$176.01
190-2154	RT45 T4i UPTIME KIT	\$74.72 B
190-2152	RT45 T4i UPTIME KIT (1000 HOUR)	\$279.00 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	13 Gallons \$893.20 R



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR-MOUNTED ATTACHMENTS**TRENCHING ATTACHMENTS****H313 STANDARD #1**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

12 Tooth Sprk

Total \$6,067.25 R**H313 STANDARD #2**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

14 Tooth Sprk

Total \$6,102.56 R**H313 BASIC UNIT**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

\$5,939.34 R

NOTE: Front counterweight kit with 400 lbs. of weights are required OR front wheel weights and 200 lbs. TBS in each front tire OR backhoe with rear wheel weights and 200 lbs. TBS in each rear tire and 190-2351 weight kit

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$27.83 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**HEADSHAFT SPROCKETS (Select one)**

12 Tooth Sprk

(Standard speed)

\$127.91 R

14 Tooth Sprk

(High speed)

\$163.22 R

RESTRAINT BARS AND CLEANER BARS - H313 (Select one)

141-274 RESTRAINT BAR (56", 2P) (For 3' and 44" booms) \$93.90 C

141-350 RESTRAINT BAR (80.5", 2P) (For 5' booms) \$116.29 C

140-1365 3' LOWER CLEANER BAR (2.000"P) (For 3' LTR boom) \$344.89 C

140-1369 4' LOWER CLEANER BAR (2.000"P) (For 4' LTR boom) \$221.92 C

140-1352 3' LOWER CLEANER BAR (2.000"P) (For 3' STS boom) \$284.32 C

140-1354 4' LOWER CLEANER BAR (2.000"P) (For 4' STS and 44" STSWB booms) \$248.62 C

140-1356 5' LOWER CLEANER BAR (2.000"P) (For 5' STS and STSWB booms) \$296.64 C

Trench Cleaner - See Rear Attachment Options



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H314 STANDARD #1		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
	12 Tooth Sprk	
	Total	\$6,924.20 R
H314 STANDARD #2		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
	14 Tooth Sprk	
	Total	\$6,964.13 R
H314 BASIC UNIT		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
		\$6,795.06 R
NOTE: Front counterweight kit with 800 lbs. of weights are required OR backhoe with rear wheel weights and 200 lbs. TBS in each rear tire		
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$27.83 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
HEADSHAFT SPROCKETS (Select one)		
	12 Tooth Sprk	(Standard speed) \$129.14 R
	14 Tooth Sprk	(High speed) \$169.07 R
HYDRAULIC SLIDE (Optional)		
	Slide Kit	\$1,306.85 R
NOTE: Hydraulic slide requires Selector Valve Kit (602-291) when mounted on RT45 with 6-way blade and rear steer differential		
AUGERS - H314 (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C



CONFIDENTIAL

RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS - H314 (Select one)		
141-274	RESTRAINT BAR (56", 2P) (For 42" and 52" booms)	\$93.90 C
140-1361	3' LOWER CLEANER BAR (2.000"P) (For 42" boom)	\$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P) (For 52" boom)	\$237.54 C
Trench Cleaner - See Rear Attachment Options		

PLOW ATTACHMENT**H331 STANDARD #1**

H331 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Production Decal Kit

Total \$12,493.68 R

**NOTES: Requires Dana 60 axle option and 205-1203/205-1204 tires & wheels
Front counterweight kit with 400 lbs. of weights are required OR
front wheel weights and 200 lbs. TBS in each front tire**

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$108.07 R

PLOW ACCESSORIES

190-212	SKID SHOE CONVERSION KIT (Field installation only)	\$261.18 C
186-247	PULL BLADE LINK CONVERSION KIT	\$239.91 C

COMBO ATTACHMENT**H350 STANDARD #1**

H350 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Left/Right Mount Bracket
12 Tooth Sprk**Total \$17,518.72 R****H350 BASIC UNIT**

H350 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Left/Right Mount Bracket

\$17,376.67 R

**NOTES: Requires Dana 60 axle option and 205-1203/205-1204 tires & wheels
Front counterweight kit with 1,100 lbs. of weights and front wheel weights are required**

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$54.32 R



CONFIDENTIAL

RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HEADSHAFT SPROCKETS (Select one)		
	12 Tooth Sprk (Standard speed)	\$142.05 R
	14 Tooth Sprk (High speed)	\$155.58 R
AUGERS - H350 (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C
RESTRAINT BARS AND CLEANER BARS - H350 (Select one)		
141-274	RESTRAINT BAR (56", 2P) (For 42" and 52" booms)	\$93.90 C
140-1361	3' LOWER CLEANER BAR (2.000"P) (For 42" boom)	\$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P) (For 52" boom)	\$237.54 C
Trench Cleaner - See Rear Attachment Options		
ACCESSORIES		
190-212	SKID SHOE CONVERSION KIT (Field installation only)	\$261.18 C
186-247	PULL BLADE LINK CONVERSION KIT	\$239.91 C

SAW ATTACHMENT

H342 STANDARD #1		
H342 Base		
Includes: Basic Assembly, Decal Kit English, H342/RT45 Plumbing, Ship Kit		
		Total \$17,466.48 R

NOTE: Front counterweight kit with 800 lbs. of weights OR backhoe and rear wheel weights are required

TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$98.04 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

MOUNT KIT (Select one)		
	HD Mount Kit	\$354.03 R
	Solid Mount Kit	\$181.55 R

SHIP KIT (Optional) (RT55 ONLY)

RT55/H342 Ship Kit \$7,443.28 R



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SAW ACCESSORIES		
190-1310	2.5" SAW SEGMENT	\$2,917.54 C
190-1311	3.5" SEGMENT KIT	\$3,012.44 C
190-1312	5" SEGMENT KIT	\$3,511.90 C
136-101	INSERT BIT	\$7.01 D
136-100	CAP BIT	\$10.46 D
136-102	INSERT BIT	\$8.53 D

MICROTRENCHER ATTACHMENT**MT12 STANDARD #1**

MT12 Base No Adj.

Includes: Basic Assembly, Production Decal Kit
Std. Speed Motor**Total \$19,751.55 R****MT12 STANDARD #2**

MT12 Base Adj.

Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust
Std. Speed Motor**Total \$20,814.45 R****BASIC POWER UNIT**

MT12 Base No Adj.

Includes: Basic Assembly, Production Decal Kit

\$12,890.73 R**OR**

MT12 Base Adj.

Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust

\$13,953.63 R**NOTES: Front counterweight kit with 500 lbs. of weights or reel carrier are required
MT12 requires 205-1164/205-1165 solid tires & wheels****TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$56.34 R

ISO Decal Kit

\$104.28 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
MT12 HYDRAULIC DRIVE MOTOR (Select one)			
	Std. Speed Motor	\$6,860.82	R
	Shipped with: MT12 Ship Kit		
	Standard Flushing KT	(RT80T4 ONLY) \$294.24	R
	High Speed Motor	\$10,068.03	R
	Shipped with: MT12 Ship Kit		
	High Speed Flush KT	(RT80T4 ONLY) \$294.24	R
MOUNT KIT (Select one)			
	RT45 Mount KT	\$989.70	R
	RT55/80 Mount KT	\$1,915.99	R
STANDARD SAW BLADES (Select one) For use with standard saw motor only			
301-1096	SAW BLADE (.75", SHARK, 24T)	\$610.46	B
301-1590	SAW BLADE (.75", COMBO, 24T/8T)	\$669.08	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	24 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	24 required \$0.14	C
		\$893.96	
301-0580	SAW BLADE (.95", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
		\$1,086.12	
301-0686	SAW BLADE (1.25", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
		\$1,086.12	
302-2276	SAW BLADE (1.50", CONICAL, 32T)	\$805.23	B
135-5000	SAW BLADE (.50", PDC SHARK, 34")	\$3,308.29	C
135-5001	SAW BLADE (.75", PDC SHARK, 34")	\$4,411.42	C
135-5005	SAW BLADE (1.0", PDC SHARK, 34")	\$6,066.11	C
135-5006	SAW BLADE (1.5", PDC SHARK, 34")	\$7,941.43	C
135-5018	SAW BLADE (2.0", PDC SHARK, 34")	\$8,387.66	C



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
HIGH SPEED SAW BLADES (Select one) For use with high speed saw motor only			
135-1610	CONCRETE BLADE (32" X .375")	\$4,011.02	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$4,304.26	
135-1611	CONCRETE BLADE (32" X .500")	\$4,451.86	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$4,745.10	
135-1485	CONCRETE BLADE (32" X .750")	\$5,429.60	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$5,722.84	
135-1516	CONCRETE BLADE (32" X 1.024")	\$6,976.19	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$7,269.43	
TRENCH CLEANERS (Select one)			
301-1057	MT TRENCH CLEANER	\$277.07	C
301-0548	MT TRENCH CLEANER (WIDE)	\$285.04	C
ACCESSORIES			
100-267	FRONT COUNTERWEIGHT KIT	\$966.97	C
375-080	COUNTERWEIGHT (100 LBS)	\$172.30	C
190-1636	WHEEL WEIGHT KIT (Required for RT45 with MT12 and reel carrier)	2 required \$627.16	\$1,254.32 C
350-2402	HOSE MOUNT SUB (For routing vacuum hose from attachment to front of tractor with RT45)	\$616.48	C
190-1619	SELECTOR VALVE CONVERSION KIT (Required for 6-way bfb—selects between bfb & traverse)	\$397.92	C
350-2517	HOSE CART	\$223.14	C
190-1643	SMV WARNING LIGHT KIT	\$882.13	C
190-2330	MT12 WATER KIT	\$293.24	C
135-1443	CARBIDE WEAR BAR	\$6.84	C



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RT45 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR ATTACHMENT OPTIONS**BOOMS**

**NOTES: Depth shown are for 26 x 12.00 - 12 tires
Tire size and inflation will affect digging depth**

(FOR H313 ONLY)

		Chain Length in Pitches	
143-181	3' LT ROLLER BOOM (2.000"P)	80	\$1,364.80 C
143-180	4' LT ROLLER BOOM (2.000"P)	84	\$1,436.00 C

BOOM STUB (for LTR Booms)

140-540	2P BOOM STUB		\$300.46 C
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140-124	BOOM PARTS ASS'Y (42.8 2P)	80	\$1,116.20 C
140-125	BOOM PARTS ASS'Y (58.8 2P)	96	\$1,200.68 C
140-330	BOOM PARTS ASS'Y (70.9 2P)	108	\$1,538.55 C

BOOM STUB (for STS Booms)

143-184	2P, STANDARD BOOM STUB		\$271.52 C
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140-616	BOOM PARTS ASS'Y (44.0 2P)	72	\$1,112.60 C
140-622	BOOM PARTS ASS'Y (60.5 2P)	88	\$1,143.96 C

(FOR H314 AND H350)

143-050	"42" LT ROLLER BOOM (2.000"P)"	84	\$1,442.01 C
143-060	"52" LT ROLLER BOOM (2.000"P)"	96	\$1,510.81 C

BOOM STUB (for LTR Booms)

140-540	2P BOOM STUB		\$300.46 C
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CHAIN ASSEMBLIES

Select Appropriate 50K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

TRENCH CLEANER ASSEMBLIES (H313, H314, AND H350)

(FOR H313 w/ LTR and STS wear bar booms, all H314 and H350)

190-2406	MECHANICAL CLEANER CONVER KIT (ROLLER)		\$530.21 C
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(FOR H313 w/ STS boom)

190-2604	MECHANICAL CLEANER CONVER KIT (STD)		\$578.61 C
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TRENCH CLEANER SHOES

141-215	CLEANER SHOE (4")		\$26.35 C
141-134	CLEANER SHOE (6")		\$38.03 C
141-135	CLEANER SHOE (8")		\$47.01 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
FRONT MOUNTED ATTACHMENTS		
	Backhoe - See Backhoe price sheet	
	Roto Witch® Boring - See boring attachment price sheet	
100-514	REEL CARRIER RT36/RT45	\$976.13 C
100-267	FRONT COUNTERWEIGHT KIT	\$966.97 C
375-080	COUNTERWEIGHT (100 LBS) (Maximum of 11, less than 7 order 181-398 spacer)	\$172.30 C

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install standard backfill blade	\$80.00 A
Install 6-way tilt backfill blade	\$80.00 A
Install wheel weights (each)	\$40.00 A
Install H313 digging attachment	\$160.00 A
Install H314 digging attachment	\$160.00 A
Install H314 hydraulic slide	\$80.00 A
Install H331 plow attachment	\$200.00 A
Install H350 combo attachment	\$200.00 A
Install H342 saw on RT45	\$200.00 A
Install H342 segment kit	\$80.00 A
Install MT12 attachment	\$200.00 A
Install skid shoe	\$80.00 A
Install boom, chain and augers	\$120.00 A
Install trench cleaner	\$80.00 A
Install A323 backhoe	\$400.00 A
Install A323 mount kit	\$80.00 A
Install A323 remote hydraulics	\$480.00 A
Install tow valve	\$80.00 A
Install Roto Witch® boring attachment	\$120.00 A
Install reel carrier	\$80.00 A
Install counterweight kit	\$80.00 A
Install cold start kit	\$80.00 A
Install light kit	\$40.00 A
Install back-up alarm	\$80.00 A
Install environmentally compatible fluids	\$461.50 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,400.00 A



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RT45 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT45** power unit is capable of being used with a variety of front and rear mounted attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT45** basic unit includes the following:

- Deutz D2.9 L4, water-cooled diesel engine (48.8 hp gross @ 2,600 rpm) EPA Tier 4 and EU Stage IIIA compliant
- Foot control ground drive and hand throttle
- Enclosed and lubricated ground drive reduction gearbox
- Automotive type steering with single steering cylinder on oscillating front axle
- Hydrostatic service brake
- Mechanical disc and caliper parking brake
- Infinitely variable hydrostatic attachment drive
- Deluxe adjustable operator's seat
- Seat belt
- 12 volt electric start
- Horn
- Start and run interlock systems
- T4 final includes:
 - Monochrome LCD display
 - Cold start kit
 - Hydraulic manifold

RT45 STANDARD #3 (T4 final)

RT45 Base HRC

Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly

Hyd. Manifold HRC

D44 Rigid Rear

D44 HRC

Grill Frame/covers

Total \$40,005.27 R

RT45 STANDARD #4 (T4 final)

RT45 Base HRC

Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly

No Hyd. Manifold HRC

D44 Rigid Rear

D44 HRC

Grill Frame/covers

Total \$39,815.17 R

RT45 HRC BASIC UNIT

RT45 Base HRC

Includes: Basic Assembly, Production Decal Kit, 2-Post Rops Sub-Assembly

\$18,387.40 R

NOTE: H331, H350, and HD-424BL require Dana 60 axle option and 205-1203/205-1204 tires & wheels



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	EUROPEAN COMPLIANCE KIT	
191-408	RT40/RT45 EC KIT	\$195.52 C
	TRANSLATION DECALS (Select if translation is needed)	
	Foreign Decal Kit	\$133.85 R
	ISO Decal Kit	\$51.69 R
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
	ENGINE & PUMP ASSEMBLIES (Select one)	
	T4 final	
	D44 HRC	\$13,861.73 R
	D60 HRC	\$13,515.28 R
	DIFFERENTIALS (Select one)	
	D44 Rigid Rear	\$7,400.34 R
	Shipped with: RT36/RT40/RT45 FRONT DIFF LS D44	
	D44 Rear Steer	\$8,817.76 R
	Shipped with: FINAL ASS'Y REAR STEER KIT D44 RT36/RT40/RT45 FRONT DIFF LS D44	
	Available with 205-1192/205-1193 26 x 12.00-12 tire & wheel assembly only	
	D60 Rigid Rear	\$12,931.60 R
	Shipped with: RT36/RT40/RT45 FRT DIFF HD D60	
	Available with 205-1203/205-1204 29 X 12.50-15 tire & wheel assembly only	
	D60 Rear Steer	\$16,040.21 R
	Shipped with: FINAL ASS'Y REAR STEER KIT D60 RT36/RT40/RT45 FRT DIFF HD D60	
	Available with 205-1203/205-1204 29 X 12.50-15 tire & wheel assembly only	
	BACKFILL BLADES (Select one)	
	4 Way Std. Blade	\$866.54 R
	6 Way Tilt Blade	\$1,824.75 R
	Shipped with: 64" TILT BFB SHIP KIT RT36/RT40/RT45	



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TIRES/WHEELS (Select one)		
	26 X 12-12 8ply (Dana 44 only) (4 included)	\$1,422.34 R
	29 X 12.5 8ply D60 (Dana 60 only) (4 included)	\$2,662.82 R
	28 X 9 Solid (Required for MT12 microtrencher) (4 included)	\$3,907.51 R
HYDRAULIC MANIFOLD KIT (Select one)		
	No Hyd. Manifold HRC	\$83.16 R
	Hyd. Manifold HRC	\$273.26 R
NOTE: Needed for backhoe use		
HYDRAULIC VALVE (Optional)		
	Selector Valve	\$367.79 R
NOTE: Required when mounting H313, H314 with hydraulic slide, H342, or H350 on tractors equipped with rear steer and six-way backfill blade		
HYDRAULIC MOUNT KIT (Optional)		
	Hyd. Mount Kit (Required when mounting A323)	\$430.66 R
WEIGHTS (Optional)		
	H313/A323 Weights (Required when mounting H313 and A323)	\$767.16 R
	H331/A323 Weights (Required when mounting H331 and A323)	\$561.44 R
	MT12/RC Weights (Required for RT45 with MT12 and reel carrier)	\$1,159.33 R
GRILL FRAME/COVERS (Optional)		
	Grill Frame/covers (Required when not mounting A323)	\$82.54 R
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRACTOR ACCESSORIES		
191-429	LIGHT KIT - RT40/RT45	\$439.28 C
190-1508	RT45 BACK-UP ALARM	\$271.64 C
375-097	WHEEL WEIGHT (12", 100#) Used on 205-1192/205-1193 (2 or 4 weights required when ordering.)	\$194.07 C
375-059	WHEEL WEIGHT (100 LB) Used on 205-1205/205-1206 or 205-1203/205-1204 (4 or 8 weights required when ordering)	\$176.01 C
190-2153	RT45 T4F UPTIME KIT	\$216.75 B
190-2151	RT45 T4F UPTIME KIT (1000 HOUR)	\$630.92 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	13 Gallons \$893.20 R



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR-MOUNTED ATTACHMENTS**TRENCHING ATTACHMENTS****H313 STANDARD #1**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

12 Tooth Sprk

Total \$6,067.25 R**H313 STANDARD #2**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

14 Tooth Sprk

Total \$6,102.56 R**H313 BASIC UNIT**

H313 Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Mount Bracket

H313 Ship Kit

\$5,939.34 R

NOTE: Front counterweight kit with 400 lbs. of weights are required OR front wheel weights and 200 lbs. TBS in each from tire OR backhoe with rear wheel weights and 200 lbs. TBS in each rear tire and 190-2351 weight kit

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$85.48 R**HEADSHAFT SPROCKETS (Select one)**

12 Tooth Sprk

(Standard speed)

\$127.91 R

14 Tooth Sprk

(High speed)

\$163.22 R**RESTRAINT BARS AND CLEANER BARS - H313 (Select one)**

141-274	RESTRAINT BAR (56", 2P)	(For 3' and 44" booms)	\$93.90	C
141-350	RESTRAINT BAR (80.5", 2P)	(For 5' booms)	\$116.29	C
140-1365	3' LOWER CLEANER BAR (2.000"P)	(For 3' LTR boom)	\$344.89	C
140-1369	4' LOWER CLEANER BAR (2.000"P)	(For 4' LTR boom)	\$221.92	C
140-1352	3' LOWER CLEANER BAR (2.000"P)	(For 3' STS boom)	\$284.32	C
140-1354	4' LOWER CLEANER BAR (2.000"P)	(For 4' STS and 44" STSWB booms)	\$248.62	C
140-1356	5' LOWER CLEANER BAR (2.000"P)	(For 5' STS and STSWB booms)	\$296.64	C

Trench Cleaner - See Rear Attachment Options



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H314 STANDARD #1		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
	12 Tooth Sprk	
	Total	\$6,924.20 R
H314 STANDARD #2		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
	14 Tooth Sprk	
	Total	\$6,964.13 R
H314 BASIC UNIT		
	H314 Base	
	Includes: Basic Assembly, Production Decal Kit, 2P Boom Stub, Left/Right Mount Bracket	
	H314 Ship Kit	
		\$6,795.06 R
NOTE: Front counterweight kit with 800 lbs. of weights are required OR backhoe with rear wheel weights and 200 lbs. TBS in each rear tire		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$86.30 R
HEADSHAFT SPROCKETS (Select one)		
	12 Tooth Sprk (Standard speed)	\$129.14 R
	14 Tooth Sprk (High speed)	\$169.07 R
HYDRAULIC SLIDE (Optional)		
	Slide Kit	\$1,306.85 R
NOTE: Hydraulic slide requires Selector Valve Kit (602-291) when mounted on RT45 with 6-way blade and rear steer differential		
AUGERS - H314 (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS - H314 (Select one)		
141-274	RESTRAINT BAR (56", 2P) (For 42" and 52" booms)	\$93.90 C
140-1361	3' LOWER CLEANER BAR (2.000"P) (For 42" boom)	\$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P) (For 52" boom)	\$237.54 C
Trench Cleaner - See Rear Attachment Options		

PLOW ATTACHMENT**H331 STANDARD #1**

H331 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Production Decal Kit

Total \$12,493.68 R

NOTES: Requires Dana 60 axle option and 205-1203/205-1204 tires & wheels
Front counterweight kit with 400 lbs. of weights are required OR
front wheel weights and 200 lbs. TBS in each front tire

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$108.07 R

PLOW ACCESSORIES

190-212	SKID SHOE CONVERSION KIT (Field installation only)	\$261.18 C
186-247	PULL BLADE LINK CONVERSION KIT	\$239.91 C

COMBO ATTACHMENT**H350 STANDARD #1**

H350 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Left/Right Mount Bracket
12 Tooth Sprk**Total \$17,518.72 R****H350 BASIC UNIT**

H350 Base

Includes: Basic Assembly, Ship Kit, Attachment Lowering Kit, Left/Right Mount Bracket

\$17,376.67 R

NOTES: Requires Dana 60 axle option and 205-1203/205-1204 tires & wheels
Front counterweight kit with 1,100 lbs. of weights and front wheel weights are required

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$54.32 R



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HEADSHAFT SPROCKETS (Select one)		
	12 Tooth Sprk (Standard speed)	\$142.05 R
	14 Tooth Sprk (High speed)	\$155.58 R
AUGERS - H350 (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C
RESTRAINT BARS AND CLEANER BARS - H350 (Select one)		
141-274	RESTRAINT BAR (56", 2P) (For 42" and 52" booms)	\$93.90 C
140-1361	3' LOWER CLEANER BAR (2.000"P) (For 42" boom)	\$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P) (For 52" boom)	\$237.54 C
Trench Cleaner - See Rear Attachment Options		
ACCESSORIES		
190-212	SKID SHOE CONVERSION KIT (Field installation only)	\$261.18 C
186-247	PULL BLADE LINK CONVERSION KIT	\$239.91 C

SAW ATTACHMENT

H342 STANDARD #1		
H342 Base		
Includes: Basic Assembly, Decal Kit English, H342/RT45 Plumbing, Ship Kit		
		Total \$17,466.48 R

NOTE: Front counterweight kit with 800 lbs. of weights OR backhoe and rear wheel weights are required

TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$98.04 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

MOUNT KIT (Select one)		
	HD Mount Kit	\$354.03 R
	Solid Mount Kit	\$181.55 R

SHIP KIT (Optional) (RT55 ONLY)

RT55/H342 Ship Kit \$7,443.28 R



CONFIDENTIAL

RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SAW ACCESSORIES		
190-1310	2.5" SAW SEGMENT	\$2,917.54 C
190-1311	3.5" SEGMENT KIT	\$3,012.44 C
190-1312	5" SEGMENT KIT	\$3,511.90 C
136-101	INSERT BIT	\$7.01 D
136-100	CAP BIT	\$10.46 D
136-102	INSERT BIT	\$8.53 D

MICROTRENCHER ATTACHMENT**MT12 STANDARD #1**

MT12 Base No Adj.

Includes: Basic Assembly, Production Decal Kit
Std. Speed Motor**Total \$19,751.55 R****MT12 STANDARD #2**

MT12 Base Adj.

Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust
Std. Speed Motor**Total \$20,814.45 R****BASIC POWER UNIT**

MT12 Base No Adj.

Includes: Basic Assembly, Production Decal Kit

\$12,890.73 R**OR**

MT12 Base Adj.

Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust

\$13,953.63 R**NOTES: Front counterweight kit with 500 lbs. of weights or reel carrier are required
MT12 requires 205-1164/205-1165 solid tires & wheels****TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$56.34 R

ISO Decal Kit

\$104.28 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
MT12 HYDRAULIC DRIVE MOTOR (Select one)			
	Std. Speed Motor	\$6,860.82	R
	Shipped with: MT12 Ship Kit		
	Standard Flushing KT	(RT80T4 ONLY) \$294.24	R
	High Speed Motor	\$10,068.03	R
	Shipped with: MT12 Ship Kit		
	High Speed Flush KT	(RT80T4 ONLY) \$294.24	R
MOUNT KIT (Select one)			
	RT45 Mount KT	\$989.70	R
	RT55/80 Mount KT	\$1,915.99	R
STANDARD SAW BLADES (Select one) For use with standard saw motor only			
301-1096	SAW BLADE (.75", SHARK, 24T)	\$610.46	B
301-1590	SAW BLADE (.75", COMBO, 24T/8T)	\$669.08	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	24 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	24 required \$0.14	C
		\$893.96	
301-0580	SAW BLADE (.95", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
		\$1,086.12	
301-0686	SAW BLADE (1.25", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
		\$1,086.12	
302-2276	SAW BLADE (1.50", CONICAL, 32T)	\$805.23	B
135-5000	SAW BLADE (.50", PDC SHARK, 34")	\$3,308.29	C
135-5001	SAW BLADE (.75", PDC SHARK, 34")	\$4,411.42	C
135-5005	SAW BLADE (1.0", PDC SHARK, 34")	\$6,066.11	C
135-5006	SAW BLADE (1.5", PDC SHARK, 34")	\$7,941.43	C
135-5018	SAW BLADE (2.0", PDC SHARK, 34")	\$8,387.66	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(RT45 (highly regulated) - 72)



CONFIDENTIAL

RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
HIGH SPEED SAW BLADES (Select one) For use with high speed saw motor only			
135-1610	CONCRETE BLADE (32" X .375")	\$4,011.02	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$4,304.26	
135-1611	CONCRETE BLADE (32" X .500")	\$4,451.86	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$4,745.10	
135-1485	CONCRETE BLADE (32" X .750")	\$5,429.60	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$5,722.84	
135-1516	CONCRETE BLADE (32" X 1.024")	\$6,976.19	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
		\$7,269.43	
TRENCH CLEANERS (Select one)			
301-1057	MT TRENCH CLEANER	\$277.07	C
301-0548	MT TRENCH CLEANER (WIDE)	\$285.04	C
ACCESSORIES			
100-267	FRONT COUNTERWEIGHT KIT (Required for RT45/MT12 and no reel carrier)	\$966.97	C
375-080	COUNTERWEIGHT (100 LBS) (Required for RT45/MT12 and no reel carrier) 5 required	\$172.30	\$861.50 C
190-1636	WHEEL WEIGHT KIT (Required for RT45 with MT12 and reel carrier) 2 required	\$627.16	\$1,254.32 C
350-2402	HOSE MOUNT SUB (For routing vacuum hose from attachment to front of tractor with RT45)	\$616.48	C
190-1619	SELECTOR VALVE CONVERSION KIT (Required for 6-way bfb--selects between bfb & traverse)	\$397.92	C
350-2517	HOSE CART	\$223.14	C
190-1643	SMV WARNING LIGHT KIT	\$882.13	C
190-2330	MT12 WATER KIT	\$293.24	C
135-1443	CARBIDE WEAR BAR	\$6.84	C



CONFIDENTIAL

RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR ATTACHMENT OPTIONS**BOOMS**

**NOTES: Depth shown are for 26 x 12.00 - 12 tires
Tire size and inflation will affect digging depth**

(FOR H313 ONLY)

		Chain Length in Pitches	
143-181	3' LT ROLLER BOOM (2.000"P)	80	\$1,364.80 C
143-180	4' LT ROLLER BOOM (2.000"P)	84	\$1,436.00 C

BOOM STUB (for LTR Booms)

140-540	2P BOOM STUB		\$300.46 C
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140-124	BOOM PARTS ASS'Y (42.8 2P)	80	\$1,116.20 C
140-125	BOOM PARTS ASS'Y (58.8 2P)	96	\$1,200.68 C
140-330	BOOM PARTS ASS'Y (70.9 2P)	108	\$1,538.55 C

BOOM STUB (for STS Booms)

143-184	2P, STANDARD BOOM STUB		\$271.52 C
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140-616	BOOM PARTS ASS'Y (44.0 2P)	72	\$1,112.60 C
140-622	BOOM PARTS ASS'Y (60.5 2P)	88	\$1,143.96 C

(FOR H314 AND H350)

143-050	"42" LT ROLLER BOOM (2.000"P)"	84	\$1,442.01 C
143-060	"52" LT ROLLER BOOM (2.000"P)"	96	\$1,510.81 C

BOOM STUB (for LTR Booms)

140-540	2P BOOM STUB		\$300.46 C
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CHAIN ASSEMBLIES

Select Appropriate 50K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

TRENCH CLEANER ASSEMBLIES (H313, H314, AND H350)

(FOR H313 w/ LTR and STS wear bar booms, all H314 and H350)

190-2406	MECHANICAL CLEANER CONVER KIT (ROLLER)		\$530.21 C
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(FOR H313 w/ STS boom)

190-2604	MECHANICAL CLEANER CONVER KIT (STD)		\$578.61 C
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TRENCH CLEANER SHOES

141-215	CLEANER SHOE (4")		\$26.35 C
141-134	CLEANER SHOE (6")		\$38.03 C
141-135	CLEANER SHOE (8")		\$47.01 C



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RT45 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
FRONT MOUNTED ATTACHMENTS		
	Backhoe - See Backhoe price sheet	
	Roto Witch® Boring - See boring attachment price sheet	
100-514	REEL CARRIER RT36/RT45	\$976.13 C
100-267	FRONT COUNTERWEIGHT KIT	\$966.97 C
375-080	COUNTERWEIGHT (100 LBS) (Maximum of 11, less than 7 order 181-398 spacer)	\$172.30 C

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install standard backfill blade	\$80.00 A
Install 6-way tilt backfill blade	\$80.00 A
Install wheel weights (each)	\$40.00 A
Install H313 digging attachment	\$160.00 A
Install H314 digging attachment	\$160.00 A
Install H314 hydraulic slide	\$80.00 A
Install H331 plow attachment	\$200.00 A
Install H350 combo attachment	\$200.00 A
Install H342 saw on RT45	\$200.00 A
Install H342 segment kit	\$80.00 A
Install MT12 attachment	\$200.00 A
Install skid shoe	\$80.00 A
Install boom, chain and augers	\$120.00 A
Install trench cleaner	\$80.00 A
Install A323 backhoe	\$400.00 A
Install A323 mount kit	\$80.00 A
Install A323 remote hydraulics	\$480.00 A
Install tow valve	\$80.00 A
Install Roto Witch® boring attachment	\$120.00 A
Install reel carrier	\$80.00 A
Install counterweight kit	\$80.00 A
Install cold start kit	\$80.00 A
Install light kit	\$40.00 A
Install back-up alarm	\$80.00 A
Install environmentally compatible fluids	\$461.50 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,400.00 A



CONFIDENTIAL

SK600

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

SK600

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The <i>Ditch Witch</i> ® SK600 mini skid steer is priced less all options. Select these items from the appropriate list.		
The <i>Ditch Witch</i> ® SK600 basic unit includes the following:		
<ul style="list-style-type: none"> • Kubota D902-E4B liquid-cooled diesel engine (24.8 hp gross, 23.5 hp estimated net @ 3,600 rpm) EPA Tier 4, EU Stage IIIA compliant • Variable-speed hydrostatic ground drive • Mechanical service brake • Multi-tach attachment plate • Durable build and innovative design provides the industry's smoothest ride • 600 lb. rated operating capacity 		
SK600 STANDARD #1		
SK600 Base Unit		
Includes: Basic Assembly, Production Decal Kit, Rubber Track, Track Assembly, Lift Arm Assembly 2 Lever Control Valve		
		Total \$21,930.00 Q
SK600 BASIC UNIT		
SK600 Base Unit		
Includes: Basic Assembly, Production Decal Kit, Rubber Track, Track Assembly, Lift Arm Assembly		
		\$21,200.06 Q
TRANSLATION DECALS (Select if translation is needed)		
ISO Decal Kit		
		\$23.83 Q
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GROUND DRIVE CONTROL (Select one)		
1 Lever Control Valve		
		\$729.94 Q
2 Lever Control Valve		
		\$729.94 Q
QUICK ATTACH MANIFOLD (Select one)		
With Manifold		
		\$314.98 Q
Without Manifold		
		\$164.61 Q
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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SK600

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
OPTIONAL		
190-1115	Attachment Power Kit	\$27.05 D
190-1763	SK600/650/750/752/755/800 UPTIME KIT	\$74.46 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	10 Gallons \$629.05 Q
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install boom and chain	\$80.00 A
	Install CE kit	\$40.00 A
	Install silt fence	\$160.00 A
	Install environmentally compatible fluids	\$213.00 A
SPECIAL PAINT		
	Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)	
	From the time of confirmation, any special paint order is non-cancelable and non-returnable.	
	Please allow 30 days from time of order to delivery.	
	Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).	
	Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.	
	Charges do not include price of paint.	\$1,000.00 A



CONFIDENTIAL

SK755

Changes since the November 1, 2018 price list:

Effective December 1, 2018

DISCONTINUED



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SK755

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® SK755** mini skid steer is priced less all options. Select these items from the appropriate list.

The **Ditch Witch® SK755** basic unit includes the following:

- Kubota D1105-T liquid-cooled diesel engine, Tier 4i (32.8 hp gross, 30.3 hp estimated net @ 3,000 rpm) EPA Tier 4i, EU Stage IIIA compliant
- Variable-speed hydrostatic ground drive
- Mechanical service brake
- Multi-tach attachment plate
- Durable build and innovative design provides the industry's smoothest ride
- 800 lb. rated operating capacity

SK755 STANDARD #1

SK755 Base Unit

Includes: Basic Assembly, Production Decal Kit
Wide Rubber Tracks
2 Lever Control Valve

Total \$26,464.92 Q

SK755 STANDARD #2

SK755 Base Unit

Includes: Basic Assembly, Production Decal Kit
Narrow Rubber Tracks
2 Lever Control Valve

Total \$26,345.79 Q

SK755 STANDARD #3

SK755 Base Unit

Includes: Basic Assembly, Production Decal Kit
Wide Rubber Tracks
1 Lever Control Valve

Total \$26,464.92 Q

SK755 BASIC UNIT

SK755 Base Unit

Includes: Basic Assembly, Production Decal Kit

\$24,690.80 Q

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$12.46 Q

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**TRACK SUB-ASSEMBLY W/ TRACKS (Select one)**

Narrow Rubber Tracks

\$780.56 Q

Wide Rubber Tracks

\$899.69 Q

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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SK755

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
GROUND DRIVE CONTROL (Select one)		
	1 Lever Control Valve	\$874.43 Q
	2 Lever Control Valve	\$874.43 Q
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
OPTIONAL		
190-1115	Attachment Power Kit	\$27.05 D
190-1763	SK600/650/750/752/755/800 UPTIME KIT	\$74.46 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	10 Gallons \$656.34 Q
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install boom and chain	\$80.00 A
	Install CE kit	\$40.00 A
	Install silt fence	\$160.00 A
	Install environmentally compatible fluids	\$213.00 A
SPECIAL PAINT		
	Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.) From the time of confirmation, any special paint order is non-cancelable and non-returnable. Please allow 30 days from time of order to delivery. Orders with less than 30 days from order to delivery are subject to applicable surcharge(s). Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat. Charges do not include price of paint.	\$1,000.00 A



CONFIDENTIAL

SK800

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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SK800

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® SK800** mini skid steer is priced less all options. Select these items from the appropriate list.

The **Ditch Witch® SK800** basic unit includes the following:

- Kubota D1105-E liquid-cooled diesel engine (24.8 hp gross, 23.1 hp estimated net @ 3,000 rpm)
EPA Tier 4, EU Stage IIIA compliant
- Variable-speed hydrostatic ground drive
- Mechanical service brake
- Multi-tach attachment plate
- Durable build and innovative design provides the industry's smoothest ride
- 860 lb. rated operating capacity

SK800 STANDARD #1

SK800 Base Unit

Includes: Basic Assembly, Production Decal Kit, SK Loader Arm Decal Kit
Single Auxiliary
Wide Rubber Tracks
2 Lever Control Valve

Total \$25,697.89 Q

SK800 STANDARD #2

SK800 Base Unit

Includes: Basic Assembly, Production Decal Kit, SK Loader Arm Decal Kit
Single Auxiliary
Wide Rubber Tracks
1 Lever Control Valve

Total \$25,697.89 Q

SK800 BASIC UNIT

SK800 Base Unit

Includes: Basic Assembly, Production Decal Kit, SK Loader Arm Decal Kit

\$23,988.90 Q

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$30.52 Q

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

TRACK SUB-ASSEMBLY W/ TRACKS (Select one)

Narrow Rubber Tracks

\$769.21 Q

Wide Rubber Tracks

\$855.05 Q

GROUND DRIVE CONTROL (Select one)

1 Lever Control Valve

\$555.81 Q

2 Lever Control Valve

\$555.81 Q

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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SK800

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
OPTIONAL		
190-1115	Attachment Power Kit	\$27.05 D
190-1763	SK600/650/750/752/755/800 UPTIME KIT	\$74.46 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	10 Gallons \$656.30 Q
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install boom and chain	\$80.00 A
	Install CE kit	\$40.00 A
	Install silt fence	\$160.00 A
	Install environmentally compatible fluids	\$213.00 A
SPECIAL PAINT		
	Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.) From the time of confirmation, any special paint order is non-cancelable and non-returnable. Please allow 30 days from time of order to delivery. Orders with less than 30 days from order to delivery are subject to applicable surcharge(s). Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat. Charges do not include price of paint.	\$1,000.00 A



CONFIDENTIAL

SK1050

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

SK1050

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® SK1050** mini skid steer is priced less all options. Select these items from the appropriate list.

The **Ditch Witch® SK1050** basic unit includes the following:

- Yanmar 3TNV88C, liquid cooled engine (37 hp gross, 35.1 hp estimated net at 3000 rpm)
EPA Tier 4, EU Stage IIIA compliant
- Variable-speed hydrostatic ground drive
- Mechanical service brake
- Multi-tach attachment plate
- Durable build and innovative design provides the industry's smoothest ride
- 1,062 lb. rated operating capacity

S1050 STANDARD #1

SK1050 Base Unit

Includes: Basic Assembly, Production Decal Kit, Lift Arm Assembly, SK Loader Arm Decal Kit
2 Lever Control Valve
Single Auxiliary
Wide Rubber Tracks
Dash Without Lights

Total \$34,081.25 Q**SK1050 BASIC UNIT**

SK1050 Base Unit

Includes: Basic Assembly, Production Decal Kit, Lift Arm Assembly, SK Loader Arm Decal Kit

\$31,129.63 Q**TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$45.77 Q

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**TRACK SUB-ASSEMBLY W/ TRACKS (Select one)**

Narrow Rubber Tracks

\$1,588.75 Q

Wide Rubber Tracks

\$1,281.25 Q

GROUND DRIVE CONTROL (Select one)

1 Lever Control Valve

\$850.37 Q

2 Lever Control Valve

\$850.37 Q

AUXILIARY HYDRAULICS (Select one)

Single Auxiliary

\$307.50 Q

Dual Auxiliary

\$1,332.50 Q



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SK1050

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
LED LIGHTS (Select one)		
	Dash With Lights	\$1,025.00 Q
	Dash Without Lights	\$512.50 Q
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	10 Gallons \$656.30 Q
INSTALLATION CHARGES		
Additional charge for factory installed attachments and accessories		
	Install boom and chain	\$80.00 A
	Install CE kit	\$40.00 A
	Install silt fence	\$160.00 A
	Install environmentally compatible fluids	\$213.00 A
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
	Charges do not include price of paint.	\$1,000.00 A



CONFIDENTIAL

SK1550

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

SK1550

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® SK1550** mini skid steer is priced less all options. Select these items from the appropriate list.

The **Ditch Witch® SK1550** basic unit includes the following:

- Yanmar 3TNV86CT, liquid cooled engine (43.5 hp gross (SAE J1995)), EPA Tier 4 Final, EU Stage IIIA compliant
- Variable-speed hydrostatic ground drive
- Hydraulic service brake
- Multi-tach attachment plate
- Durable build and innovative design provides the industry's smoothest ride
- 1,558 lb. rated operating capacity

SK1550 STANDARD #1

SK1550 Base Unit

Includes: Basic Assembly, Production Decal Kit, Loader Arm Decal Kit

Wide Rubber Tracks

2 Lever Control Valve

Single Auxiliary

Dual Auxiliary

Universal Plate

Total \$41,392.00 Q

SK1550 BASIC UNIT

SK1550 Base Unit

Includes: Basic Assembly, Production Decal Kit, Loader Arm Decal Kit

Wide Rubber Tracks

\$34,960.44 Q

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$41.11 Q

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**GROUND DRIVE CONTROL (Select one)**

1 Lever Control Valve

\$967.20 Q

2 Lever Control Valve

\$884.00 Q

AUXILIARY HYDRAULICS (Select one)

Single Auxiliary

\$312.00 Q

Dual Auxiliary

\$1,352.00 Q

LOADER ARMS (Select one)

Universal Plate

\$3,883.56 Q

Full Size Plate

\$4,403.56 Q

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(SK1550 - 89)



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SK1550

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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ORANGE INTEL™ OPTIONS (Select one)

350-5111	GPS ONLY PACKAGE	\$545.90 D
350-5331	TELEMATICS PACKAGE	\$1,235.02 D

NOTE: Equipment Registration Activates GPS and Telematics Boxes**ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)**

240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A

NOTE: Sold in One Year Increments**ENVIRONMENTAL HYDRAULIC OIL**

Environmental Oil	10 Gallons	\$644.13 Q
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install boom and chain \$80.00 A

Install CE kit \$40.00 A

Install silt fence \$160.00 A

Install environmentally compatible fluids \$213.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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SK ATTACHMENTS

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ATTACHMENTS		
302-1265	BUCKET, 34" (Uses 5, 300-7091)	\$567.10 D
300-5572	BUCKET, 36" (Uses 5, 300-7091)	\$616.00 D
300-5564	BUCKET, 44" (Uses 6, 300-7091)	\$667.17 D
300-5569	52" BUCKET (1/3 CU YD) (Uses 7, 300-7091)	\$845.14 D
300-7090	BOLT-ON ADAPTER (For use with 300-1265, 300-5572, 300-5564, 300-5569)	\$13.60 C
300-7091	TOOTH (For use with 300-7091, 300-5572, 300-5564, 300-5569)	\$9.38 C
323-941	"NS" 42" ROCK BUCKET (Uses 5, 300-7091)	\$1,390.95 D
323-975	SK5BLM - LIGHT MATERIAL BUCKET W/ WINDOW (Uses 6, 300-7091)	\$1,049.61 D
302-3201	48" BUCKET (1/4 CU YD) (Uses 190-2086)	\$946.73 D
302-3209	60" BUCKET (1/2 CU YD) (Uses 190-2088)	\$1,408.75 D
302-6082	60" FS BUCKET (1/2 CU YD)	\$1,902.07 D
190-2086	TOOTH KIT (4' BUCKET) (For use with 302-3201)	\$157.59 D
190-2088	TOOTH KIT (5' BUCKET) (For use with 302-3209)	\$178.60 D
4-IN-1 BUCKETS		
021-1033	SK5B41-44" 4-IN-1 BUCKET	\$2,384.93 R
021-180	SK5B52-52" 4-IN-1 BUCKET	\$2,680.56 R
4-IN-1 BUCKET DECAL KITS (Select one)		
	English decal kit	Included
783-159	DECAL KIT - SK5B41 FR	\$66.44 C
784-164	DECAL KIT - SK5B41 GR	\$66.44 C
787-157	DECAL KIT - SK5B41 SP	\$66.44 C
021-1038	SK5GF - BRUSH GRAPPLE	\$2,414.64 R
021-1039	SK5GF54 - BRUSH GRAPPLE, 54"	\$2,419.94 R
021-151	SK5BC BACKFILLER-CENTER	\$3,542.85 R
021-152	SK5BL-BACKFILLER (LEFT BIAS) (For use with SK5TRW or SK5TR)	\$3,542.85 R
020-1128	PALLET FORKS (36 X 36) (For use with SK's up to, and including, SK1050)	\$791.72 D
020-1129	PALLET FORKS (40 X 48) (For use with SK1050 and SK1550)	\$892.38 D
020-1134	FS PALLET FORKS (48 X 48) (For use with SK1550)	\$1,028.28 D
320-962	CARRY-ALL-LEVELER	\$738.83 D
322-485	MULTI TASK TOOL	\$606.20 D
322-630	BACKFILL BLADE (MANUAL)	\$1,400.00 D
104-033	HYD BLADE CONVERSION KIT (MANUAL) (Converts 322-630 to a hydraulic blade)	\$728.72 C
021-1042	SK5B67 - 67" BACKFILL BLADE	\$1,894.23 R
021-161	SK5B6 - 6-WAY BACKFILL BLADE	\$3,135.78 R



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	SK5PF Base Unit - Hydraulic Powered Forks (For use with SK1050 and SK1550)	\$4,013.11 D
	SK5RT Base Unit - 4' Roto-Tiller (For use with SK1050 and SK1550)	\$4,905.28 D
	SK5PR Base Unit - 4' Power (Harley) Rake (For use with all SK Units)	\$7,148.44 D
	SK5TG Base Unit - Hydraulic Tree Grapple (For use with dual auxiliary SK1550)	\$5,382.51 D
	SK5MB Base Unit - 60" Manual Blade (For use with SK1050 and SK1550)	\$1,833.22 D

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit (For use with SK5PF, SK5RT, SK5TG and SK5MB)	\$8.96 D
ISO Decal Kit (For use with SK5PR)	\$27.33 D

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

SK5TL		
021-133	SK500 TILLER	\$3,797.11 R

NOTE: The SK5TL Tiller Attachment is rated for the SK600 and SK800 only

TILLER DECAL KITS (Select one)

	English decal kit	Included
783-164	DECAL KIT - SK5TL FR	\$105.44 C
784-169	DECAL KIT - SK5TL GR	\$105.44 C
787-162	DECAL KIT - SK5TL SP	\$105.44 C

TRENCHING ATTACHMENTS

SK3TR TRENCHER

SK3TR STANDARD #1

SK3TR Base Unit
Includes: Basic Assembly, Production Decal Kit
HYD Motor 11.9 CID

Total \$3,337.04 R

SK3TR BASIC TRENCHER ATTACHMENT

SK3TR Base Unit
Includes: Basic Assembly, Production Decal Kit

\$2,572.24 R

NOTE: The SK3TR Trenching Attachment is rated for the SK350 and SK600 only

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit	\$22.50 R
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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SK3TR MOTORS (Select one)		
	HYD Motor 9.8 CID (High speed, low torque)	\$572.70 R
	HYD Motor 11.9 CID (Standard speed, standard torque)	\$764.80 R
	HYD Motor 20.6 CID (Low speed, high torque)	\$463.56 R

TRENCHER OPTIONS

RESTRAINT BARS (Select one)		
141-771	RESTRAINT BAR (For 18" boom)	\$63.15 C
141-337	RESTRAINT BAR (For 24" boom)	\$72.63 C

BOOMS (Optional)

Select Boom from Booms - Compact Equip Price List

CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

18" Depth Requires 44P Chain

24" Depth Requires 52P Chain

SK4TR TRENCHER

SK4TR STANDARD #1		
SK4TR Base Unit		
Includes: Basic Assembly, Production Decal Kit		
HYD Motor 11.9 CID		
		Total \$3,778.40 R

SK4TR STANDARD #2		
SK4TR Base Unit		
Includes: Basic Assembly, Production Decal Kit		
HYD Motor 14.9 CID		
		Total \$3,752.73 R

SK4TR BASIC TRENCHER ATTACHMENT

SK4TR Base Unit

Includes: Basic Assembly, Production Decal Kit

\$3,263.52 R**NOTE: The SK4TR Trencher is only available with an independent auger**

SK4TR MOTORS (Select one)		
	HYD Motor 11.9 CID (High speed, low torque)	\$514.88 R
	HYD Motor 14.9 CID (Low speed, high torque)	\$489.21 R



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SHIP KITS (Select one)		
	SK4TR Zahn Ship Kit	\$200.53 R
	SK4TR SK Ship Kit	\$200.53 R

TRENCHER OPTIONS

190-1168	AUGER EXTENSION KIT		\$145.98	D
190-1245	COUNTER WEIGHT KIT	(Required)	\$253.11	D
190-1258	WHEEL WEIGHT KIT		\$395.08	D
190-1284	SK ADAPTER/1TR4 HOSE KIT		\$79.02	D
190-1322	BACKFILL BLADE KIT		\$662.94	D

RESTRAINT BARS AND CLEANER BARS (Select one)

141-337	RESTRAINT BAR	(For 24" boom)	\$72.63	C
141-755	RESTRAINT BAR	(For 30" boom)	\$84.68	C
141-156	PERSONNEL RESTRAINT BAR	(For 36" boom)	\$168.63	C
141-157	RESTRAINT BAR	(For 48" boom)	\$218.43	C
300-4651	CLEANER BAR	(For 24" boom)	\$184.62	C
300-4653	CLEANER BAR	(For 30" and 36" booms)	\$203.09	C
300-4660	CLEANER BAR	(For 48" boom)	\$240.02	C

Trench Cleaner - See below

BOOMS (Optional)

Select Boom from Booms - Compact Equip Price List

140-1159	SPROCKET BOOM ADJUSTER KIT	(Use with 140-060 boom)	\$208.78	C
140-551	BOOM EXTENSION (1')	(Use with 140-060 boom for 48" depth)	\$162.91	C

MECHANICAL TRENCH CLEANER (Optional)

100-180	MECHANICAL CLEANER CONVER KIT		\$286.60	C
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TRENCH CLEANER SHOES

141-290	CLEANER SHOE (4")		\$31.29	C
141-134	CLEANER SHOE (6")		\$38.03	C
141-135	CLEANER SHOE (8")		\$47.01	C
141-136	CLEANER SHOE (10")		\$49.73	C
141-137	CLEANER SHOE (12")		\$59.58	C

CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Depth Requires 52P Chain



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SK5TR TRENCHER**SK5TR STANDARD #1**

SK5TR Base Unit

Includes: Basic Assembly, Production Decal Kit
HYD Motor 11.9 CID**Total \$4,126.14 R****SK5TR STANDARD #2**

SK5TR Base Unit

Includes: Basic Assembly, Production Decal Kit
HYD Motor 20.6 CID**Total \$3,824.90 R****SK5TR BASIC TRENCHER ATTACHMENT**

SK5TR Base Unit

Includes: Basic Assembly, Production Decal Kit

\$3,361.34 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$22.50 R**SK5TR MOTORS (Select one)**

HYD Motor 11.9 CID

(Standard speed, standard torque)

\$764.80 R

HYD Motor 20.6 CID

(Low speed, high torque)

\$463.56 R**TRENCHER OPTIONS****RESTRAINT BARS (Select one)**

141-337 RESTRAINT BAR

(For 24" boom)

\$72.63 C

141-329 RESTRAINT BAR

(For 30" boom)

\$77.28 C

141-755 RESTRAINT BAR

(For 36" boom)

\$84.68 C**BOOMS (Optional)****Select Boom from Booms - Compact Equip Price List**

604-169 BOOM ADJUSTMENT KIT

(Use with 140-060 boom)

\$71.98 C**CHAIN ASSEMBLIES****Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List**

24" Depth Requires 52P Chain

30" Depth Requires 62P Chain

36" Depth Requires 68P Chain



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SK5TW TRENCHER		
SK5TW STANDARD #1		
	SK5TW Base Unit Includes: Basic Assembly, Production Decal Kit, Single Auger Kit HYD Motor 24.0 CID	Total \$5,795.28 R
SK5TW BASIC TRENCHER ATTACHMENT		
	SK5TW Base Unit Includes: Basic Assembly, Production Decal Kit, Single Auger Kit	\$5,158.65 R
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$42.15 R
SK5TW MOTORS (Select one)		
	HYD Motor 19.8 CID (High speed, low torque)	\$566.93 R
	HYD Motor 24.0 CID (Standard speed, standard torque)	\$636.63 R
TRENCHER OPTIONS		
RESTRAINT BARS OR CLEANER BARS (Select one)		
141-337	RESTRAINT BAR (For 24" boom)	\$72.63 C
141-329	RESTRAINT BAR (For 30" boom)	\$77.28 C
141-156	PERSONNEL RESTRAINT BAR (For 36" boom)	\$168.63 C
141-157	RESTRAINT BAR (For 48" boom)	\$218.43 C
141-150	LOWER CLEANER BAR (48") (For 24", 30", and 36" booms)	\$203.09 C
141-151	LOWER CLEANER BAR (60") (For 48" boom)	\$264.62 C
BOOMS (Optional)		
Select Boom from Booms - Compact Equip Price List		
140-1159	SPROCKET BOOM ADJUSTER KIT	\$208.78 C
TRENCH CLEANER KIT (Optional)		
190-2604	MECHANICAL CLEANER CONVER KIT (STD)	\$578.61 C
TRENCH CLEANER SHOES (Optional)		
141-215	CLEANER SHOE (4")	\$26.35 C
141-134	CLEANER SHOE (6")	\$38.03 C
141-135	CLEANER SHOE (8")	\$47.01 C
141-136	CLEANER SHOE (10")	\$49.73 C
141-137	CLEANER SHOE (12")	\$59.58 C



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Depth Requires 52P Chain

30" Depth Requires 62P Chain

36" Depth Requires 68P Chain

SK15TR TRENCHER**SK15TR BASIC TRENCHER ATTACHMENT**

SK15TR Base Unit

Includes: Basic Assembly, Production Decal Kit

Total \$5,010.28 R

NOTE: SK15TR Trencher mounts on model SK1550**SK15TR MOTORS (Select one)**

HYD Motor 14.5 CID

(Standard speed, standard torque)

\$777.99 R

TRENCHER OPTIONS**RESTRAINT BARS (Select one)**

140-1374	DANGER RESTRAINT BAR (24") (OAL 29.8")	(For 24" boom)	\$24.03	C
140-1375	DANGER RESTRAINT BAR (30") (OAL 35.8")	(For 30" boom)	\$28.71	C
140-1376	DANGER RESTRAINT BAR (36")	(For 36" boom)	\$32.40	C
140-1377	DANGER RESTRAINT BAR (48") (OAL 54.5")	(For 48" boom)	\$43.56	C

BOOMS (Optional)

Select Boom from Booms - Compact Equip Price List

ACCESSORIES

190-2660	DEPTH SKID KIT	\$114.43	C
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CHAIN ASSEMBLIES

Select Appropriate 33K or 35K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

24" Depth Requires 52P Chain

30" Depth Requires 62P Chain

36" Depth Requires 68P Chain



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SAW ATTACHMENT**MT9 BASIC SAW ATTACHMENT**

MT9 Base Unit

Includes: Basic Assembly, Production Decal Kit

Total \$7,350.00 R**TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$76.36 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**SAW BLADES (Select one)**

135-5008	SAW BLADE (.50", PDC SHARK, 26")	\$2,722.30 C
135-5009	SAW BLADE (.75", PDC SHARK, 26")	\$3,728.58 C
135-5010	SAW BLADE (1.0", PDC SHARK, 26")	\$5,157.40 C
135-5007	SAW BLADE (1.5", PDC SHARK, 26")	\$6,651.56 C

VIBRATORY PLOW ATTACHMENT**SK5VP VIBRATORY PLOW****SK5VP BASIC ATTACHMENT**

SK5VP Base Unit

Includes: Basic Assembly

Total \$6,883.53 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$19.89 R

ACCESSORIES

190-220	SKID SHOE CONVERSION KIT	\$120.82 C
190-1323	STANDARD SILT FENCE KIT	\$2,074.55 C



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SK15VP VIBRATORY PLOW**SK15VP BASIC ATTACHMENT**

SK15VP Base Unit

Includes: Basic Assembly, Production Decal Kit, Plow Motor Sub

Total \$8,837.14 R**TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$8.54 R

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ACCESSORIES**

190-2671	SKID SHOE KIT	\$567.06 C
350-5121	SK SOD CUTTER KIT	\$402.42 D

ROTO WITCH®**SK5RW BASIC ATTACHMENT**

SK5RW Base Unit

Includes: Basic Assembly, Production Decal Kit

Total \$2,886.55 R**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$70.08 R

For boring tools, refer to the Roto Witch® boring attachment price list**AUGER DRIVERS**

021-1056	SK5PAL - PLNTRY AUGER DRVR LS/HT	\$2,855.97 R
021-146	SK5PAH - PLNTRY AUGER DRVR HS/LT	\$2,772.79 R



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SK ATTACHMENTS

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
118-097	DRILL STRING GUIDE ASSEMBLY (Shipped with Basic Unit)	\$103.47 C
320-924	AUGER 6	\$344.51 C
320-336	AUGER 9	\$389.54 C
320-335	AUGER 12	\$432.16 C
320-925	AUGER 15	\$562.41 C
320-926	AUGER 18	\$630.59 C
320-927	AUGER 24	\$719.45 C
320-337	AUGER 30	\$1,044.48 C
323-186	1 FOOT AUGER EXTENSION	\$326.25 C
323-187	2 FOOT AUGER EXTENSION	\$370.06 C
323-188	3 FOOT AUGER EXTENSION	\$445.55 C
323-189	PILOT BIT	\$45.90 C
323-057	"AUGER ADAPTER 2.56" X 2.0" HX"	\$306.61 C
323-058	"AUGER ADAPTER 2.56" X 2.0" RD"	\$476.16 C
323-059	"AUGER ADAPTER 2.56" X 2.0" SQ"	\$575.23 C
323-060	"NS" AUGER ADAPTER 2.56 X 2.5" HX	\$596.45 C
320-468	AUGER TOOTH, STD	\$6.70 C
320-469	AUGER TOOTH, HHF	\$17.31 C
320-470	AUGER TOOTH, CARBIDE	\$33.81 C

NOTE: Auger assemblies come with standard tooth**Number of teeth for each auger assembly: 6" = 2, 9" = 4, 12" = 4, 15" = 5, 18" = 6, 24" = 8, 30" = 10****INSTALLATION CHARGES**

Additional charge for factory installed attachments and accessories	
Install boom and chain	\$80.00 A
Install CE kit	\$40.00 A
Install silt fence	\$160.00 A
Install environmentally compatible fluids	\$213.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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HEAVY DUTY

- **RT55**
- **RT80T4**
- **RT80Q**
- **RT100 (less regulated)**
- **RT105**
- **RT120 (less regulated)**
- **RT120Q (less regulated)**
- **RT125**
- **RT125Q**
- **HT275**



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RT55

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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RT55

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT55** hydrostatic unit can be used with a variety of front and rear attachments.
The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT55** basic unit includes the following:

- Deutz D2011L04OL liquid (oil cooled) diesel engine (62 hp gross @ 2,600 rpm), EPA Tier 4i and EU Stage IIIA compliant
- Four-wheel drive
- 2 - post Roll Over Protective Structure
- Hand throttle
- Enclosed and lubricated ground drive gearbox
- Infinitely variable hydrostatic attachment drive
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Volt meter
- Tachometer with hour meter
- Air filter restriction indicator
- Hydraulic filter restriction indicator
- Interlock start monitor
- Test ports for system pressure
- Fuel gauge
- Engine oil pressure gauge
- Engine temperature gauge

RT55 STANDARD #1

RT55H Base

Includes: Basic Assembly, Production Decal Kit, Backfill Blade, Tilt Assembly Kit

RT55H Engine LRC

Rigid Rear Diff

Cruise Ground Drive

Crs Ground Dr W/O EC

Std. Seat Deck

31X10 Solid Tire

Environmental Oil

Total \$65,110.83 T

RT55 BASIC UNIT

RT55H Base

Includes: Basic Assembly, Production Decal Kit, Backfill Blade, Tilt Assembly Kit

RT55H Engine LRC

\$46,320.05 T

EUROPEAN COMPLIANCE KIT

350-2156 RT55 / RT80 EC KIT

\$214.29 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(RT55 - 104)



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RT55

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
<p>NOTES: If RT55H is not equipped with a backhoe or reel carrier, the counterweight kit is required A523 and H516 requires 200 lbs. on opposite side of traverse A523 requires 300 lbs. on right side RC55 (less than 700 lb. reel) requires 480 lbs. nose counterweights and 1200 lbs. on plow frame RC55 (700 lb. to 1,500 lb. reel) requires 1200 lbs. on plow frame RC55 (less than 700 lb. reel) requires 400 lbs. TBS on front axle, 480 lbs. nose counterweights and 300 lbs. on right side RC55 (700 lb. to 1,500 lb. reel) requires 300 lbs. on right side</p>		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$104.38 T
	ISO Decal Kit	\$38.30 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GROUND DRIVE (Select one)		
	Std. Ground Drive Standard Pump Controls	\$3,984.22 T
	Std. Ground Drive EC Deck Pump Controls	\$4,121.86 T
	Cruise Ground Drive Standard Cruise Deck Tower	\$5,760.03 T
	Cruise Ground Drive EC Cruise Deck Tower	\$5,644.52 T
REAR DIFFERENTIALS (Select one)		
	Rigid Rear Diff	\$5,688.75 T
	Rear Steer Diff	\$7,793.93 T
SEAT DECKS (Select one)		
	Std. Seat Deck	\$1,086.38 T
	EC Seat Deck	\$1,230.17 T
TIRES/WHEELS (Select one)		
	31X15-50 Tire	(4 included) \$3,217.25 T
	31X10 Solid Tire	(4 included) \$5,372.25 T
	35X19.00 Tire	(4 included) \$3,852.80 T
COUNTERWEIGHT (Optional)		
104-080	COUNTERWEIGHT KIT	(Required if RT55H is not equipped with backhoe or reel carrier) \$4,500.00 C



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RT55

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ROPS KIT (Optional)		
	RT55 4-Post	\$2,763.64 T
MANIFOLD KIT (Optional)		
	Hydraulic Manifold	\$683.49 T
ACCESSORIES		
650-1309	COLD START KIT	\$556.32 C
604-991	DUAL BATTERY KIT	\$287.85 C
604-958	2-POST LIGHT KIT	\$686.83 C
604-957	4-POST LIGHT KIT	\$635.05 C
191-380	BACK UP ALARM KIT W/CRUISE	\$117.86 C
191-381	BACKUP ALARM KIT W/O CRUISE	\$320.08 C
191-382	MUFFLER GUARD KIT	\$123.74 C
190-1647	REAR WEIGHT RACK (Required when using reel carrier with RT55/MT12)	\$1,093.32 C
190-2181	RT55 T4i UPTIME KIT	\$355.18 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	12 Gallons \$883.37 T

REAR MOUNTED ATTACHMENTS

Trenching - See H516 in Rear Attachment price sheet
Microtrencher - See MT12 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A523 in Front Attachment price sheet
Roto Witch® Attachment - See Roto Witch® price sheet
Reel Carrier - See RC55 in Front Attachment price sheet



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RT55

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install 6-way tilt backfill blade	\$80.00 A
	Install auxiliary manifold kit	\$80.00 A
	Install boom, chain and augers	\$120.00 A
	Install H516 trencher	\$160.00 A
	Install MT12 attachment	\$200.00 A
	Install A523 backhoe and walkway	\$160.00 A
	Install Roto Witch® boring attachment	\$120.00 A
	Install trench cleaner	\$80.00 A
	Install reel carrier	\$240.00 A
	Install nose cone counterweight	\$80.00 A
	Install front counterweight	\$80.00 A
	Install dual battery kit	\$80.00 A
	Install environmentally compatible fluids	\$710.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT80T4

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT80T4

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch*® **RT80T4** hydrostatic unit can be used with a variety of front and rear attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The *Ditch Witch*® **RT80T4** basic unit includes the following:

- Deutz TD 3.6 L4 water cooled diesel engine (74 hp gross @ 2,500 rpm) EPA Tier 4, EU Stage IIIB compliant
- OR**
- Deutz TD 3.6 L4 water cooled diesel engine (74 hp gross @ 2,500 rpm) EPA Tier 4i, EU Stage IIIA compliant
- Four-wheel drive
- 2 - post Roll Over Protective Structure
- Hand throttle
- Cruise control
- Rear steer
- 3 speed "shift on the fly" ground drive
- Automotive type steering on oscillating Carraro front differential
- Enclosed and lubricated ground drive gearbox
- Infinitely variable hydrostatic attachment drive
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Integrated Digital Gauge Display (gauges, interlock, indicators, and diagnostic)
- Air filter restriction indicator

RT80T4 STANDARD #1

RT80T4 Base

Includes: Basic Assembly and Production Decal Kit

RT80T4 Engine HRC

355/55-625 Air Tire

Total \$80,549.51 T**RT80T4 STANDARD #2**

RT80T4 Base

Includes: Basic Assembly and Production Decal Kit

RT80T4 Engine HRC

31 X 10 Solid Tire

Total \$81,933.79 T



CONFIDENTIAL

RT80T4

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	RT80T4 BASIC UNIT	
	RT80T4 Base	
	Includes: Basic Assembly and Production Decal Kit RT80T4 Engine HRC	\$76,790.31 T
	OR	
	RT80T4 Base	
	Includes: Basic Assembly and Production Decal Kit RT80T4 Engine LRC	\$76,125.85 T

NOTE: If RT80 is not equipped with a backhoe or reel carrier, the counterweight kit is required**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit \$68.63 T

ISO Decal Kit \$60.43 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**TIRES/WHEELS (Select one)**

355/55-625 Air Tire (4 included) \$3,759.20 T

355/55-625 Urethane (4 included) \$5,322.02 T

31 X 10 Solid Tire (4 included) \$5,143.48 T

500/45-20 Air Tire (4 included with Front Axle Stop) \$5,656.16 T

500/45-20 Urethane (4 included with Front Axle Stop) \$8,373.22 T

FRONT OPTION (Required when not ordering A820)

Cowl and Grill (Select if no Aux Hyd Manifold) \$1,137.55 T

Cowl and Grill (Select for Aux Hyd Manifold) \$1,059.15 T

ORANGE INTEL™ OPTIONS (Select one)

350-5371 GPS ONLY FOR GPS-READY \$545.90 D

NOTE: Equipment Registration Activates GPS and Telematics Boxes**ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)**

240-1118 1 Year Data Service Plan GPS ONLY \$299.40 A

NOTE: Sold in One Year Increments



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RT80T4

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BACKFILL BLADE (Optional)		
	Backfill Blade	\$2,423.72 T
OPERATOR STATION OPTIONS (Optional)		
	RT80T4 4-Post	\$2,010.08 T
MANIFOLD KIT (Optional)		
	Hydraulic Manifold	\$476.43 T
COUNTERWEIGHT (Optional)		
350-3656	COUNTER WEIGHT ASSEMBLY (15 PLT) (Required if not equipped with front attachment or H853)	\$4,390.83 T
350-4820	COUNTER WEIGHT ASSEMBLY (19 PLT) (Required if equipped with H853 with no front attachment)	\$5,702.34 T
350-4452	BACKHOE COUNTERWEIGHT KIT (Required if equipped with H853 and A820)	\$696.61 C
ACCESSORIES		
190-1997	WORK LIGHT KIT	\$326.04 C
190-1998	FLASHER LIGHT KIT	\$180.60 C
350-2155	EDC BACK-UP ALARM KIT	\$117.86 C
375-0020	WHEEL WEIGHT (24" RIM, 350#), BLACK (For 355/55-625 and 31 x 10 tires, includes 2 weights and hardware)	\$676.19 C
350-4395	WHEEL WEIGHT BOLT KIT (Contains hardware to mount 2, 375-0020)	\$72.45 C
350-5604	WHEEL WEIGHT ASSEMBLY (For 500/45-20 tires, includes 2 weights and hardware)	\$1,869.51 C
350-5603	AXLE TILT STOP ASSEMBLY (Required with 500/45-20 tires)	\$186.20 C
350-4840	REAR AXLE STEERING STOPS (Required when mounting MT12 and MT16)	\$82.75 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	20 Gallons \$1,472.29 T

REAR MOUNTED ATTACHMENTS

Trenching - See H810 and H813 in Rear Attachment price sheet
 Plow - See H832 in Rear Attachment price sheet
 Combo- See H853 in Rear Attachment price sheet
 Microtrencher - See MT12 and MT16 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A820 in Front Attachment price sheet
 Roto Witch® Attachment - See Roto Witch® price sheet
 Reel Carrier - See RC80 in Front Attachment price sheet



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RT80T4

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install counterweight kit	\$80.00 A
	Install reel carrier	\$240.00 A
	Install 6-way tilt backfill blade	\$80.00 A
	Install auxiliary manifold kit	\$80.00 A
	Install boom, chain and augers	\$120.00 A
	Install H810 trencher	\$160.00 A
	Install H813 trencher	\$160.00 A
	Install H832 plow	\$320.00 A
	Install H853 combo	\$320.00 A
	Install MT12 attachment	\$200.00 A
	Install MT16 attachment	\$360.00 A
	Install A820 backhoe and walkway	\$160.00 A
	Install trench cleaner	\$80.00 A
	Install nose cone counterweight	\$80.00 A
	Install environmentally compatible fluids	\$710.00 A
	Install wheel weights (each)	\$40.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

RT80Q

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT80Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch*® RT80Q hydrostatic unit can be used with a variety of front and rear attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The *Ditch Witch*® RT80Q basic unit includes the following:

- Deutz TD 3.6 L4 water cooled diesel engine (74 hp gross @ 2,500 rpm)
EPA Tier 4, EU Stage IIIB compliant
- OR**
- Deutz TD 3.6 L4 water cooled diesel engine (74 hp gross @ 2,500 rpm)
EPA Tier 4i, EU stage IIIA compliant
- Four-wheel drive
- 2 - post Roll Over Protective Structure
- Hand throttle
- Cruise control
- Rear steer
- Quad track assembly
- 3 speed "shift on the fly" ground drive
- Automotive type steering on oscillating Carraro front differential
- Enclosed and lubricated ground drive gearbox
- Infinitely variable hydrostatic attachment drive
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Integrated Digital Gauge Display (gauges, interlock, indicators, and diagnostic)
- Air filter restriction indicator

RT80Q STANDARD #1

RT80Q Base

Includes: Basic Assembly, Production Decal Kit, Rear Panel,
Track Assembly, Hub Adapter Assembly
RT80Q Engine HRC

Total \$116,485.57 T

RT80Q STANDARD #2

RT80Q Base

Includes: Basic Assembly, Production Decal Kit, Rear Panel,
Track Assembly, Hub Adapter Assembly
RT80Q Engine LRC

Total \$102,720.56 T

NOTE: If RT80Q is not equipped with a backhoe or reel carrier, the counterweight kit is required



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RT80Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$68.63 T
	ISO Decal Kit	\$53.24 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION OPTIONS (Select one)		
	RT80Q 4-Post HRC	\$2,010.08 T
	RT80Q 4-Post LRC	\$1,319.36 T
FRONT OPTION (Required when not ordering A820)		
	Cowl and Grill (Select if no Aux Hyd Manifold)	\$1,137.55 T
	Cowl and Grill (Select for Aux Hyd Manifold)	\$1,059.15 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
BACKFILL BLADE (Optional)		
	Backfill Blade	\$5,633.65 T
MANIFOLD KIT (Optional)		
	Hydraulic Manifold	\$476.43 T
COUNTERWEIGHT (Optional)		
350-3656	COUNTER WEIGHT ASSEMBLY (15 PLT) (Required if RT80Q is not equipped with backhoe or reel carrier)	\$4,390.83 T
ACCESSORIES		
190-1997	WORK LIGHT KIT	\$326.04 C
190-1998	FLASHER LIGHT KIT	\$180.60 C
191-285	CYLINDER GUARD KIT	\$72.19 C
350-2155	EDC BACK-UP ALARM KIT	\$117.86 C
190-2122	RT80Q T4F UPTIME KIT	\$856.86 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	20 Gallons \$1,472.29 T



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RT80Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR MOUNTED ATTACHMENTS

Trenching - See H810 and H813 in Rear Attachment price sheet

Plow - See H832 in Rear Attachment price sheet

Combo- See H853 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A820 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet

Reel Carrier - See RC80 in Front Attachment price sheet

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install counterweight kit \$80.00 A

Install reel carrier \$240.00 A

Install 6-way tilt backfill blade \$80.00 A

Install auxiliary manifold kit \$80.00 A

Install boom, chain and augers \$120.00 A

Install H810 trencher \$160.00 A

Install H813 trencher \$160.00 A

Install H832 plow \$320.00 A

Install H853 combo \$320.00 A

Install A820 backhoe and walkway \$160.00 A

Install trench cleaner \$80.00 A

Install nose cone counterweight \$80.00 A

Install environmentally compatible fluids \$710.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT100 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT100 Powershift** unit can be used with a trencher and a backhoe.

The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT100 Powershift** basic unit includes the following:

- Deutz TCD3.6L4 water-cooled diesel engine (100 hp gross @ 2,300 rpm) EPA Tier 4i, EU Stage IIIB compliant
- OR
- Deutz TCD3.6L4 water-cooled diesel engine (100 hp gross @ 2,300 rpm) EPA Tier 3, EU Stage IIIA compliant
- Four-wheel drive
- 4 - post Roll Over Protective Structure
- Hand throttle
- Enclosed and lubricated gearbox
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Air filter restriction indicator
- Test ports for system pressure
- Auxiliary hydraulic system pressure gauge
- 2 Speed Torque Converter Transmission
- Integrated Digital Gauge Display (gauges, interlock, indicators, and diagnostic)

RT100 STANDARD #1

RT100 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit

RT100 Engine LRC

RT100 4-Post

Rear Steer Tilt Diff

Total \$99,503.03 T

RT100 STANDARD #2

RT100 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit

RT100 Engine LRC

RT100 4-Post

Rear Steer Diff

Total \$97,878.25 T



CONFIDENTIAL

RT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	RT100 BASIC UNIT	
	RT100 Base Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit RT100 Engine LRC	\$85,269.79 T
	OR	
	RT100 Base Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit RT100 Engine HRC	\$85,269.79 T
	NOTE: If RT100 is not equipped with a backhoe, the counterweight kit is required	
	TRANSLATION DECALS (Select if translation is needed)	
	Foreign Decal Kit	\$22.95 T
	ISO Decal Kit	\$68.66 T
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
	OPERATOR STATION OPTIONS (Select one)	
	RT100 4-Post	\$4,762.15 T
	RT100 Cab Shipped with: ASSY, RT120/RT100 HEAT & A/C	\$22,439.97 T
	REAR DIFFERENTIAL / TILT OPTIONS (Select one)	
	Rear Steer Diff	\$7,846.31 T
	Rear Steer Tilt Diff	\$9,471.09 T
	Rigid Diff	\$5,565.67 T
	Rigid Tilt Diff	\$7,574.52 T
	MANIFOLD KIT (Optional)	
	Manifold Kit W/ Front ATT	\$584.83 T
	Manifold Kit W/O Front ATT	\$757.52 T
	COUNTERWEIGHT (Optional)	
350-1416	ASSY, NOSE WEIGHT (Required if RT100 is not equipped with backhoe or reel carrier)	\$2,869.78 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T



CONFIDENTIAL

RT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ACCESSORIES		
190-1307	EC Kit	\$39.37 C
350-1402	ASSY, RT LIGHT KIT W/BLACK BROW CANOPY	\$1,187.30 T
190-1902	KIT, CYLINDER GUARD	\$54.99 C
350-1452	ASSY, BACKUP ALARM KIT	\$110.01 T
350-1497	ASSY, STACK GUARD	\$341.73 C
190-2623	PAD HEATER COLD START KIT	\$373.88 C
190-2147	RT100 T4i UPTIME KIT	\$806.59 B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 29 Gallons \$2,134.81 T

REAR MOUNTED ATTACHMENTS

Trenching - See M910 and M912 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A920 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet



CONFIDENTIAL

RT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install 6-way tilt backfill blade	\$80.00 A
	Install boom, chain and augers	\$120.00 A
	Install M910 centerline trencher	\$320.00 A
	Install M912 centerline trencher	\$320.00 A
	Install A920 backhoe and walkway	\$320.00 A
	Install hydraulic trench cleaner	\$120.00 A
	Install reel carrier	\$240.00 A
	Install nose cone counterweight	\$80.00 A
	Install front counterweight	\$80.00 A
	Install dual battery kit	\$80.00 A
	Install environmentally compatible fluids	\$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT105

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT105

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT105 Powershift** unit can be used with a trencher and a backhoe.

The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT105 Powershift** basic unit includes the following:

- Deutz TCD3.6L4 water-cooled diesel engine (107 hp gross @ 2,300 rpm) EPA Tier 4 Final, EU Stage IV compliant
- Four-wheel drive
- 6 - post Roll Over Protective Structure
- Hand throttle
- Tilt frame
- Rear steer
- Enclosed and lubricated gearbox
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat with 120° rotation
- Seat belt
- Parking brake
- 12 volt electric start
- Test ports for system pressure
- 2 Speed torque converter transmission
- Digital color display integrated in operator's console

RT105 STANDARD #1

RT105 Base

Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit

RT105 Engine HRC

RT105 4-Post

Rear Steer Tilt Diff

Standard Seat

38 X 18-20 16PLY

Total \$141,077.18 T**RT105 STANDARD #2**

RT105 Base

Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit

RT105 Engine HRC

RT105 4-Post

Rear Steer Diff

Standard Seat

38 X 18-20 16PLY

Total \$140,132.18 T



CONFIDENTIAL

RT105

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RT105 BASIC UNIT		
	RT105 Base Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit RT105 Engine HRC	\$120,505.58 T
NOTE: If RT105 is not equipped with a backhoe, the counterweight kit is required		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$12.05 T
	ISO Decal Kit	\$68.50 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION OPTIONS (Select one)		
	RT105 4-Post (Open Station, No Operator Dampening)	\$7,875.00 T
	RT105 4-Post (Open Station, Operator Dampening)	\$7,875.00 T
	RT105 Cab	\$32,025.00 T
OPERATOR DAMPENING OPTIONS (Select one)		
	Standard Seat (No Operator Dampening)	\$472.50 T
	Operator Dampening (Operator Dampening)	\$2,043.58 T
TIRES/WHEELS (Select one)		
	38 X 18-20 16PLY (4 included)	\$4,454.10 T
	Shipping Wheels (If being shipped via vessel) (4 included)	\$848.40 T
REAR DIFFERENTIAL / TILT OPTIONS (Select one)		
	Rear Steer Diff	\$6,825.00 T
	Rear Steer Tilt Diff	\$7,770.00 T
	Rigid Diff	\$5,250.00 T
	Rigid Tilt Diff	\$6,195.00 T
MANIFOLD KIT (Optional)		
	Manifold Kit	\$697.57 T
COUNTERWEIGHT (Optional)		
350-4677	ASSY, NOSE WEIGHT (Required if RT105 is not equipped with backhoe or reel carrier)	\$2,813.51 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T



CONFIDENTIAL

RT105

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
350-4656	LIGHT KIT	\$1,650.00 T
191-285	CYLINDER GUARD KIT	\$72.19 C
191-1039	BACKUP ALARM KIT	\$75.00 T
350-1537	SUB, EXHAUST COVER	\$675.00 T
190-2623	PAD HEATER COLD START KIT	\$373.88 C
190-2643	SOFTCAB	\$2,129.55 C
350-5065	WEIGHT RACK KIT	\$2,435.00 T
350-5066	EXTENDED WEIGHT RACK KIT	\$2,435.00 T
375-369	WEIGHT CASTING	\$169.90 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	29 Gallons \$2,134.81 T

REAR MOUNTED ATTACHMENTS

Trenching - See CT100M and DT100M in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See BH120 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install 6-way tilt backfill blade	\$80.00 A
Install boom, chain and augers	\$120.00 A
Install CT100M centerline trencher	\$320.00 A
Install DT100M dual pivot trencher	\$320.00 A
Install BH120 backhoe and walkway	\$320.00 A
Install hydraulic trench cleaner	\$120.00 A
Install reel carrier	\$240.00 A
Install side counterweight	\$80.00 A
Install front counterweight	\$80.00 A
Install environmentally compatible fluids	\$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT120 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT120 (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT120** hydrostatic unit can be used with a variety of front and rear attachments.
The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT120** basic unit includes the following:

- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 4i, EU Stage IIIB compliant
- OR**
- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 3, EU Stage IIIA compliant
- Four-wheel drive
- 4 - post Roll Over Protective Structure
- Hand throttle
- Automotive type steering on oscillating Carraro front differential
- Enclosed and lubricated gearbox
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Air filter restriction indicator
- Test ports for system pressure
- Integrated Digital Gauge Display (gauges, interlock, indicators, and diagnostic)
- Auxiliary hydraulic system pressure gauge

RT120 STANDARD #1

RT120 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit
RT120 Engine LRC
Rear Steer Tilt Diff

Total \$112,780.29 T**RT120 STANDARD #2**

RT120 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit
RT120 Engine LRC
Rear Steer Diff

Total \$111,201.93 T**RT120 BASIC UNIT**

RT120 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit
RT120 Engine LRC

\$103,579.80 T**OR**

RT120 Base

Includes: Basic Assembly, Production Decal Kit, 4-T/W (38 X 18.00-20,16PLY), Backfill Blade, Ship Kit
RT120 Engine HRC (T4i)

\$103,579.80 T**NOTE: If RT120 is not equipped with a backhoe or reel carrier, the counterweight kit is required**

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(RT120 (less regulated) - 127)



CONFIDENTIAL

RT120 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$41.18 T
	ISO Decal Kit	\$76.76 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION OPTIONS (Select one)		
	RT120 4-Post	\$4,626.09 T
	RT120 HD 4-Post	\$5,108.21 T
	RT120 Cab	\$22,049.07 T
	Shipped with: ASSY, RT120/RT100 HEAT & A/C ASSY, AC PARTS 120 ONLY	
REAR DIFFERENTIAL / TILT OPTIONS (Select one)		
	Rear Steer Diff	\$7,622.13 T
	Rear Steer Tilt Diff	\$9,200.49 T
	Rigid Diff	\$5,406.65 T
	Rigid Tilt Diff	\$7,358.11 T
MANIFOLD KIT (Optional)		
	Manifold Kit W/ Front ATT	\$679.63 T
	Manifold Kit W/O Front ATT	\$679.63 T
COUNTERWEIGHTS (Optional)		
350-1416	ASSY, NOSE WEIGHT	(Required if RT120 is not equipped with backhoe or reel carrier) \$2,869.78 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		



CONFIDENTIAL

RT120 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
190-1307	EC Kit	\$39.37 C
350-1402	ASSY, RT LIGHT KIT W/BLACK BROW CANOPY (Ships standard with cab)	\$1,187.30 T
190-1902	KIT, CYLINDER GUARD	\$54.99 C
350-1452	ASSY, BACKUP ALARM KIT (Required when mounting any saw)	\$110.01 T
350-1497	ASSY, STACK GUARD	\$341.73 C
350-1453	ASSY, EXTENDED WEIGHT RACK	\$4,495.99 T
375-080	COUNTERWEIGHT (100 LBS)	\$172.30 C
190-2623	PAD HEATER COLD START KIT	\$373.88 C
190-2142	RT120 T4i UPTIME KIT	\$720.79 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	29 Gallons \$2,093.00 T

REAR MOUNTED ATTACHMENTS

Trenching - See H910 and H911 in Rear Attachment price sheet

Plow - See H932 in Rear Attachment price sheet

Combo- See H952 in Rear Attachment price sheet

Saw- See H942, H1140, HD930, HD940 and HD946 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A920 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet

Reel Carrier - See RC120 in Front Attachment price sheet



CONFIDENTIAL

RT120 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install 6-way tilt backfill blade	\$80.00 A
	Install boom, chain and augers	\$120.00 A
	Install H910 centerline trencher	\$320.00 A
	Install H911 traversing trencher	\$320.00 A
	Install H932 plow attachment	\$320.00 A
	Install H952 combo attachment	\$400.00 A
	Install H942 / H1140 saw	\$320.00 A
	Install saw segments	\$120.00 A
	Install A920 backhoe and walkway	\$320.00 A
	Install hydraulic trench cleaner	\$120.00 A
	Install reel carrier	\$240.00 A
	Install nose cone counterweight	\$80.00 A
	Install front counterweight	\$80.00 A
	Install rear engine support kit	\$120.00 A
	Install muffler support kit	\$40.00 A
	Install environmentally compatible fluids	\$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

RT120Q (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT120Q (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT120Q** hydrostatic unit can be used with a variety of front and rear attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT120Q** basic unit includes the following:

- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 4i, EU Stage IIIB compliant
- OR**
- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 3, EU Stage IIIA compliant
- Four-wheel drive
- 4 - post Roll Over Protective Structure
- Hand throttle
- Cruise control
- Tilt frame
- Rear steer
- Quad track assembly
- 3 speed "shift on the fly" ground drive
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat
- Seat belt
- Parking brake
- 12 volt electric start
- Air filter restriction indicator
- Hydraulic filter restriction indicator
- Test ports for system pressure
- Auxiliary hydraulic system pressure gauge
- Integrated Digital Gauge Display (gauges, interlock, indicators, and diagnostic)

RT120Q STANDARD #1

RT120Q Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Track Assembly, Rops Assembly
RT120Q Engine LRC

Total \$150,605.89 T**RT120Q BASIC UNIT**

RT120Q Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Track Assembly, Rops Assembly
RT120Q Engine LRC

\$150,605.89 T**OR**

RT120Q Base

Includes: Basic Assembly, Production Decal Kit, Left/Right Track Assembly, Rops Assembly
RT120Q Engine HRC (T4i)

\$150,605.89 T



CONFIDENTIAL

RT120Q (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$41.20 T
	ISO Decal Kit	\$88.31 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
MANIFOLD KIT (Optional)		
	Manifold Kit W/ Front ATT	\$679.63 T
	Manifold Kit W/O Front ATT	\$679.63 T
BACKFILL BLADE (Optional)		
	Backfill Blade	\$7,168.24 T
COUNTERWEIGHT (Optional)		
350-1416	ASSY, NOSE WEIGHT (Required if RT120Q is not equipped with backhoe or reel carrier)	\$2,869.78 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
190-1307	EC Kit	\$39.37 C
350-1402	ASSY, RT LIGHT KIT W/BLACK BROW CANOPY	\$1,187.30 T
350-1452	ASSY, BACKUP ALARM KIT (Required when mounting any saw)	\$110.01 T
190-1902	KIT, CYLINDER GUARD	\$54.99 C
350-1497	ASSY, STACK GUARD	\$341.73 C
350-1453	ASSY, EXTENDED WEIGHT RACK	\$4,495.99 T
375-080	COUNTERWEIGHT (100 LBS)	\$172.30 C
190-2623	PAD HEATER COLD START KIT	\$373.88 C
190-2166	RT120Q T4i UPTIME KIT	\$729.30 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	29 Gallons \$2,134.81 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(RT120Q (less regulated) - 133)



CONFIDENTIAL

RT120Q (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR MOUNTED ATTACHMENTS

Trenching - See H910 and H911 in Rear Attachment price sheet
 Plow - See H1032 in Rear Attachment price sheet
 Combo- See H1052 in Rear Attachment price sheet
 Saw- H1140, HD940 and HD946 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See A920 in Front Attachment price sheet
 Roto Witch® Attachment - See Roto Witch® price sheet
 Reel Carrier - See RC120 in Front Attachment price sheet

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories	
Install 6-way tilt backfill blade	\$80.00 A
Install backfill blade assembly – arm and hydraulics	\$320.00 A
Install boom, chain and augers	\$120.00 A
Install H910 centerline trencher	\$320.00 A
Install H911 traversing trencher	\$320.00 A
Install H1032 plow attachment	\$320.00 A
Install H1052 plow attachment	\$320.00 A
Install H942 / H1140 saw	\$320.00 A
Install saw segments	\$120.00 A
Install A920 backhoe and walkway	\$320.00 A
Install hydraulic trench cleaner	\$120.00 A
Install reel carrier	\$240.00 A
Install nose cone counterweight	\$80.00 A
Install front counterweight	\$80.00 A
Install environmentally compatible fluids	\$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT125

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT125

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch*® RT125 hydrostatic unit can be used with a variety of front and rear attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The *Ditch Witch*® RT125 basic unit includes the following:

- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 4, EU Stage IV compliant
- Four-wheel drive
- 6 - post Roll Over Protective Structure
- Hand throttle
- Cruise control
- Tilt frame
- Rear steer
- 4 speed ground drive
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat with 120° rotation
- Seat belt
- Parking brake
- 12 volt electric start
- Test ports for system pressure
- Digital color display integrated in operator's console

RT125 STANDARD #1

RT125 Base

Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit

RT125 Engine HRC

RT125 4-Post

Rear Steer Tilt Diff

Standard Seat

38 X 18-20 16-AIR

Total \$145,059.22 T

RT125 STANDARD #2

RT125 Base

Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit

RT125 Engine HRC

RT125 4-Post

Rear Steer Diff

Standard Seat

38 X 18-20 16-AIR

Total \$144,159.22 T

RT125 BASIC UNIT

RT125 Base

Includes: Basic Assembly, Production Decal Kit, Low Angle Backfill Blade, Ship Kit

RT125 Engine HRC

\$125,467.22 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(RT125 - 136)



CONFIDENTIAL

RT125

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
NOTE: If RT125 is not equipped with a backhoe or reel carrier, the nose weight is required		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$11.48 T
	ISO Decal Kit	\$68.50 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION OPTIONS (Select one)		
RT125 4-Post	(Open Station, No Operator Dampening)	\$7,500.00 T
RT125 4-Post	(Open Station, Operator Dampening)	\$7,500.00 T
RT125 Cab		\$30,500.00 T
OPERATOR DAMPENING OPTIONS (Select one)		
Standard Seat	(No Operator Dampening)	\$450.00 T
Operator Dampening	(Operator Dampening)	\$1,946.27 T
NOTE: Enhanced operator dampening kit required with rock saws, and recommended for use with trenchers and combos if trenching in rocky or frozen ground		
TIRES/WHEELS (Select one)		
38 X 18-20 16-AIR	(4 included)	\$4,242.00 T
38 X 18-20 16-URE	(4 included)	\$7,192.00 T
NOTE: Front/Rear Urethane filled tires required when mounting Combo and no Front Attachment		
38 X 18-20 CMB W/FA	(4 included)	\$5,717.00 T
NOTE: Rear Urethane filled tires required when mounting Combo and Front Attachment		
Shipping Wheels	(If being shipped via vessel) (4 included)	\$808.00 T
REAR DIFFERENTIAL / TILT OPTIONS (Select one)		
Rear Steer Diff		\$6,500.00 T
Rear Steer Tilt Diff		\$7,400.00 T
Rigid Diff		\$5,000.00 T
Rigid Tilt Diff		\$5,900.00 T
MANIFOLD KIT (Optional)		
Manifold Kit		\$664.35 T
COMBO DIVERTER (Optional)		
Combo Diverter	(Required when mounting Combo)	\$355.00 T



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RT125

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
COUNTERWEIGHT (Optional)		
350-4677	ASSY, NOSE WEIGHT (Required if RT125 is not equipped with backhoe or reel carrier)	\$2,813.51 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T
ACCESSORIES		
191-1039	BACKUP ALARM KIT (Required when mounting any saw)	\$75.00 T
191-285	CYLINDER GUARD KIT	\$72.19 C
190-2623	PAD HEATER COLD START KIT	\$373.88 C
350-4656	LIGHT KIT	\$1,650.00 T
350-1537	SUB, EXHAUST COVER	\$675.00 T
190-2643	SOFTCAB	\$2,129.55 C
350-5065	WEIGHT RACK KIT	\$2,435.00 T
350-5066	EXTENDED WEIGHT RACK KIT	\$2,435.00 T
375-369	WEIGHT CASTING	\$169.90 C
190-2142	RT120 T4i UPTIME KIT	\$720.79 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 29 Gallons	\$2,134.81 T

REAR MOUNTED ATTACHMENTS

Trencher - See CT120H in Rear Attachment price sheet

Trencher - See ST120H in Rear Attachment price sheet

Plow - See VP120H in Rear Attachment price sheet

Combo - See PT120H in Rear Attachment price sheet

Saw - See RS40, HD930, HD940, HD942 and HD946 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See BH120 in Front Attachment price sheet

Reel Carrier - See RC30 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet

**CONFIDENTIAL****RT125****SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
INSTALLATION CHARGES		
	Additional charge for factory installed attachments and accessories	
	Install 6-way tilt backfill blade	\$80.00 A
	Install backfill blade assembly – arm and hydraulics	\$320.00 A
	Install boom, chain and augers	\$120.00 A
	Install CT120H centerline trencher	\$320.00 A
	Install ST120H sliding trencher	\$320.00 A
	Install VP120H plow attachment	\$320.00 A
	Install PT120H combo	\$320.00 A
	Install RS40 saw	\$320.00 A
	Install saw segments	\$120.00 A
	Install BH120 backhoe and walkway	\$320.00 A
	Install hydraulic trench cleaner	\$120.00 A
	Install reel carrier	\$240.00 A
	Install side counterweight	\$80.00 A
	Install front counterweight	\$80.00 A
	Install environmentally compatible fluids	\$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

RT125Q

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RT125Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® RT125Q** hydrostatic unit can be used with a variety of front and rear attachments. The basic power unit is priced less all options and attachments. Select these items from the appropriate lists.

The **Ditch Witch® RT125Q** basic unit includes the following:

- Deutz TCD 3.6 L4 water-cooled diesel engine (121 hp gross @ 2300 rpm) EPA Tier 4, EU Stage IV compliant
- Four-wheel drive
- 6 - post Roll Over Protective Structure
- Hand throttle
- Cruise control
- Tilt frame
- Rear steer
- Quad track assembly
- 3 speed "shift on the fly" ground drive
- Automotive type steering on oscillating Carraro front differential
- Deluxe adjustable operator's seat with 120° rotation
- Seat belt
- Parking brake
- 12 volt electric start
- Test ports for system pressure
- Digital color display integrated in operator's console

RT125Q STANDARD #1

RT125Q Base

Includes: Basic Assembly, Production Decal Kit, T4F Tilt Rear Axle Assembly,
Track Assembly, Rotation Stop, Adapter Bolt Sub
RT125Q Engine HRC
RT125Q 4-Post
Standard Seat

Total \$170,500.00 T

RT125Q BASIC UNIT

RT125Q Base

Includes: Basic Assembly, Production Decal Kit, T4F Tilt Rear Axle Assembly,
Track Assembly, Rotation Stop, Adapter Bolt Sub
RT125Q Engine HRC

\$162,550.00 T

NOTE: If RT125Q is not equipped with a backhoe or reel carrier, the nose weight is required**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$11.48 T

ISO Decal Kit

\$68.50 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

RT125Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
OPERATOR STATION OPTIONS (Select one)		
RT125Q 4-Post	(Open Station, No Operator Dampening)	\$7,500.00 T
RT125Q 4-Post	(Open Station, Operator Dampening)	\$7,500.00 T
RT125Q Cab		\$30,500.00 T
OPERATOR DAMPENING OPTIONS (Select one)		
Standard Seat	(No Operator Dampening)	\$450.00 T
Operator Dampening	(Operator Dampening)	\$1,946.27 T
NOTE: Enhanced operator dampening kit required with rock saws, and recommended for use with trenchers and combos if trenching in rocky or frozen ground		
VESSEL SHIPMENT		
Vessel Shipment		\$808.00 T
NOTE: Will be shipped with any basic unit shipped outside the United States		
BACKFILL BLADE (Optional)		
Backfill Blade		\$7,164.00 T
MANIFOLD KIT (Optional)		
Manifold Kit		\$664.35 T
COUNTERWEIGHT (Optional)		
350-4677	ASSY, NOSE WEIGHT (Required if RT125Q is not equipped with backhoe or reel carrier)	\$2,813.51 T
350-1431	ASSY, SIDE COUNTERWEIGHTS	\$1,181.68 T
ACCESSORIES		
191-1039	BACKUP ALARM KIT (Required when mounting any saw)	\$75.00 T
191-285	CYLINDER GUARD KIT	\$72.19 C
190-2623	PAD HEATER COLD START KIT	\$373.88 C
350-4656	LIGHT KIT	\$1,650.00 T
350-1537	SUB, EXHAUST COVER	\$675.00 T
190-2643	SOFTCAB	\$2,129.55 C
350-5065	WEIGHT RACK KIT	\$2,435.00 T
350-5066	EXTENDED WEIGHT RACK KIT	\$2,435.00 T
375-369	WEIGHT CASTING	\$169.90 C
190-2167	RT125Q UPTIME KIT	\$480.00 B
ENVIRONMENTAL HYDRAULIC OIL		
Environmental Oil	29 Gallons	\$2,134.81 T



CONFIDENTIAL

RT125Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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REAR MOUNTED ATTACHMENTS

Trencher - See CT120H in Rear Attachment price sheet

Trencher - See ST120H in Rear Attachment price sheet

Plow - See VP120Q in Rear Attachment price sheet

Combo - See PT120Q in Rear Attachment price sheet

Saw - See RS40, HD940, HD942 and HD946 in Rear Attachment price sheet

FRONT MOUNTED ATTACHMENTS

Backhoe - See BH120 in Front Attachment price sheet

Reel Carrier - See RC30 in Front Attachment price sheet

Roto Witch® Attachment - See Roto Witch® price sheet

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install 6-way tilt backfill blade \$80.00 A

Install backfill blade assembly – arm and hydraulics \$320.00 A

Install boom, chain and augers \$120.00 A

Install CT120H centerline trencher \$320.00 A

Install ST120H sliding trencher \$320.00 A

Install VP120Q plow attachment \$320.00 A

Install PT120Q combo \$320.00 A

Install RS40 saw \$320.00 A

Install saw segments \$120.00 A

Install BH120 backhoe and walkway \$320.00 A

Install hydraulic trench cleaner \$120.00 A

Install reel carrier \$240.00 A

Install side counterweight \$80.00 A

Install front counterweight \$80.00 A

Install environmentally compatible fluids \$1,021.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



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Changes since the November 1, 2018 price list:

Effective December 1, 2018



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® HT275** is a 275hp (205kW) hydrostatic track unit that can be used with a variety of rear attachments. The basic unit is priced less all options.

The **Ditch Witch® HT275** basic unit includes the following:

- Cummins® QSL 9L 275-hp (205-kW) Tier IV Final diesel engine
- Integrated frame tilt with automatic leveling feature
- 270 degree swiveling operators station with dual ergonomic joysticks, AM/FM Bluetooth radio, and air-ride suspension seat
- Enclosed sliding cab features including trainer's seat, heat, air conditioning, pressurization, insulation, isolation
- Orange Intel™ Telematics hardware and initial service, plus standard provisions for GPS controls
- Two external scratch-resistant cameras and dual 7 inch displays at operator's station
- Stiebel® pump drive and Danfoss® hydrostatic attachment and ground drive pumps
- Stucchi® hydraulic quick disconnect blocks for rear attachment plumbing
- Automated trencher plunge and cruise control ground drive
- Wireless remote control for service, electric tilting hood, and ground-level service points
- 360° LED strobe lights and LED work lights around perimeter and under hood for service
- Integrated counterweighting provisions

NOTE: Excluded from 90-day order policy

HT275 T4F BASIC UNIT

HT275 Base HRC

Includes: Basic Assembly, T4F Cummins Engine, Frame Tilt

\$443,082.00 B**CAB OPTIONS (Select one)**

Cab Slide Left	\$34,721.00 B
Cab Slide Right	\$34,721.00 B

TRACK OPTIONS (Select one)

18 Inch Double Grouser	\$51,198.00 B
18 Inch Single Grouser	\$51,198.00 B
24 Inch Double Grouser	\$52,358.00 B
24 Inch Single Grouser	\$52,358.00 B

TRACK TILT OPTIONS (Select one)

Track Tilt	\$44,886.00 B
No Track Tilt	\$37,559.00 B

STREET PADS (Optional)

24 Inch Pads	(only an option for the 24 in Double Grouser Track)	\$16,948.00 B
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Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HT275 - 145)



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
COUNTERWEIGHT OPTIONS (Select one based on chart)		
	Base Counterweight (Heavy Weight Skid Plate)	\$4,539.66 B
	Mid Counterweight (Heavy Weight Skid Plate and Bottom Counterweights)	\$8,550.49 B
	Heavy Counterweight (Heavy Weight Skid Plate, Bottom Counterweights, and Top Counterweights)	\$10,129.02 B

CT270 Centerline Trencher Counterweighting Chart									
		Cut Width (inches)							
		14	16	18	20	22	22	24	26
		Single Line				Double line			
Cut Depth (feet)	4	Base	Base	Base	Base	Base	Base	Base	Base
	6	Base	Base	Base	Base	Base	Mid	Mid	Mid
	8	Mid	Mid	Mid	Mid	Mid	Heavy	Heavy	Heavy
	10	Mid	Mid	Heavy	Heavy	Heavy	N/A	N/A	N/A

ST270 Sliding Trencher Counterweighting Chart									
		Cut Width (inches)							
		10	12	14	16	18	20	22	24
		Single Line							
Cut Depth (feet)	3	Base	Base	Base	Base	Base	Base	Base	Base
	4	Base	Base	Base	Base	Base	Base	Base	Base
	5	Base	Base	Base	Base	Base	Base	Mid	Mid
	6	Base	Base	Base	Base	Mid	Mid	Mid	Mid

ST270 Sliding Trencher With Truckload Conveyor Counterweighting Chart									
		Cut Width (inches)							
		10	12	14	16	18	20	22	24
		Single Line							
Cut Depth (feet)	3	Base	Base	Base	Base	Base	Base	Base	Base
	4	Base	Base	Base	Base	Base	Base	Base	Base
	5	Base	Base	Base	Base	Base	Base	Base	Base
	6	Base	Base	Base	Base	Base	Base	Base	Base



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHING ATTACHMENT

The **Ditch Witch® CT270** centerline trencher is a hydraulic trenching attachment capable of double or single line trenching up to 10' depth and up to 26" in width. The basic unit is priced less all options.

The basic trenching attachment includes the following:

- Variable displacement digging chain drive motor
- Variable speed bi-directional cross conveyor with nubbed CamFlex belt
- Modular boom and multi-position restraint bar provisions
- Stucchi® hydraulic quick disconnect blocks for rapid attachment
- One-piece forged boom tailwheels with Duo-Cone™ sealed hubs
- Grease cylinder chain tensioning
- Dual rear stabilizers and spoils drags
- Jackstands for removing attachment
- Boom-mounted LED work lights

CT270 BASIC CENTERLINE DIGGING ATTACHMENT

CT270 Base

Includes: Basic Assembly, HD Frame, Digging Motor, Stucchi QDC's,
Jackstands, Stabilizers, Adjustable Berm Scrapers

\$227,369.91 B**RESTRAINT BAR WITH CRUMBSHOE (Select one)**

4FT-8FT Cleaner	\$15,132.00	B
6FT-10FT Cleaner	\$15,689.00	B
4FT-6FT Restraint	\$2,549.00	B
8FT-10FT Restraint	\$3,106.00	B

DIGGING BOOM ASSEMBLIES (Select one)

4' Single Boom	\$43,778.00	B
6' Single Boom	\$47,176.00	B
8' Single Boom	\$50,574.00	B
10' Single Boom	\$53,069.00	B
4' Double Boom	\$57,700.00	B
6' Double Boom	\$61,947.00	B
8' Double Boom	\$66,194.00	B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DIGGING CHAIN BITS (Select one to correspond with Digging Chain)		
General/Rock Bits		
	90 Rock Bits	\$2,166.14 B
	104 Rock Bits	\$2,503.09 B
	118 Rock Bits	\$2,840.04 B
	132 Rock Bits	\$3,177.00 B
Dirt Bits		
	90 Dirt Bits	\$3,364.61 B
	104 Dirt Bits	\$3,887.99 B
	118 Dirt Bits	\$4,411.37 B
	132 Dirt Bits	\$4,934.76 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Select one)			
Single Line Standard Chevron		Bits Required	
	S 4X14 Std CH	90	\$19,147.28 B
	S 4X16 Std CH	90	\$19,333.57 B
	S 4X18 Std CH	90	\$19,519.85 B
	S 4X20 Std CH	90	\$19,706.13 B
	S 4X22 Std CH	90	\$19,892.42 B
	S 6X14 Std CH	104	\$22,125.25 B
	S 6X16 Std CH	104	\$27,874.56 B
	S 6X18 Std CH	104	\$22,555.77 B
	S 6X20 Std CH	104	\$22,771.03 B
	S 6X22 Std CH	104	\$22,986.29 B
	S 8X14 Std CH	118	\$25,104.19 B
	S 8X16 Std CH	118	\$25,348.43 B
	S 8X18 Std CH	118	\$25,592.67 B
	S 8X20 Std CH	118	\$25,836.91 B
	S 8X22 Std CH	118	\$26,081.15 B
	S 10X14 Std CH	132	\$28,082.16 B
	S 10X16 Std CH	132	\$28,355.37 B
	S 10X18 Std CH	132	\$28,628.59 B
	S 10X20 Std CH	132	\$28,901.81 B
	S 10X22 Std CH	132	\$29,175.02 B
Double Line Standard Chevron		Bits Required	
	D 4X22 Std CH	90	\$24,670.53 B
	D 4X24 Std CH	90	\$24,856.81 B
	D 4X26 Std CH	90	\$25,043.09 B
	D 6X22 Std CH	104	\$28,507.54 B
	D 6X24 Std CH	104	\$28,722.80 B
	D 6X26 Std CH	104	\$28,938.06 B
	D 8X22 Std CH	118	\$32,345.77 B
	D 8X24 Std CH	118	\$32,590.01 B
	D 8X26 Std CH	118	\$32,834.25 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Reverse Chevron		Bits Required	
	S 4X14 Rvrs CH	90	\$19,147.28 B
	S 4X16 Rvrs CH	90	\$19,333.57 B
	S 4X18 Rvrs CH	90	\$19,519.85 B
	S 4X20 Rvrs CH	90	\$19,706.13 B
	S 4X22 Rvrs CH	90	\$19,892.42 B
	S 6X14 Rvrs CH	104	\$22,125.25 B
	S 6X16 Rvrs CH	104	\$22,340.51 B
	S 6X18 Rvrs CH	104	\$22,555.77 B
	S 6X20 Rvrs CH	104	\$22,771.03 B
	S 6X22 Rvrs CH	104	\$22,986.29 B
	S 8X14 Rvrs CH	118	\$25,104.19 B
	S 8X16 Rvrs CH	118	\$25,348.43 B
	S 8X18 Rvrs CH	118	\$25,592.67 B
	S 8X20 Rvrs CH	118	\$25,836.91 B
	S 8X22 Rvrs CH	118	\$26,081.15 B
	S 10X14 Rvrs CH	132	\$28,082.16 B
	S 10X16 Rvrs CH	132	\$28,355.37 B
	S 10X18 Rvrs CH	132	\$28,628.59 B
	S 10X20 Rvrs CH	132	\$28,901.81 B
	S 10X22 Rvrs CH	132	\$29,175.02 B
Double Line Reverse Chevron		Bits Required	
	D 4X22 Rvrs CH	90	\$24,670.53 B
	D 4X24 Rvrs CH	90	\$24,856.81 B
	D 4X26 Rvrs CH	90	\$25,043.09 B
	D 6X22 Rvrs CH	104	\$28,507.54 B
	D 6X24 Rvrs CH	104	\$28,722.80 B
	D 6X26 Rvrs CH	104	\$28,938.06 B
	D 8X22 Rvrs CH	118	\$32,345.77 B
	D 8X24 Rvrs CH	118	\$32,590.01 B
	D 8X26 Rvrs CH	118	\$32,834.25 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Aggressive Chevron		Bits Required	
	S 4X14 Aggr CH	90	\$19,147.28 B
	S 4X16 Aggr CH	90	\$19,333.57 B
	S 4X18 Aggr CH	90	\$19,519.85 B
	S 4X20 Aggr CH	90	\$19,706.13 B
	S 4X22 Aggr CH	90	\$19,892.42 B
	S 6X14 Aggr CH	104	\$22,125.25 B
	S 6X16 Aggr CH	104	\$22,340.51 B
	S 6X18 Aggr CH	104	\$22,555.77 B
	S 6X20 Aggr CH	104	\$22,771.03 B
	S 6X22 Aggr CH	104	\$22,986.29 B
	S 8X14 Aggr CH	118	\$25,104.19 B
	S 8X16 Aggr CH	118	\$25,348.43 B
	S 8X18 Aggr CH	118	\$25,592.67 B
	S 8X20 Aggr CH	118	\$25,836.91 B
	S 8X22 Aggr CH	118	\$26,081.15 B
	S 10X14 Aggr CH	132	\$28,082.16 B
	S 10X16 Aggr CH	132	\$28,355.37 B
	S 10X18 Aggr CH	132	\$28,628.59 B
	S 10X20 Aggr CH	132	\$28,901.81 B
	S 10X22 Aggr CH	132	\$29,175.02 B
Double Line Aggressive Chevron		Bits Required	
	D 4X22 Aggr CH	90	\$24,670.53 B
	D 4X24 Aggr CH	90	\$24,856.81 B
	D 4X26 Aggr CH	90	\$25,043.09 B
	D 6X22 Aggr CH	104	\$28,507.54 B
	D 6X24 Aggr CH	104	\$28,722.80 B
	D 6X26 Aggr CH	104	\$28,938.06 B
	D 8X22 Aggr CH	118	\$32,345.77 B
	D 8X24 Aggr CH	118	\$32,590.01 B
	D 8X26 Aggr CH	118	\$32,834.25 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Alternating Standard Chevron		Bits Required	
	S 4X14 Alt Std CH	90	\$19,147.28 B
	S 4X16 Alt Std CH	90	\$19,333.57 B
	S 4X18 Alt Std CH	90	\$19,519.85 B
	S 4X20 Alt Std CH	90	\$19,706.13 B
	S 4X22 Alt Std CH	90	\$19,892.42 B
	S 6X14 Alt Std CH	104	\$22,125.25 B
	S 6X16 Alt Std CH	104	\$22,340.51 B
	S 6X18 Alt Std CH	104	\$22,555.77 B
	S 6X20 Alt Std CH	104	\$22,771.03 B
	S 6X22 Alt Std CH	104	\$22,986.29 B
	S 8X14 Alt Std CH	118	\$25,104.19 B
	S 8X16 Alt Std CH	118	\$25,348.43 B
	S 8X18 Alt Std CH	118	\$25,592.67 B
	S 8X20 Alt Std CH	118	\$25,836.91 B
	S 8X22 Alt Std CH	118	\$26,081.15 B
	S 10X14 Alt Std CH	132	\$28,082.16 B
	S 10X16 Alt Std CH	132	\$28,355.37 B
	S 10X18 Alt Std CH	132	\$28,628.59 B
	S 10X20 Alt Std CH	132	\$28,901.81 B
	S 10X22 Alt Std CH	132	\$29,175.02 B
Double Line Alternating Standard Chevron		Bits Required	
	D 4X22 Alt Std CH	90	\$24,670.53 B
	D 4X24 Alt Std CH	90	\$24,856.81 B
	D 4X26 Alt Std CH	90	\$25,043.09 B
	D 6X22 Alt Std CH	104	\$28,507.54 B
	D 6X24 Alt Std CH	104	\$28,722.80 B
	D 6X26 Alt Std CH	104	\$28,938.06 B
	D 8X22 Alt Std CH	118	\$32,345.77 B
	D 8X24 Alt Std CH	118	\$32,590.01 B
	D 8X26 Alt Std CH	118	\$32,834.25 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Alternating Aggressive Chevron			
		Bits Required	
	S 4X14 Alt Aggr CH	90	\$19,147.28 B
	S 4X16 Alt Aggr CH	90	\$19,333.57 B
	S 4X18 Alt Aggr CH	90	\$19,519.85 B
	S 4X20 Alt Aggr CH	90	\$19,706.13 B
	S 4X22 Alt Aggr CH	90	\$19,892.42 B
	S 6X14 Alt Aggr CH	104	\$22,125.25 B
	S 6X16 Alt Aggr CH	104	\$22,340.51 B
	S 6X18 Alt Aggr CH	104	\$22,555.77 B
	S 6X20 Alt Aggr CH	104	\$22,771.03 B
	S 6X22 Alt Aggr CH	104	\$22,986.29 B
	S 8X14 Alt Aggr CH	118	\$25,104.19 B
	S 8X16 Alt Aggr CH	118	\$25,348.43 B
	S 8X18 Alt Aggr CH	118	\$25,592.67 B
	S 8X20 Alt Aggr CH	118	\$25,836.91 B
	S 8X22 Alt Aggr CH	118	\$26,081.15 B
	S 10X14 Alt Aggr CH	132	\$28,082.16 B
	S 10X16 Alt Aggr CH	132	\$28,355.37 B
	S 10X18 Alt Aggr CH	132	\$28,628.59 B
	S 10X20 Alt Aggr CH	132	\$28,901.81 B
	S 10X22 Alt Aggr CH	132	\$29,175.02 B
Double Line Alternating Aggressive Chevron			
	D 4X22 Alt Aggr CH	90	\$24,670.53 B
	D 4X24 Alt Aggr CH	90	\$24,856.81 B
	D 4X26 Alt Aggr CH	90	\$25,043.09 B
	D 6X22 Alt Aggr CH	104	\$28,507.54 B
	D 6X24 Alt Aggr CH	104	\$28,722.80 B
	D 6X26 Alt Aggr CH	104	\$28,938.06 B
	D 8X22 Alt Aggr CH	118	\$32,345.77 B
	D 8X24 Alt Aggr CH	118	\$32,590.01 B
	D 8X26 Alt Aggr CH	118	\$32,834.25 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRENCHING ATTACHMENT

The **Ditch Witch® ST270** sliding trencher is a hydraulic trenching attachment capable of single line trenching up to 6' depth and up to 24" in width. This multi-position attachment allows for centerline or offset trenching on either side of unit. The basic unit is priced less all options.

The basic trenching attachment includes the following:

- Variable displacement digging chain drive motor
- Variable speed bi-directional cross conveyor
- Infinitely variable trencher slide with dual hydraulic motors and brakes
- Modular boom and multi-position restraint bar provisions
- Stucchi® hydraulic quick disconnect blocks for rapid attachment
- One-piece forged boom tailwheels with Duo-Cone™ sealed hubs
- Grease cylinder chain tensioning
- Dual rear stabilizers and spoils drags
- Jackstands for removing attachment
- Boom-mounted LED work lights

ST270 BASIC CENTERLINE DIGGING ATTACHMENT

ST270 Base

Includes: Basic Assembly, Frame, Digging Motor, Stucchi QDC's,
Jackstands, Stabilizers, Adjustable Berm Scrapers

\$282,239.55 B**RESTRAINT BAR WITH CRUMBSHOE**

3FT-6FT Cleaner

\$14,348.25 B**DIGGING BOOM ASSEMBLIES (Select one)**

3' CAT® Style Boom

\$37,464.86 B

4' CAT® Style Boom

\$40,493.93 B

5' CAT® Style Boom

\$41,131.63 B

6' CAT® Style Boom

\$44,160.70 B**TRUCK LOADING CONVEYOR (Optional)**

Truck Conveyor

\$99,546.53 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DIGGING CHAIN BITS (Select one to correspond with Digging Chain)		
General/Rock Bits		
	82 Rock Bits	\$1,973.59 B
	90 Rock Bits	\$2,166.14 B
	98 Rock Bits	\$2,358.68 B
	104 Rock Bits	\$2,503.09 B
Dirt Bits		
	82 Dirt Bits	\$3,065.53 B
	90 Dirt Bits	\$3,364.61 B
	98 Dirt Bits	\$3,663.68 B
	104 Dirt Bits	\$3,887.99 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Select one)			
Single Line Standard Chevron			
		Bits Required	
	C 3X14 Std CH	82	\$17,545.36 B
	C 3X16 Std CH	82	\$17,715.23 B
	C 3X18 Std CH	82	\$17,885.11 B
	C 3X20 Std CH	82	\$18,054.99 B
	C 3X22 Std CH	82	\$18,224.86 B
	C 3X24 Std CH	82	\$18,394.74 B
	C 4X14 Std CH	90	\$19,164.32 B
	C 4X16 Std CH	90	\$19,350.77 B
	C 4X18 Std CH	90	\$19,537.22 B
	C 4X20 Std CH	90	\$19,723.67 B
	C 4X22 Std CH	90	\$19,910.12 B
	C 4X24 Std CH	90	\$20,096.57 B
	C 5X14 Std CH	98	\$20,783.28 B
	C 5X16 Std CH	98	\$20,986.30 B
	C 5X18 Std CH	98	\$21,189.33 B
	C 5X20 Std CH	98	\$21,392.35 B
	C 5X22 Std CH	98	\$21,595.37 B
	C 5X24 Std CH	98	\$21,798.40 B
	C 6X14 Std CH	104	\$22,144.93 B
	C 6X16 Std CH	104	\$22,360.38 B
	C 6X18 Std CH	104	\$22,575.84 B
	C 6X20 Std CH	104	\$22,791.29 B
	C 6X22 Std CH	104	\$23,006.74 B
	C 6X24 Std CH	104	\$23,221.84 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Reverse Chevron			
		Bits Required	
	C 3X14 Rvrs CH	82	\$17,545.36 B
	C 3X16 Rvrs CH	82	\$17,715.23 B
	C 3X18 Rvrs CH	82	\$17,885.11 B
	C 3X20 Rvrs CH	82	\$18,054.99 B
	C 3X22 Rvrs CH	82	\$18,224.86 B
	C 3X24 Rvrs CH	82	\$18,394.74 B
	C 4X14 Rvrs CH	90	\$19,164.32 B
	C 4X16 Rvrs CH	90	\$19,350.77 B
	C 4X18 Rvrs CH	90	\$19,537.22 B
	C 4X20 Rvrs CH	90	\$19,723.67 B
	C 4X22 Rvrs CH	90	\$19,910.12 B
	C 4X24 Rvrs CH	90	\$20,096.57 B
	C 5X14 Rvrs CH	98	\$20,783.28 B
	C 5X16 Rvrs CH	98	\$20,986.30 B
	C 5X18 Rvrs CH	98	\$21,189.33 B
	C 5X20 Rvrs CH	98	\$21,392.35 B
	C 5X22 Rvrs CH	98	\$21,595.37 B
	C 5X24 Rvrs CH	98	\$21,798.40 B
	C 6X14 Rvrs CH	104	\$22,144.93 B
	C 6X16 Rvrs CH	104	\$22,360.38 B
	C 6X18 Rvrs CH	104	\$22,575.84 B
	C 6X20 Rvrs CH	104	\$22,791.29 B
	C 6X22 Rvrs CH	104	\$23,006.74 B
	C 6X24 Rvrs CH	104	\$23,221.84 B



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Aggressive Chevron			
		Bits Required	
	C 3X14 Aggr CH	82	\$17,545.36 B
	C 3X16 Aggr CH	82	\$17,715.23 B
	C 3X18 Aggr CH	82	\$17,885.11 B
	C 3X20 Aggr CH	82	\$18,054.99 B
	C 3X22 Aggr CH	82	\$18,224.86 B
	C 3X24 Aggr CH	82	\$18,394.74 B
	C 4X14 Aggr CH	90	\$19,164.32 B
	C 4X16 Aggr CH	90	\$19,350.77 B
	C 4X18 Aggr CH	90	\$19,537.22 B
	C 4X20 Aggr CH	90	\$19,723.67 B
	C 4X22 Aggr CH	90	\$19,910.12 B
	C 4X24 Aggr CH	90	\$20,096.57 B
	C 5X14 Aggr CH	98	\$20,783.28 B
	C 5X16 Aggr CH	98	\$20,986.30 B
	C 5X18 Aggr CH	98	\$21,189.33 B
	C 5X20 Aggr CH	98	\$21,392.35 B
	C 5X22 Aggr CH	98	\$21,595.37 B
	C 5X24 Aggr CH	98	\$21,798.40 B
	C 6X14 Aggr CH	104	\$22,144.93 B
	C 6X16 Aggr CH	104	\$22,360.38 B
	C 6X18 Aggr CH	104	\$22,575.84 B
	C 6X20 Aggr CH	104	\$22,791.29 B
	C 6X22 Aggr CH	104	\$23,006.74 B
	C 6X24 Aggr CH	104	\$23,221.84 B



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HT275

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Alternating Standard Chevron			
		Bits Required	
	C 3X14 Alt Std CH	82	\$17,545.36 B
	C 3X16 Alt Std CH	82	\$17,715.23 B
	C 3X18 Alt Std CH	82	\$17,885.11 B
	C 3X20 Alt Std CH	82	\$18,054.99 B
	C 3X22 Alt Std CH	82	\$18,224.86 B
	C 3X24 Alt Std CH	82	\$18,394.74 B
	C 4X14 Alt Std CH	90	\$19,164.32 B
	C 4X16 Alt Std CH	90	\$19,350.77 B
	C 4X18 Alt Std CH	90	\$19,537.22 B
	C 4X20 Alt Std CH	90	\$19,723.67 B
	C 4X22 Alt Std CH	90	\$19,910.12 B
	C 4X24 Alt Std CH	90	\$20,096.57 B
	C 5X14 Alt Std CH	98	\$20,783.28 B
	C 5X16 Alt Std CH	98	\$20,986.30 B
	C 5X18 Alt Std CH	98	\$21,189.33 B
	C 5X20 Alt Std CH	98	\$21,392.35 B
	C 5X22 Alt Std CH	98	\$21,595.37 B
	C 5X24 Alt Std CH	98	\$21,798.40 B
	C 6X14 Alt Std CH	104	\$22,144.93 B
	C 6X16 Alt Std CH	104	\$22,360.38 B
	C 6X18 Alt Std CH	104	\$22,575.84 B
	C 6X20 Alt Std CH	104	\$22,791.29 B
	C 6X22 Alt Std CH	104	\$23,006.74 B
	C 6X24 Alt Std CH	104	\$23,221.84 B



CONFIDENTIAL

HT275

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
DIGGING CHAINS (Continued)			
Single Line Alternating Aggressive Chevron			
		Bits Required	
	C 3X14 Alt Aggr CH	82	\$17,545.36 B
	C 3X16 Alt Aggr CH	82	\$17,715.23 B
	C 3X18 Alt Aggr CH	82	\$17,885.11 B
	C 3X20 Alt Aggr CH	82	\$18,054.99 B
	C 3X22 Alt Aggr CH	82	\$18,224.86 B
	C 3X24 Alt Aggr CH	82	\$18,394.74 B
	C 4X14 Alt Aggr CH	90	\$19,164.32 B
	C 4X16 Alt Aggr CH	90	\$19,350.77 B
	C 4X18 Alt Aggr CH	90	\$19,537.22 B
	C 4X20 Alt Aggr CH	90	\$19,723.67 B
	C 4X22 Alt Aggr CH	90	\$19,910.12 B
	C 4X24 Alt Aggr CH	90	\$20,096.57 B
	C 5X14 Alt Aggr CH	98	\$20,783.28 B
	C 5X16 Alt Aggr CH	98	\$20,986.30 B
	C 5X18 Alt Aggr CH	98	\$21,189.33 B
	C 5X20 Alt Aggr CH	98	\$21,392.35 B
	C 5X22 Alt Aggr CH	98	\$21,595.37 B
	C 5X24 Alt Aggr CH	98	\$21,798.40 B
	C 6X14 Alt Aggr CH	104	\$22,144.93 B
	C 6X16 Alt Aggr CH	104	\$22,360.38 B
	C 6X18 Alt Aggr CH	104	\$22,575.84 B
	C 6X20 Alt Aggr CH	104	\$22,791.29 B
	C 6X22 Alt Aggr CH	104	\$23,006.74 B
	C 6X24 Alt Aggr CH	104	\$23,221.84 B



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BACKHOES

- **A323**
- **A523**
- **A820**
- **A920**
- **BH120**

REEL CARRIER

- **RC30**
- **RC55**
- **RC80**
- **RC120**



CONFIDENTIAL

A323

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

A323**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
A323 STANDARD #1		
	A323 Base	
	Includes: Basic Assembly, Ship Kit Throttle Kit HRC	
		Total \$12,413.60 R
A323 BASIC UNIT		
	A323 Base	
	Includes: Basic Assembly, Ship Kit	
		\$12,315.01 R
NOTES: A323 Backhoe mounts on model RT45		
Counterweighting is as follows:		
Model RT45 with H313 or H314 or H331 requires rear TBS and weights		
with H350 requires rear TBS		
with H342 requires rear weights		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$59.27 R
STABILIZER PADS (Select one)		
	Dirt Pads	\$260.70 R
	Street Pads	\$466.48 R
REMOTE ENGINE CONTROL (Select one)		
	Throttle Kit HRC	\$98.59 R
	Throttle Kit LRC	\$66.63 R
MOUNTING KITS (Optional)		
	A323 Mount Kit	\$1,524.45 R
	Walkway KT HRC	\$1,120.07 R
	Walkway KT LRC	\$793.19 R
BUCKETS (Optional)		
	Bucket 12in	\$1,195.48 R
	Bucket 18in	\$1,243.08 R
BUCKET ACCESSORIES (Optional)		
191-1521	SIDE CUTTER KIT	\$222.71 C



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A323

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES (Optional)		
190-961	A322 REMOTE HYD. CONTROL KIT	\$1,694.19 C
190-2402	A323 REMOTE CROWD KIT, RT45T4	\$1,331.93 C
190-882	LIGHT KIT	\$99.50 C
190-940	A322&3/522 TOW VALVE 3700 5700 RT45/T4	\$227.68 C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	2 Gallons	\$137.41 R
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.		\$1,000.00 A
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CONFIDENTIAL

A523

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

A523

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
	The basic unit includes the following:	
	<ul style="list-style-type: none"> Walkway Remote backfill blade control Remote ground drive control Remote engine stop switch Remote engine throttle control 	
A523 STANDARD #1		
	A523 Base	
	Includes: Basic Assembly, Decal Kit English, Throttle Control Cable, Ship Kit	
		Total \$20,862.89 T
NOTES: A523 Backhoe mounts on models RT55 and RT80		
Counterweighting is as follows:		
RT55 and H515 (manual) requires 200 lbs. on opposite side of traverse		
RT55 and H553 requires 300 lbs. on right side		
RT80 and H813 (manual) requires 200 lbs. on opposite side of traverse		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$6.53 T
	ISO Decal Kit	\$4.48 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
STABILIZER PADS (Select one)		
	Dirt Pads	\$296.10 T
	Street Pads	\$529.84 T
BUCKETS (Optional)		
	Bucket 12in	\$1,389.35 T
	Bucket 16in	\$1,420.21 T
	Bucket 18in	\$1,451.10 T
	Bucket 20in	\$1,481.97 T
	Bucket 24in	\$1,512.84 T
BUCKET ACCESSORIES (Optional)		
190-1564	SIDE CUTTER KIT	\$540.36 C



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A523

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
191-398	A820T3 LIGHT KIT	\$297.31 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	2 Gallons \$147.23 T
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$1,000.00 A



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A820

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

A820

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The basic unit includes the following:		
	<ul style="list-style-type: none"> Walkway Remote backfill blade control Remote ground drive control Remote engine stop switch Remote engine throttle control 	
A820 STANDARD #1		
	A820 Base	
	Includes: Basic Assembly, Production Decal Kit	
		Total \$19,902.20 T
NOTES: A820 Backhoe mounts on model RT80Q or RT80T4		
Attachment and/or counterweighting required when backhoe is mounted		
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$4.48 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
STABILIZER PADS (Select one)		
	Dirt Pads	\$296.10 T
	Street Pads	\$529.84 T
SHIP KITS (Select one)		
	T3 Ship Kit	\$1,078.32 T
	T4 Final Ship Kit	\$1,078.32 T
BUCKETS (Optional)		
	Bucket 12in	\$1,389.35 T
	Bucket 16in	\$1,420.21 T
	Bucket 18in	\$1,451.10 T
	Bucket 20in	\$1,481.97 T
	Bucket 24in	\$1,512.84 T
BUCKET ACCESSORIES (Optional)		
190-1564	SIDE CUTTER KIT	\$540.36 C
ACCESSORIES		
191-398	A820T3 LIGHT KIT	\$297.31 C
190-2210	A820-T4 LIGHT KIT	\$270.79 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(A820 - 169)



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A820

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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A920

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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A920

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The basic unit includes the following:

- Backhoe less bucket
- Remote backfill blade control
- Remote ground drive control
- Remote engine stop switch

A920 STANDARD #1

A920 Base

Includes: Basic Assembly, English Decal Kit, Ship Kit

Total \$22,684.95 T

NOTES: A920 backhoe with hydraulic stabilizers and walkway front mounts on models RT95, RT100, RT115, RT120, RT115Q, RT120Q, or HT115
Attachment and/or counterweighting required when backhoe is mounted

SHIP KIT (Select one)

Quad Ship Kit \$1,017.52 T

RT Ship Kit \$974.09 T

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit \$72.54 T

ISO Decal Kit \$4.07 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**STABILIZER PADS (Select one)**

Dirt Pads (2 included) \$476.81 T

Reversible Pads (2 included) \$1,101.22 T

BUCKETS (Optional)

Bucket 12in \$1,420.21 T

Bucket 18in \$1,481.97 T

Bucket 24in \$1,543.71 T

BUCKET ACCESSORIES (Optional)

190-1564 SIDE CUTTER KIT \$540.36 C

318-538 12" FRONT EDGE CUTTER \$136.43 C

318-539 18" FRONT EDGE CUTTER \$162.43 C

316-176 24" FRONT EDGE CUTTER \$162.43 C



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A920

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
191-387	BACKHOE LIGHT KIT (RT75/95)	\$235.70 C
191-277	AUXILIARY STEP KIT	\$298.67 C
ENVIRONMENTAL OIL		
	Environmental Oil	2 Gallons \$147.22 T
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		
		\$1,000.00 A



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BH120

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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BH120

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The basic unit includes the following:		
	<ul style="list-style-type: none"> Backhoe less bucket Remote backfill blade control Remote ground drive control Remote engine stop and start switch 	
BH120 STANDARD #1		
	BH120 Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit	
		Total \$25,656.97 T
NOTES: BH120 backhoe with hydraulic stabilizers and walkway front mounts on models RT125 or RT125Q Attachment and/or counterweighting required when backhoe is mounted		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$61.45 T
	ISO Decal Kit	\$27.54 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
STABILIZER PADS (Select one)		
	Dirt Pads (2 included)	\$467.72 T
	Reversible Pads (2 included)	\$1,080.25 T
BUCKETS (Optional)		
	Bucket 12in	\$1,393.16 T
	Bucket 18in	\$1,453.75 T
	Bucket 24in	\$1,514.31 T
BUCKET ACCESSORIES (Optional)		
190-1564	SIDE CUTTER KIT	\$540.36 C
318-538	12" FRONT EDGE CUTTER	\$136.43 C
318-539	18" FRONT EDGE CUTTER	\$162.43 C
316-176	24" FRONT EDGE CUTTER	\$162.43 C
ACCESSORIES		
190-2551	BH120 LIGHT KIT	\$238.07 C
350-1537	SUB, EXHAUST COVER (Shipped with Basic Unit)	\$675.00 T
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	2 Gallons \$147.23 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(BH120 - 175)



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BH120

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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REEL CARRIER

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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REEL CARRIER

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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RC30**RC30 STANDARD #1**

RC30 Base

Includes: Basic Assembly, Ship Kit

Total \$10,122.94 T

NOTE: Special counterweighting may be required depending on reel weight, please refer to the operator's manual**ACCESSORIES**

190-2501	RC30 REEL WINDER KIT	\$4,869.53	C
375-369	WEIGHT CASTING	\$169.90	C

RC55**RC55 STANDARD #1**

RC55 Base

Includes: Basic Assembly, Decal Kit English and Ship Kit

Total \$6,718.62 T

NOTE: RC55 and H533 (less than 700 lb. reel) requires 480 lbs. nose counterweights and 1200 lbs. on plow frame
RC55 and H533 (700 lb. to 1,500 lb. reel) requires 1200 lbs. on plow frame
RC55 and H553 (less than 700 lb. reel) requires 400 lbs. TBS on front axle, 480 lbs. nose counterweights and 300 lbs. on right side
RC55 and H553 (700 lb. to 1,500 lb. reel) requires 300 lbs. on right side

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$2.34 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ACCESSORIES**

375-369	WEIGHT CASTING	\$169.90	C
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REEL CARRIER

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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RC80**RC80 STANDARD #1**

RC80 Base

Includes: Basic Assembly and Ship Kit

Total \$8,539.73 T

NOTE: Special counterweighting may be required depending on reel weight, please refer to the operator's manual**ACCESSORIES**

190-1996	REEL WINDER KIT	\$3,302.76 C
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RC120**RC120 STANDARD #1**

RC120 Base

Includes: Basic Assembly and Ship Kit

Total \$10,066.36 T

NOTE: Special counterweighting may be required depending on reel weight, please refer to the operator's manual**ACCESSORIES**

350-2936	RC120 REEL WINDER KIT	\$4,354.44 C
375-369	WEIGHT CASTING	\$169.90 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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REAR ATTACHMENT

- **TRENCHING ATTACHMENT**
- **PLOW ATTACHMENT**
- **COMBO ATTACHMENT**
- **SAW ATTACHMENT**
- **HYDRAWHEELS**



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TRENCHING ATTACHMENT

- **H516**
- **H810**
- **H813**
- **H910**
- **H911**
- **M910**
- **M912**
- **CT100M**
- **DT100M**
- **CT120H**
- **ST120H**



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H516

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H516

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H516 STANDARD #1		
	H516 Base	
	Includes: Basic Assembly, Digging Instructions, Ship Kit, Restraint Brackets Standard Speed 10 Tooth Sprk Hydraulic Slide	
		Total \$14,335.89 T
H516 BASIC TRENCHING ATTACHMENT		
	H516 Base	
	Includes: Basic Assembly and Digging Instructions	
		\$8,450.59 T
50,000 lb components not covered by Product Support policy when used on power units over 50 hp		
NOTE: Counterweighting required. H516 (manual) and A523 requires 200 lbs. on opposite side of traverse		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$163.60 T
	ISO Decal Kit	\$25.78 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
H516 HYDRAULIC DRIVE MOTOR (Select one)		
	Standard Speed	\$1,864.09 T
	Low Speed High Torq	\$2,009.88 T
	High Speed Low Torq	\$2,009.88 T
SLIDE KITS (Select one)		
	Manual Slide	\$724.17 T
	Hydraulic Slide	\$2,166.54 T
ASSEMBLY KITS (Select one)		
	10 Tooth Sprk	\$1,854.67 T
	Shipped with: Ship Kit, Left Restraint Bracket, Right Restraint Bracket	
	12 Tooth Sprk	\$1,843.46 T
	Shipped with: Ship Kit, Left Restraint Bracket, Right Restraint Bracket	
	14 Tooth Sprk	\$1,857.11 T
	Shipped with: Ship Kit, Left Restraint Bracket, Right Restraint Bracket	
ACCESSORIES (Optional)		
104-169	H515/H516/H540/H813 CTR WT KIT-MAN SLIDE	\$527.69 C
NOTE: Must be ordered when you select manual slide and backhoe		



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H516

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
AUGERS (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C
604-684	DOUBLE LONG AUGER ASSEMBLY KIT	\$947.99 C

RESTRAINT BARS AND CLEANER BARS (Select one)		
For 50K - 2" pitch chains		
141-274	RESTRAINT BAR (56", 2P)	(For 52" depth) \$93.90 C
141-354	RESTRAINT BAR (69", 2P)	(For 62" depth) \$106.10 C
For 70K - 3" pitch chains		
141-040	RESTRAINT BAR (54.0", 3P)	(For 42" depth) \$160.27 C
141-041	RESTRAINT BAR (68.0") 3P	(For 52" depth) \$166.16 C
141-043	RESTRAINT BAR (81.0", 3P)	(For 62" depth) \$178.11 C
For 50K - 2" pitch chains		
140-1361	3' LOWER CLEANER BAR (2.000"P)	(For 42" depth) \$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P)	(For 52" depth) \$237.54 C
For 70K - 3" pitch chains		
141-052	CLEANER TUBE (44.0")	(For 42" depth) \$279.39 C
141-053	CLEANER TUBE (60.5")	(For 52" depth) \$356.94 C
141-351	3P, 5' CLEANER BAR	(For 62" depth) \$291.71 C

TRENCH CLEANERS

TRENCH CLEANER ASSEMBLY (For 50K digging chain - 2" pitch)		
190-2406	MECHANICAL CLEANER CONVER KIT (ROLLER)	\$530.21 C
TRENCH CLEANER SHOES (For 50K digging chain - 2" pitch)		
141-215	CLEANER SHOE (4")	\$26.35 C
141-134	CLEANER SHOE (6")	\$38.03 C
141-135	CLEANER SHOE (8")	\$47.01 C
141-136	CLEANER SHOE (10")	\$49.73 C
TRENCH CLEANER ASSEMBLY (For 70K digging chain - 3" pitch)		
100-129	CLEANER SHOE & SLIDE KIT	\$622.79 C
TRENCH CLEANER SHOES AND FACINGS (For 70K digging chain - 3" pitch)		
140-975	CLEANER SHOE (6-8")	\$38.76 C
116-033	SHOE FACING (6")	\$59.53 C
116-034	SHOE FACING (8")	\$70.36 C



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H516

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)
BOOMS			
LTR (LARGE TAIL ROLLER) BOOMS (w/grease cylinder)			
(For 50K digging chain - 2" pitch)			
		Chain Length in Pitches	
143-050	"42" LT ROLLER BOOM (2.000"P)"	84	\$1,442.01 C
143-060	"52" LT ROLLER BOOM (2.000"P)"	96	\$1,510.81 C
(For 70K digging chain - 3" pitch)			
143-130	LTR WEAR BAR BOOM (48" 3P)	62	\$1,958.50 C
140-1225	LTR WEAR BAR BOOM (60" 3P)	76	\$2,040.98 C
STS (SMALL TAIL SPROCKET) BOOMS			
(For 50K digging chain - 2" pitch)			
140-125	BOOM PARTS ASS'Y (58.8 2P)	98	\$1,200.68 C
(For 70K digging chain - 3" pitch)			
140-128	BOOM PARTS ASS'Y (58.8 3P)	70	\$1,485.46 C
BOOM STUBS - H516 (Select one)			
300-7310	BOOM STUB (30.3")		\$324.60 C
300-7311	BOOM STUB (24")		\$271.52 C

CHAIN ASSEMBLIES

Select Appropriate 50K or 70K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

H810

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H810**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H810 STANDARD #1		
	H810 Base	
	Includes: Basic Assembly, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly and Wear Bar Kit Std. Speed Gear Box	
		Total \$17,034.42 T
H810 BASIC TRENCHING ATTACHMENT		
	H810 Base	
	Includes: Basic Assembly, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly and Wear Bar Kit	
		\$12,160.42 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Counterweighting required		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$83.99 T
GEARBOX ASSEMBLY (Select one)		
	Low Speed Gear Box	\$4,874.00 T
	Std. Speed Gear Box	\$4,874.00 T
	High Speed Gear Box	\$4,874.00 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select)		
145-070	RIGHT AUGER	\$455.42 C
145-071	LEFT AUGER	\$455.42 C
145-109	RIGHT AUGER	\$260.94 C
145-110	LEFT AUGER	\$260.94 C
AUGER BRACKETS (Select one)		
141-521	LEFT AUGER BRACKET	\$523.12 C
	Shipped with: 141-520 RIGHT AUGER BRACKET	\$523.12 C
		\$1,046.24
141-539	24" LEFT AUGER BRACKET	\$611.74 C
	Shipped with: 141-540 24" RIGHT AUGER BRACKET	\$611.74 C
		\$1,223.48



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H810

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS - H810 (Select one)		
141-264	RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$93.90 C
141-265	RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$101.43 C
141-266	RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$113.19 C
141-267	RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$148.95 C
141-562	4' CLEANER BAR	\$578.51 C
	Shipped with: 104-175 4' BOOM KIT	\$66.29 C
		\$644.80 C
141-580	CLEANER BAR 5'	\$610.50 C
	Shipped with: 100-593 5' BOOM KIT	\$94.27 C
		\$704.77 C
141-579	CLEANER BAR 6'	\$642.50 C
	Shipped with: 100-594 6' BOOM KIT	\$98.04 C
		\$740.54 C
141-693	CLEANER BAR 8'	\$675.74 C
	Shipped with: 100-600 8' BOOM KIT	\$100.98 C
		\$776.72 C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

100-597	M/H910 H810 TRENCH CLEANER KIT	\$1,778.33 C
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TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94 C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50 \$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43 \$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**BOOMS****BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR**

140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38 C
		\$2,775.48 C

Chain Length in Pitches

140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C

Does not require a top bar kit



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H810

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR (Continued)					
Chain Length in Pitches					
140-1129	BOOM TUBE (70P-63.3")	(58" depth X 12" max. recom'd width)	70	\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")	(58" depth X 12" max. recom'd width)	70	\$596.96	C
	Both with:	100-736 SHORT TOP BAR KIT		\$174.11	C
140-1130	BOOM TUBE (78P-75.5")	(69" depth X 10" max. recom'd width)	78	\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")	(69" depth X 10" max. recom'd width)	78	\$611.74	C
	Both with:	100-737 LONG TOP BAR KIT		\$254.47	C
140-1131	BOOM TUBE (94P-101.1")	(90" depth X 7" max. recom'd width)	94	\$701.59	C
140-1179	HD BOOM TUBE (94P - 101.1")	(90" depth X 7" max. recom'd width)	94	\$798.82	C
	Both with:	100-737 LONG TOP BAR KIT	2 required	\$254.47	\$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
140-546	3P LTR WEAR-BAR BOOM 62P	(48" depth X 12" max. recom'd width)	62	\$2,295.55	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$2,933.93	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
140-547	3P LTR WEAR-BAR BOOM 70P	(58" depth X 12" max. recom'd width)	70	\$2,568.77	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$3,207.15	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
140-548	3P LTR WEAR-BAR BOOM 78P	(69" depth X 10" max. recom'd width)	78	\$2,909.72	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$3,548.10	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY	(48" depth X 12" max. recom'd width)	62	\$4,259.97	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY	(58" depth X 12" max. recom'd width)	70	\$4,593.52	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(H810 - 189)



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H810

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR (Continued)					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-660	78P HD WEAR BAR BOOM ASSY	(69" depth X 10" max. recom'd width)	78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P	(45" depth X 12" max. recom'd width)	62	\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P	(52" depth X 12" max. recom'd width)	68	\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P	(65" depth X 10" max. recom'd width)	78	\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P	(93" depth X 7" max. recom'd width)	94	\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H813

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H813**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H813 STANDARD #1		
	H813 Base	
	Includes: Basic Assembly, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly and Wear Bar Kit Standard Speed Hydraulic Slide	
		Total \$16,277.01 T
H813 BASIC TRENCHING ATTACHMENT		
	H813 Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit	
		\$12,323.17 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Counterweighting required. H813 (manual) and A820 requires 200 lbs. on opposite side of traverse		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$87.33 T
	ISO Decal Kit	\$26.14 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Low Speed High Torq	\$1,971.60 T
	Standard Speed	\$1,828.58 T
	High Speed Low Torq	\$1,971.60 T
SLIDE KITS (Select one)		
	Manual Slide	\$710.40 T
	Hydraulic Slide	\$2,125.26 T
ACCESSORIES (Optional)		
104-169	H515/H516/H540/H813 CTR WT KIT-MAN SLIDE	\$527.69 C
NOTE: Must be ordered when you select manual slide and backhoe		
190-1373	CYLINDER LOCK KIT	\$92.42 C
AUGERS (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C
604-684	DOUBLE LONG AUGER ASSEMBLY KIT	\$947.99 C



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H813

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS (Select one)		
141-041	RESTRAINT BAR (68.0") 3P (For 52" depth)	\$166.16 C
141-043	RESTRAINT BAR (81.0", 3P) (For 62" depth)	\$178.11 C
300-9716	PERSONNEL RESTRAINT BAR 110" (For 84" depth)	\$326.72 C
141-053	CLEANER TUBE (60.5") (For 52" depth)	\$356.94 C
141-351	3P, 5' CLEANER BAR (For 62" depth)	\$291.71 C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY
(For 70K digging chain - 3" pitch)**

100-129	CLEANER SHOE & SLIDE KIT	\$622.79 C
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**TRENCH CLEANER SHOES AND FACINGS
(For 70K digging chain - 3" pitch)**

140-975	CLEANER SHOE (6-8")	\$38.76 C
116-033	SHOE FACING (6")	\$59.53 C
116-034	SHOE FACING (8")	\$70.36 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar, and Cleaner Shoe(s)**BOOMS****LTR (LARGE TAIL ROLLER) BOOMS (w/grease cylinder)
(For 70K digging chain - 3" pitch)**

		Chain Length in Pitches	
143-130	LTR WEAR BAR BOOM (48" 3P) (For 52" depth)	62	\$1,958.50 C
140-1225	LTR WEAR BAR BOOM (60" 3P) (For 62" depth)	76	\$2,040.98 C

**STS (SMALL TAIL SPROCKET) BOOMS
(For 70K digging chain - 3" pitch)**

140-128	BOOM PARTS ASS'Y (58.8 3P) (For 52" depth)	68	\$1,485.46 C
140-1186	94P STS BOOM ASSEMBLY (For 84" depth)	94	\$2,172.09 C

BOOM STUBS (Select one)

190-1366	30" BOOM STUB KIT	\$373.66 C
190-1367	24" BOOM STUB KIT	\$333.49 C

CHAIN ASSEMBLIES**Select Appropriate 70K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List**



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H813

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$1,000.00 A



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H910

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H910 STANDARD #1		
	H910 Base	
	Includes: Basic Assembly, English Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit, Ship Kit Gearbox-11.75:1 (STD)	
	Total	\$17,193.66 T
H910 BASIC CENTERLINE TRENCHING ATTACHMENT		
	H910 Base	
	Includes: Basic Assembly, English Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit, Ship Kit	
		\$12,649.34 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
SHIP KIT (Select one)		
	Quad Ship Kit	\$601.00 T
	HT Ship Kit	\$797.96 T
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$83.99 T
	ISO Decal Kit	\$25.19 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox-15.73:1 (LO)	\$4,544.32 T
	Gearbox-11.75:1 (STD)	\$4,544.32 T
	Gearbox-9.69:1 (HIGH)	\$4,544.32 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select)		
145-070	RIGHT AUGER	\$455.42 C
145-071	LEFT AUGER	\$455.42 C
145-109	RIGHT AUGER	\$260.94 C
145-110	LEFT AUGER	\$260.94 C



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H910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
AUGER BRACKETS (Select one)			
141-521	LEFT AUGER BRACKET	\$523.12	C
	Shipped with: 141-520 RIGHT AUGER BRACKET	\$523.12	C
		\$1,046.24	
141-539	24" LEFT AUGER BRACKET	\$611.74	C
	Shipped with: 141-540 24" RIGHT AUGER BRACKET	\$611.74	C
		\$1,223.48	
RESTRAINT BARS AND CLEANER BARS - H910 (Select one)			
141-264	RESTRAINT BAR (62P)		(For 140-1128 boom tube and 143-205 booms) \$93.90 C
141-265	RESTRAINT BAR (70P)		(For 140-1129 boom tube and 143-206 booms) \$101.43 C
141-266	RESTRAINT BAR (78P)		(For 140-1130 boom tube and 143-207 booms) \$113.19 C
141-267	RESTRAINT BAR (94P)		(For 140-1131 boom tube and 143-208 booms) \$148.95 C
141-562	4' CLEANER BAR	\$578.51	C
	Shipped with: 104-175 4' BOOM KIT	\$66.29	C
		\$644.80	C
141-580	CLEANER BAR 5'	\$610.50	C
	Shipped with: 100-593 5' BOOM KIT	\$94.27	C
		\$704.77	C
141-579	CLEANER BAR 6'	\$642.50	C
	Shipped with: 100-594 6' BOOM KIT	\$98.04	C
		\$740.54	C
141-693	CLEANER BAR 8'	\$675.74	C
	Shipped with: 100-600 8' BOOM KIT	\$100.98	C
		\$776.72	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

100-597	M/H910 H810 TRENCH CLEANER KIT	\$1,778.33	C
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TRENCH CLEANER SHOES

141-675	6" SHOE	(For 6" chain width)		\$51.94	C
141-558	3" ADJUSTABLE SHOE	(For up to 10" chain width)	2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE	(For 12" to 14" chain width)	2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)



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H910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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H910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)		62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)		70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)		78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)		62	\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)		68	\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)		78	\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)		94	\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H911

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H911

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H911 STANDARD #1		
	H911 Base	
	Includes: Basic Assembly, English Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit Gearbox-11.75:1 (STD)	
		Total \$24,308.72 T
H911 BASIC TRENCHING ATTACHMENT		
	H911 Base	
	Includes: Basic Assembly, English Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit	
		\$19,676.17 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
SHIP KIT (Select one)		
	Quad Ship Kit	\$609.25 T
	HT Ship Kit	\$969.83 T
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$83.99 T
	ISO Decal Kit	\$26.90 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox-15.73:1 (LO)	\$4,632.55 T
	Gearbox-11.75:1 (STD)	\$4,632.55 T
	Gearbox-9.69:1 (HIGH)	\$4,632.55 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-070	RIGHT AUGER	\$455.42 C
145-071	LEFT AUGER	\$455.42 C
145-109	RIGHT AUGER	\$260.94 C
145-110	LEFT AUGER	\$260.94 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
AUGER BRACKETS (Select one)			
141-521	LEFT AUGER BRACKET	\$523.12	C
	Shipped with: 141-520 RIGHT AUGER BRACKET	\$523.12	C
		\$1,046.24	
141-539	24" LEFT AUGER BRACKET	\$611.74	C
	Shipped with: 141-540 24" RIGHT AUGER BRACKET	\$611.74	C
		\$1,223.48	
RESTRAINT BARS AND CLEANER BARS			
141-264	RESTRAINT BAR (62P)		(For 140-1128 boom tube and 143-205 booms) \$93.90 C
141-265	RESTRAINT BAR (70P)		(For 140-1129 boom tube and 143-206 booms) \$101.43 C
141-266	RESTRAINT BAR (78P)		(For 140-1130 boom tube and 143-207 booms) \$113.19 C
141-267	RESTRAINT BAR (94P)		(For 140-1131 boom tube and 143-208 booms) \$148.95 C
141-562	4' CLEANER BAR	\$578.51	C
	Shipped with: 104-175 4' BOOM KIT	\$66.29	C
		\$644.80	C
141-580	CLEANER BAR 5'	\$610.50	C
	Shipped with: 100-593 5' BOOM KIT	\$94.27	C
		\$704.77	C
141-579	CLEANER BAR 6'	\$642.50	C
	Shipped with: 100-594 6' BOOM KIT	\$98.04	C
		\$740.54	C
141-693	CLEANER BAR 8'	\$675.74	C
	Shipped with: 100-600 8' BOOM KIT	\$100.98	C
		\$776.72	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

100-577	H911 TRENCHER CLEANER KIT	\$1,778.33	C
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TRENCH CLEANER SHOES

141-675	6" SHOE	(For 6" chain width)		\$51.94	C
141-558	3" ADJUSTABLE SHOE	(For up to 10" chain width)	2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE	(For 12" to 14" chain width)	2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)		62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)		70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)		78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)		62	\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)		68	\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)		78	\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)		94	\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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M910

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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M910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
M910 STANDARD #1		
	M910A Base	
	Includes: Basic Assembly, English Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit, Ship Kit Gearbox 7.64:1 (STD)	
		Total \$16,912.69 T
M910 BASIC CENTERLINE DIGGING ATTACHMENT		
	M910A Base	
	Includes: Basic Assembly, English Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Wear Bar Kit, Ship Kit	
		\$13,088.53 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$96.56 T
	ISO Decal Kit	\$39.60 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox 8.4:1 (LO)	\$3,824.16 T
	Gearbox 7.64:1 (STD)	\$3,824.16 T
	Gearbox 6.96:1 (HIGH)	\$3,824.16 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select)		
145-070	RIGHT AUGER	\$455.42 C
145-071	LEFT AUGER	\$455.42 C
145-109	RIGHT AUGER	\$260.94 C
145-110	LEFT AUGER	\$260.94 C
AUGER BRACKETS (Select one)		
141-521	LEFT AUGER BRACKET	\$523.12 C
	Shipped with: 141-520 RIGHT AUGER BRACKET	\$523.12 C
		\$1,046.24
141-539	24" LEFT AUGER BRACKET	\$611.74 C
	Shipped with: 141-540 24" RIGHT AUGER BRACKET	\$611.74 C
		\$1,223.48



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS - M910 (Select one)		
141-264	RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$93.90 C
141-265	RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$101.43 C
141-266	RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$113.19 C
141-267	RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$148.95 C
141-562	4' CLEANER BAR	\$578.51 C
	Shipped with: 104-175 4' BOOM KIT	\$66.29 C
		\$644.80 C
141-580	CLEANER BAR 5'	\$610.50 C
	Shipped with: 100-593 5' BOOM KIT	\$94.27 C
		\$704.77 C
141-579	CLEANER BAR 6'	\$642.50 C
	Shipped with: 100-594 6' BOOM KIT	\$98.04 C
		\$740.54 C
141-693	CLEANER BAR 8'	\$675.74 C
	Shipped with: 100-600 8' BOOM KIT	\$100.98 C
		\$776.72 C
Trench Cleaner - See Rear Attachment Options		

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

100-597	M/H910 H810 TRENCH CLEANER KIT	\$1,778.33 C
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TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94 C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50 \$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43 \$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)



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M910

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)	68		\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)	94		\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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M912

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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M912

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
M912 STANDARD #1		
	M912A Base	
	Includes: Basic Assembly, Production Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Ship Kit Gearbox 7.64:1 (STD)	
		Total \$24,670.42 T
M912 BASIC DOUBLE PIVOT DIGGING ATTACHMENT		
	M912A Base	
	Includes: Basic Assembly, Production Decal Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Ship Kit	
		\$20,733.78 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Rear counterweighting required when A920 backhoe is mounted, 200 lbs. on digging attachment frame		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$96.56 T
	ISO Decal Kit	\$29.25 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox 8.4:1 (LO)	\$3,936.64 T
	Gearbox 7.64:1 (STD)	\$3,936.64 T
	Gearbox 9.26:1 (ELO)	\$4,129.61 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select)		
145-070	RIGHT AUGER	\$455.42 C
145-071	LEFT AUGER	\$455.42 C
145-109	RIGHT AUGER	\$260.94 C
145-110	LEFT AUGER	\$260.94 C
AUGER BRACKETS (Select one)		
141-747	12" RIGHT AUGER BRACKET	\$700.42 C
	Shipped with: 141-746 12" LEFT AUGER BRACKET	\$700.42 C
		\$1,400.84
141-748	24" LEFT AUGER BRACKET	\$825.92 C
	Shipped with: 141-749 24" RIGHT AUGER BRACKET	\$825.92 C
		\$1,651.84



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
OFFSET COVER KIT (Select one)		
191-334	OFFSET COVER KIT (6" & 8")	\$186.15 C
191-335	OFFSET COVER KIT (10" & 12")	\$186.15 C
RESTRAINT BARS AND CLEANER BARS - M912 (Select one)		
141-264	RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$93.90 C
141-265	RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$101.43 C
141-266	RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$113.19 C
141-267	RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$148.95 C
141-562	4' CLEANER BAR	\$578.51 C
	Shipped with: 104-175 4' BOOM KIT	\$66.29 C
		\$644.80 C
141-580	CLEANER BAR 5'	\$610.50 C
	Shipped with: 104-085 5' BOOM KIT	\$100.45 C
		\$710.95 C
141-579	CLEANER BAR 6'	\$642.50 C
	Shipped with: 104-086 6' BOOM KIT	\$113.85 C
		\$756.35 C
141-693	CLEANER BAR 8'	\$675.74 C
	Shipped with: 104-087 8' BOOM KIT	\$147.33 C
		\$823.07 C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

104-032	912 TR CLEAN KIT	\$1,726.88 C
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TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94 C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50 \$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43 \$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**ACCESSORIES**

104-043	COUNTERWEIGHT KIT M912/DT100M (Required if mounting A920 and M912)	\$875.89 C
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CONFIDENTIAL

M912

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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M912

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)		62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)		70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)		78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)		62	\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)		68	\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)		78	\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)		94	\$2,210.60	C

CHAIN ASSEMBLIES

Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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CT100M

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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CT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
CT100M STANDARD #1			
	CT100M Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit Boom Fit-Up Kit, Auger Drive Sprocket Assembly Gearbox 7.64:1 (STD)		
		Total	\$19,611.60 T
CT100M BASIC CENTERLINE DIGGING ATTACHMENT			
	CT100M Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit Boom Fit-Up Kit, Auger Drive Sprocket Assembly		
			\$15,749.94 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp			
TRANSLATION DECALS (Select if translation is needed)			
	Foreign Decal Kit	\$54.28	T
	ISO Decal Kit	\$15.76	T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States			
GEARBOX ASSEMBLY (Select one)			
	Gearbox 8.4:1 (LO)	\$3,861.66	T
	Gearbox 7.64:1 (STD)	\$3,861.66	T
	Gearbox 9.26:1 (ELO)	\$4,050.95	T
HEXSHAFT FOR AUGERS (Select one)			
145-244	DOUBLE AUGER SHAFT	\$104.63	C
145-245	SINGLE AUGER SHAFT	\$101.42	C
AUGERS (Select)			
145-070	RIGHT AUGER	\$455.42	C
145-071	LEFT AUGER	\$455.42	C
145-109	RIGHT AUGER	\$260.94	C
145-110	LEFT AUGER	\$260.94	C
AUGER BRACKETS (Select one)			
141-521	LEFT AUGER BRACKET	\$523.12	C
	Shipped with: 141-520 RIGHT AUGER BRACKET	\$523.12	C
			\$1,046.24
141-539	24" LEFT AUGER BRACKET	\$611.74	C
	Shipped with: 141-540 24" RIGHT AUGER BRACKET	\$611.74	C
			\$1,223.48



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CT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
RESTRAINT BARS AND CLEANER BARS - CT100M (Select one)			
140-0001	GG DANGER RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$104.56	C
140-0002	GG DANGER RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$114.01	C
140-0003	GG DANGER RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$128.72	C
140-0004	GG DANGER RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$164.45	C
140-0014	CLEANER BAR 4' Shipped with: 140-0024 4' BOOM KIT	\$583.19 \$91.44	C C
		\$674.63	C
140-0015	CLEANER BAR 5' Shipped with: 140-0025 5' BOOM KIT	\$614.72 \$94.69	C C
		\$709.41	C
140-0016	CLEANER BAR 6' Shipped with: 140-0026 6' BOOM KIT	\$646.25 \$97.94	C C
		\$744.19	C
140-0018	CLEANER BAR 8' Shipped with: 140-0028 8' BOOM KIT	\$688.27 \$101.18	C C
		\$789.45	C

ACCESSORIES

604-541	WEAR BAR KIT	(Shipped with Basic Unit)	\$325.80	C
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TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2400	CT120H/CT100M TRENCH CLEANER KIT		\$2,434.77	C
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TRENCH CLEANER SHOES

141-675	6" SHOE	(For 6" chain width)		\$51.94	C
141-558	3" ADJUSTABLE SHOE	(For up to 10" chain width)	2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE	(For 12" to 14" chain width)	2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)



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CT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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CT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)	68		\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)	94		\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

DT100M

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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DT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
DT100M STANDARD #1			
	DT100M Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit Boom Fit-Up Kit, Auger Drive Sprocket Assembly Gearbox 7.64:1 (STD)		
		Total	\$33,528.35 T
DT100M BASIC DOUBLE PIVOT DIGGING ATTACHMENT			
	DT100M Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit Boom Fit-Up Kit, Auger Drive Sprocket Assembly		
			\$29,666.69 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp			
TRANSLATION DECALS (Select if translation is needed)			
	Foreign Decal Kit	\$54.28	T
	ISO Decal Kit	\$29.25	T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States			
GEARBOX ASSEMBLY (Select one)			
	Gearbox 8.4:1 (LO)	\$3,861.66	T
	Gearbox 7.64:1 (STD)	\$3,861.66	T
	Gearbox 6.96:1 (HI)	\$3,861.66	T
	Gearbox 9.26:1 (ELO)	\$4,050.95	T
HEXSHAFT FOR AUGERS (Select one)			
145-244	DOUBLE AUGER SHAFT	\$104.63	C
145-245	SINGLE AUGER SHAFT	\$101.42	C
AUGERS (Select)			
145-070	RIGHT AUGER	\$455.42	C
145-071	LEFT AUGER	\$455.42	C
145-109	RIGHT AUGER	\$260.94	C
145-110	LEFT AUGER	\$260.94	C
AUGER BRACKETS (Select one)			
141-747	12" RIGHT AUGER BRACKET	\$700.42	C
	Shipped with: 141-746 12" LEFT AUGER BRACKET	\$700.42	C
			\$1,400.84
141-748	24" LEFT AUGER BRACKET	\$825.92	C
	Shipped with: 141-749 24" RIGHT AUGER BRACKET	\$825.92	C
			\$1,651.84

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(DT100M - 221)



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DT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
OFFSET COVER KIT (Select one)		
191-334	OFFSET COVER KIT (6" & 8")	\$186.15 C
191-335	OFFSET COVER KIT (10" & 12")	\$186.15 C
RESTRAINT BARS AND CLEANER BARS - DT100M (Select one)		
140-0001	GG DANGER RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$104.56 C
140-0002	GG DANGER RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$114.01 C
140-0003	GG DANGER RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$128.72 C
140-0004	GG DANGER RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$164.45 C
140-0014	CLEANER BAR 4'	\$583.19 C
	Shipped with: 140-0034 4' DT BOOM KIT	\$107.11 C
		\$690.30 C
140-0015	CLEANER BAR 5'	\$614.72 C
	Shipped with: 140-0035 5' DT BOOM KIT	\$136.39 C
		\$751.11 C
140-0016	CLEANER BAR 6'	\$646.25 C
	Shipped with: 140-0036 6' DT BOOM KIT	\$139.59 C
		\$785.84 C
140-0018	CLEANER BAR 8'	\$688.27 C
	Shipped with: 140-0038 8' DT BOOM KIT	\$182.48 C
		\$870.75 C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2420	DT100M TRENCH CLEANER KIT	\$2,364.31 C
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TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94 C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50 \$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43 \$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**ACCESSORIES**

104-043	COUNTERWEIGHT KIT M912/DT100M (Required if mounting A920 and M912)	\$875.89 C
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DT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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DT100M

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)	68		\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)	94		\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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CT120H

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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CT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
CT120H STANDARD #1			
	CT120H Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Driver Sprocket Assembly, Wear Bar Kit Gearbox 11.75:1 (STD)		
		Total	\$19,139.38 T
CT120H BASIC CENTERLINE TRENCHING ATTACHMENT			
	CT120H Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Driver Sprocket Assembly, Wear Bar Kit		
			\$14,595.06 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp			
TRANSLATION DECALS (Select if translation is needed)			
	Foreign Decal Kit	\$54.06	T
	ISO Decal Kit	\$15.76	T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States			
GEARBOX ASSEMBLY (Select one)			
	Gearbox 15.73:1 (LO)	\$4,544.32	T
	Gearbox 11.75:1 (STD)	\$4,544.32	T
	Gearbox 9.69:1 (HIGH)	\$4,544.32	T
HEXSHAFT FOR AUGERS (Select one)			
145-244	DOUBLE AUGER SHAFT	\$104.63	C
145-245	SINGLE AUGER SHAFT	\$101.42	C
AUGERS (Select)			
145-070	RIGHT AUGER	\$455.42	C
145-071	LEFT AUGER	\$455.42	C
145-109	RIGHT AUGER	\$260.94	C
145-110	LEFT AUGER	\$260.94	C
AUGER BRACKETS (Select one)			
141-520	RIGHT AUGER BRACKET	\$523.12	C
	Shipped with: 141-521 LEFT AUGER BRACKET	\$523.12	C
			\$1,046.24
141-540	24" RIGHT AUGER BRACKET	\$611.74	C
	Shipped with: 141-539 24" LEFT AUGER BRACKET	\$611.74	C
			\$1,223.48



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CT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
RESTRAINT BARS AND CLEANER BARS - CT120H (Select one)			
140-0001	GG DANGER RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$104.56	C
140-0002	GG DANGER RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$114.01	C
140-0003	GG DANGER RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$128.72	C
140-0004	GG DANGER RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$164.45	C
140-0014	CLEANER BAR 4' Shipped with: 140-0024 4' BOOM KIT	\$583.19 \$91.44	C C
		\$674.63	C
140-0015	CLEANER BAR 5' Shipped with: 140-0025 5' BOOM KIT	\$614.72 \$94.69	C C
		\$709.41	C
140-0016	CLEANER BAR 6' Shipped with: 140-0026 6' BOOM KIT	\$646.25 \$97.94	C C
		\$744.19	C
140-0018	CLEANER BAR 8' Shipped with: 140-0028 8' BOOM KIT	\$688.27 \$101.18	C C
		\$789.45	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2400 CT120H/CT100M TRENCH CLEANER KIT \$2,434.77 C

TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94	C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**QUAD ADAPTER KIT (Optional)**

Quad Adapter Kit (Required if mounting on RT125Q) \$456.72 T

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 2 Gallons \$147.23 T



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CT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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CT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)	68		\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)	94		\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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ST120H

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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ST120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
ST120H STANDARD #1			
	ST120H Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Driver Sprocket Assembly, Wear Bar Kit Gearbox-11.75:1 (STD)		
		Total	\$27,097.92 T
ST120H BASIC SLIDING TRENCHING ATTACHMENT			
	ST120H Base		
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Auger Driver Sprocket Assembly, Wear Bar Kit		
			\$22,553.60 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp			
TRANSLATION DECALS (Select if translation is needed)			
	Foreign Decal Kit	\$54.06	T
	ISO Decal Kit	\$17.57	T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States			
GEARBOX ASSEMBLY (Select one)			
	Gearbox-15.73:1 (LO)	\$4,544.32	T
	Gearbox-11.75:1 (STD)	\$4,544.32	T
	Gearbox-9.69:1 (HIGH)	\$4,544.32	T
HEXSHAFT FOR AUGERS (Select one)			
145-244	DOUBLE AUGER SHAFT	\$104.63	C
145-245	SINGLE AUGER SHAFT	\$101.42	C
AUGERS (Select)			
145-070	RIGHT AUGER	\$455.42	C
145-071	LEFT AUGER	\$455.42	C
145-109	RIGHT AUGER	\$260.94	C
145-110	LEFT AUGER	\$260.94	C
AUGER BRACKETS (Select one)			
141-520	RIGHT AUGER BRACKET	\$523.12	C
	Shipped with: 141-521 LEFT AUGER BRACKET	\$523.12	C
			\$1,046.24
141-540	24" RIGHT AUGER BRACKET	\$611.74	C
	Shipped with: 141-539 24" LEFT AUGER BRACKET	\$611.74	C
			\$1,223.48



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ST120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
RESTRAINT BARS AND CLEANER BARS - ST120H (Select one)			
140-0001	GG DANGER RESTRAINT BAR (62P) (For 140-1128 boom tube and 143-205 booms)	\$104.56	C
140-0002	GG DANGER RESTRAINT BAR (70P) (For 140-1129 boom tube and 143-206 booms)	\$114.01	C
140-0003	GG DANGER RESTRAINT BAR (78P) (For 140-1130 boom tube and 143-207 booms)	\$128.72	C
140-0004	GG DANGER RESTRAINT BAR (94P) (For 140-1131 boom tube and 143-208 booms)	\$164.45	C
140-0014	CLEANER BAR 4' Shipped with: 140-0024 4' BOOM KIT	\$583.19 \$91.44	C C
		\$674.63	C
140-0015	CLEANER BAR 5' Shipped with: 140-0025 5' BOOM KIT	\$614.72 \$94.69	C C
		\$709.41	C
140-0016	CLEANER BAR 6' Shipped with: 140-0026 6' BOOM KIT	\$646.25 \$97.94	C C
		\$744.19	C
140-0018	CLEANER BAR 8' Shipped with: 140-0028 8' BOOM KIT	\$688.27 \$101.18	C C
		\$789.45	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2415 ST120H TRENCH CLEANER KIT \$2,380.66 C

TRENCH CLEANER SHOES

141-675	6" SHOE (For 6" chain width)	\$51.94	C
141-558	3" ADJUSTABLE SHOE (For up to 10" chain width) 2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE (For 12" to 14" chain width) 2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**QUAD ADAPTER KIT (Optional)**

Quad Adapter Kit (Required if mounting on RT125Q) \$456.72 T

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 2 Gallons \$147.23 T



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ST120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
140-1131	BOOM TUBE (94P-101.1") (90" depth X 7" max. recom'd width)	94	\$701.59 C
140-1179	HD BOOM TUBE (94P - 101.1") (90" depth X 7" max. recom'd width)	94	\$798.82 C
	Both with: 100-737 LONG TOP BAR KIT	2 required	\$254.47 \$508.94 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$2,933.93 C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38 C
			\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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ST120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-206	BOOM PARTS ASS'Y 3P STS 68P (52" depth X 12" max. recom'd width)	68		\$1,857.35	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C
143-208	BOOM PARTS ASS'Y 3P STS 94P (93" depth X 7" max. recom'd width)	94		\$2,210.60	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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PLOW ATTACHMENT

- **H533**
- **H832**
- **H932**
- **H1032**
- **VP120H**
- **VP120Q**



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H533

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H533

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H533 STANDARD #1		
	H533 Base	
	Includes: Basic Assembly, Decal Kit English, and Ship Kit	
		Total \$21,676.46 T

NOTES: RT55H with H533 requires 1,200 lbs. on plow frame**H533 and RC55 (less than 700 lb. reel) requires 480 lbs. nose counterweights and 1,200 lbs. on plow frame****H533 and RC55 (700 lb. to 1,500 lb. reel) requires 1,200 lbs. on plow frame****TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$26.21 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**PLOW ACCESSORIES (Optional)**

191-403	WEIGHT MOUNT KIT (REAR) - H533	\$176.80	C
191-496	CBL GDE KIT, 2-POST, H533/H553	\$751.33	C
191-497	CBL GDE KIT, 4-POST, H533/H553	\$1,731.68	C
375-080	COUNTERWEIGHT (100 LBS)	\$172.30	C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H832

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

H832

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H832 STANDARD #1		
	H832 Base	
	Includes: Basic Assembly, Vibratory Assembly, and Ship Kit	
		Total \$22,676.87 T

NOTE: Front counterweighting required: backhoe, weighted reel carrier or front counterweight**PLOW ACCESSORIES (Optional)**

190-1999	CABLE GUIDE, 4-POST ROPS			\$1,186.58	C
190-2001	CABLE GUIDE, 2-POST ROPS			\$1,077.50	C
190-2032	WEIGHT RACK KIT			\$277.55	C
375-080	COUNTERWEIGHT (100 LBS)	10 required	\$172.30	\$1,723.00	C
190-1637	TAPE DISPENSER			\$180.67	C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

H932

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H932

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H932 STANDARD #1		
	H932 Base	
	Includes: Basic Assembly, English Decal Kit, Heavy Weights	
		Total \$25,425.73 T

**NOTES: Front counterweighting required: backhoe, weighted reel carrier or front counterweight
 Rear counterweighting required: 1,000 lb on plow frame**

SHIP KIT (Select one)		
	RT Ship Kit	\$667.59 T
	HT Ship Kit	\$1,135.43 T

TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$18.83 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

PLOW ACCESSORIES (Optional)

191-489	CABLE GUIDE (H732, H752, H932, H952)		\$1,455.81 C
375-080	COUNTERWEIGHT (100 LBS)	10 required	\$172.30 \$1,723.00 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H1032

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H1032

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H1032 STANDARD #1		
	H1032 Base	
	Includes: Basic Assembly, English Decal Kit, Heavy Weights, Ship Kit	
		Total \$27,864.68 T
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$21.70 T
	ISO Decal Kit	\$18.86 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
PLOW ACCESSORIES (Optional)		
191-489	CABLE GUIDE (H732, H752, H932, H952)	\$1,455.81 C
375-080	COUNTERWEIGHT (100 LBS)	\$172.30 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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VP120H

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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VP120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
VP120H STANDARD #1		
	VP120H Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit and Heavy Weights	
		Total \$27,527.47 T

NOTES: Front counterweighting required: no front attachment
500 lbs of TBS in each rear tire and plow weights required: backhoe or reel carrier

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit \$14.90 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**PLOW ACCESSORIES (Optional)**

190-2641	CABLE GUIDE KIT	\$1,460.86	C
190-2523	PLOW COUNTERWEIGHT KIT	\$1,698.92	C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 2 Gallons \$147.23 T

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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VP120Q

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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VP120Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
VP120Q STANDARD #1		
	VP120Q Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit and Heavy Weights	
		Total \$27,772.05 T

NOTE: Front counterweighting required: backhoe, weighted reel carrier or front counterweight

TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$14.90 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

PLOW ACCESSORIES (Optional)

190-2641	CABLE GUIDE KIT	\$1,460.86 C
190-2523	PLOW COUNTERWEIGHT KIT	\$1,698.92 C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	2 Gallons	\$147.23 T
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$1,000.00 A



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COMBO ATTACHMENT

- **H553**
- **H853**
- **H952**
- **H1052**
- **PT120H**
- **PT120Q**



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H553

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H553

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H553 STANDARD #1		
	H553 Base	
	Includes: Basic Assembly, Decal Kit English	
	10 Tooth Sprk	
	Low Speed High Torq	
	Total	\$28,113.06 T
H553 STANDARD #2		
	H553 Base	
	Includes: Basic Assembly, Decal Kit English	
	10 Tooth Sprk	
	Standard Speed	
	Total	\$28,113.06 T
H553 BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	H553 Base	
	Includes: Basic Assembly, Decal Kit English	
		\$23,788.37 T
50,000 lb components not covered by Product Support policy when used on power units over 50 hp		
NOTE: H553 and A523 requires 300 lbs. on right side		
H553 and RC55 (less than 700 lb. reel) requires 400 lbs. TBS on front axle, 480 lbs. nose counterweights and 300 lbs. on right side		
H553 and RC55 (700 lb. to 1,500 lb. reel) requires 300 lbs. on right side		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$120.43 T
	ISO Decal Kit	\$53.29 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
H553 HYDRAULIC DRIVE MOTOR (Select one)		
	Standard Speed	\$2,009.88 T
	Low Speed High Torq	\$2,009.88 T
	High Speed Low Torq	\$2,009.88 T
ASSEMBLY KITS (Select one)		
	10 Tooth Sprk	\$2,314.81 T
	Shipped with: Ship Kit, Left Restraint Bracket, Right Restraint Bracket, 3P Boom Stub	
	12 Tooth Sprk	\$2,000.78 T
	Shipped with: Ship Kit, Left Mount Bracket, Right Mount Bracket, 2P Boom Stub	
	14 Tooth Sprk	\$2,014.43 T
	Shipped with: Ship Kit, Left Mount Bracket, Right Mount Bracket, 2P Boom Stub	



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
AUGERS (Select one)		
604-681	SINGLE SHORT AUGER ASSEMBLY	\$434.33 C
604-682	DOUBLE SHORT AUGER ASSEMBLY KIT	\$737.33 C
604-683	SINGLE LONG AUGER ASSEMBLY KIT	\$654.11 C
RESTRAINT BARS AND CLEANER BARS (Select one)		
For 50K - 2" pitch chains		
141-274	RESTRAINT BAR (56", 2P) (For 52" depth)	\$93.90 C
141-350	RESTRAINT BAR (80.5", 2P) (For 62" depth)	\$116.29 C
For 70K - 3" pitch chains		
141-040	RESTRAINT BAR (54.0", 3P) (For 42" depth)	\$160.27 C
141-041	RESTRAINT BAR (68.0") 3P (For 52" depth)	\$166.16 C
141-043	RESTRAINT BAR (81.0", 3P) (For 62" depth)	\$178.11 C
For 50K - 2" pitch chains		
140-1361	3' LOWER CLEANER BAR (2.000"P) (For 42" depth)	\$183.40 C
140-1363	4' LOWER CLEANER BAR (2.000"P) (For 52" depth)	\$237.54 C
For 70K - 3" pitch chains		
141-052	CLEANER TUBE (44.0") (For 39" depth)	\$279.39 C
141-053	CLEANER TUBE (60.5") (For 52" depth)	\$356.94 C
141-351	3P, 5' CLEANER BAR (For 62" depth)	\$291.71 C
Trench Cleaner - See Rear Attachment Options		
PLOW ACCESSORIES (Optional)		
191-369	WEIGHT MOUNT KIT (REAR) - H553	\$111.30 C
191-496	CBL GDE KIT, 2-POST, H533/H553	\$751.33 C
191-497	CBL GDE KIT, 4-POST, H533/H553	\$1,731.68 C
375-080	COUNTERWEIGHT (100 LBS)	\$172.30 C
TRENCH CLEANERS		
TRENCH CLEANER ASSEMBLY (For 50K digging chain - 2" pitch)		
190-2406	MECHANICAL CLEANER CONVER KIT (ROLLER)	\$530.21 C
TRENCH CLEANER SHOES (For 50K digging chain - 2" pitch)		
141-215	CLEANER SHOE (4")	\$26.35 C
141-134	CLEANER SHOE (6")	\$38.03 C
141-135	CLEANER SHOE (8")	\$47.01 C
141-136	CLEANER SHOE (10")	\$49.73 C
TRENCH CLEANER ASSEMBLY (For 70K digging chain - 3" pitch)		
100-129	CLEANER SHOE & SLIDE KIT	\$622.79 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRENCH CLEANER SHOES AND FACINGS		
(For 70K digging chain - 3" pitch)		
140-975	CLEANER SHOE (6-8")	\$38.76 C
116-033	SHOE FACING (6")	\$59.53 C
116-034	SHOE FACING (8")	\$70.36 C

BOOMS**LTR (LARGE TAIL ROLLER) BOOMS (w/grease cylinder)**
(For 50K digging chain - 2" pitch)

		Chain Length in Pitches	
143-050	"42" LT ROLLER BOOM (2.000"P)"	84	\$1,442.01 C
143-060	"52" LT ROLLER BOOM (2.000"P)"	96	\$1,510.81 C
(For 70K digging chain - 3" pitch)			
143-130	LTR WEAR BAR BOOM (48" 3P)	62	\$1,958.50 C
140-1225	LTR WEAR BAR BOOM (60" 3P)	76	\$2,040.98 C

STS (SMALL TAIL SPROCKET) BOOMS
(For 50K digging chain - 2" pitch)

		Chain Length in Pitches	
140-125	BOOM PARTS ASS'Y (58.8 2P)	98	\$1,200.68 C

CHAIN ASSEMBLIES

Select Appropriate 50K or 70K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H853

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H853

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H853 STANDARD #1		
	H853 Base	
	Includes: Basic Assembly, Vibrator Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Wear Bar Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Standard Speed	
		Total \$36,950.31 T
H853 STANDARD #2		
	H853 Base	
	Includes: Basic Assembly, Vibrator Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Wear Bar Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Low Speed High Torq	
		Total \$36,950.31 T
H853 BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	H853 Base	
	Includes: Basic Assembly, Vibrator Assembly, Production Decal Kit, Ship Kit, Boom Fit-Up Kit, Wear Bar Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly	
		\$34,978.71 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Front counterweighting required: backhoe, weighted reel carrier or front counterweight		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$24.09 T
	ISO Decal Kit	\$44.70 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
H853 HYDRAULIC DRIVE MOTOR (Select one)		
	Standard Speed	\$1,971.60 T
	Low Speed High Torq	\$1,971.60 T
	High Speed Low Torq	\$1,971.60 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-311	R.H. QUARTER AUGER ASSEMBLY	\$241.24 C
145-110	LEFT AUGER	\$260.94 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RESTRAINT BARS AND CLEANER BARS (Select one)		
140-1218	RESTRAINT BAR-62P COMBO (For 52" depth)	\$136.62 C
140-1219	RESTRAINT BAR-70P COMBO (For 62" depth)	\$136.62 C
140-1220	RESTRAINT BAR-78P COMBO (For 42" depth)	\$136.62 C

COMBO ACCESSORIES (Optional)

190-1999	CABLE GUIDE, 4-POST ROPS	\$1,186.58 C
190-2001	CABLE GUIDE, 2-POST ROPS	\$1,077.50 C
190-1637	TAPE DISPENSER	\$180.67 C

BOOMS**BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR**

140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C

Chain Length in Pitches

140-1128	BOOM TUBE (62P-51")	(48" depth X 12" max. recom'd width)	62	\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")	(48" depth X 12" max. recom'd width)	62	\$535.42	C

Does not require a top bar kit

140-1129	BOOM TUBE (70P-63.3")	(58" depth X 12" max. recom'd width)	70	\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")	(58" depth X 12" max. recom'd width)	70	\$596.96	C
	Both with: 100-736 SHORT TOP BAR KIT			\$174.11	C

140-1130	BOOM TUBE (78P-75.5")	(69" depth X 10" max. recom'd width)	78	\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")	(69" depth X 10" max. recom'd width)	78	\$611.74	C
	Both with: 100-737 LONG TOP BAR KIT			\$254.47	C

BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR**Premium chain or weld-on alligator chain is required for warranty policy consideration****Chain Length in Pitches**

140-546	3P LTR WEAR-BAR BOOM 62P	(48" depth X 12" max. recom'd width)	62	\$2,295.55	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$2,933.93	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C

140-547	3P LTR WEAR-BAR BOOM 70P	(58" depth X 12" max. recom'd width)	70	\$2,568.77	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$3,207.15	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR (Continued)					
140-548	3P LTR WEAR-BAR BOOM 78P	(69" depth X 10" max. recom'd width)	78	\$2,909.72	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$3,548.10	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY	(48" depth X 12" max. recom'd width)	62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY	(58" depth X 12" max. recom'd width)	70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY	(69" depth X 10" max. recom'd width)	78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP					
Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P	(45" depth X 12" max. recom'd width)	62	\$1,784.73	C
143-207	BOOM PARTS ASS'Y 3P STS 78P	(65" depth X 10" max. recom'd width)	78	\$1,964.44	C

CHAIN ASSEMBLIES

Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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H952

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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H952

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H952 STANDARD #1		
	H952 Base	
	Includes: Basic Assembly, Decal Kit English, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Gearbox 11.66 (STD)	
		Total \$36,953.79 T
H952 BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	H952 Base	
	Includes: Basic Assembly, Decal Kit English, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly	
		\$31,516.19 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Front counterweighting required: backhoe, weighted reel carrier or front counterweight		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$194.78 T
	ISO Decal Kit	\$46.40 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX (Select one)		
	Gearbox 14.24 (LO)	\$5,437.60 T
	Gearbox 11.66 (STD)	\$5,437.60 T
	Gearbox 8.66 (HIGH)	\$5,437.60 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-311	R.H. QUARTER AUGER ASSEMBLY	\$241.24 C
145-110	LEFT AUGER	\$260.94 C
RESTRAINT BARS (Select one)		
140-1218	RESTRAINT BAR-62P COMBO	\$136.62 C
140-1219	RESTRAINT BAR-70P COMBO	\$136.62 C
140-1220	RESTRAINT BAR-78P COMBO	\$136.62 C
COMBO ACCESSORIES (Optional)		
191-489	CABLE GUIDE (H732, H752, H932, H952)	\$1,455.81 C



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H952

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,933.93	C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$3,207.15	C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$3,548.10	C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



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H952

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)	62	\$4,259.97		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)	70	\$4,593.52		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)	78	\$4,919.70		C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38		C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C

BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP

Chain Length in Pitches					
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)	62		\$1,784.73	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)	78		\$1,964.44	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price List****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

H1052

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

H1052

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H1052 STANDARD #1		
	H1052 Base	
	Includes: Basic Assembly, Production Decal Kit, Heavy Weights, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Gearbox-11.66 (STD)	
	Total	\$41,844.84 T
H1052 BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	H1052 Base	
	Includes: Basic Assembly, Production Decal Kit, Heavy Weights, Ship Kit, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly	
		\$36,407.24 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$48.10 T
	ISO Decal Kit	\$51.52 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX (Select one)		
	Gearbox-14.24 (LO)	\$5,437.60 T
	Gearbox-11.66 (STD)	\$5,437.60 T
	Gearbox-8.66 (HIGH)	\$5,437.60 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-311	R.H. QUARTER AUGER ASSEMBLY	\$241.24 C
145-110	LEFT AUGER	\$260.94 C
RESTRAINT BARS (Select one)		
140-1218	RESTRAINT BAR-62P COMBO	\$136.62 C
140-1219	RESTRAINT BAR-70P COMBO	\$136.62 C
140-1220	RESTRAINT BAR-78P COMBO	\$136.62 C
COMBO ACCESSORIES (Optional)		
191-489	CABLE GUIDE (H732, H752, H932, H952)	\$1,455.81 C



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H1052

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS			
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR			
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C
			Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62	\$535.42 C
	Does not require a top bar kit		
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70	\$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT		\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78	\$611.74 C
	Both with: 100-737 LONG TOP BAR KIT		\$254.47 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR			
Premium chain or weld-on alligator chain is required for warranty policy consideration			
			Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62	\$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,933.93	C
140-1128	BOOM TUBE (62P-51")		\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")		\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70	\$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$3,207.15	C
140-1129	BOOM TUBE (70P-63.3")		\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")		\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78	\$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$3,548.10	C
140-1130	BOOM TUBE (78P-75.5")		\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")		\$611.74 C



CONFIDENTIAL

H1052

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)		62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)		70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)		78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C

BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP

			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)		62	\$1,784.73	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)		78	\$1,964.44	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

PT120H

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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PT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PT120H STANDARD #1		
	PT120H Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Gearbox-11.66 (STD)	
		Total \$43,472.14 T
PT120H BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	PT120H Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly	
		\$36,442.39 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTES: Front and side counterweighting and 500 lbs of Urethane in all tires required: no front attachment		
500 lbs of Urethane in rear tires required: backhoe or reel carrier		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$29.71 T
	ISO Decal Kit	\$41.18 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox-14.24 (LO)	\$7,029.75 T
	Gearbox-11.66 (STD)	\$7,029.75 T
	Gearbox-8.66 (HIGH)	\$7,029.75 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-311	R.H. QUARTER AUGER ASSEMBLY	\$241.24 C
145-110	LEFT AUGER	\$260.94 C



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PT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
RESTRAINT BARS AND CLEANER BARS (Select one)			
140-0005	GG DANGER RESTRAINT BAR (62P)-PT	\$119.27	C
140-0006	GG DANGER RESTRAINT BAR (70P)-PT	\$123.47	C
140-0007	GG DANGER RESTRAINT BAR (78P)-PT	\$144.49	C
140-0014	CLEANER BAR 4'	\$583.19	C
	Shipped with: 140-0024 4' BOOM KIT	\$91.44	C
		\$674.63	C
140-0015	CLEANER BAR 5'	\$614.72	C
	Shipped with: 140-0025 5' BOOM KIT	\$94.69	C
		\$709.41	C
140-0016	CLEANER BAR 6'	\$646.25	C
	Shipped with: 140-0026 6' BOOM KIT	\$97.94	C
		\$744.19	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2421 PT120H/PT120Q TRENCH CLEANER KIT \$2,975.83 C

TRENCH CLEANER SHOES

141-675	6" SHOE	(For 6" chain width)		\$51.94	C
141-558	3" ADJUSTABLE SHOE	(For up to 10" chain width)	2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE	(For 12" to 14" chain width)	2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**COMBO ACCESSORIES (Optional)**

190-2641 CABLE GUIDE KIT \$1,460.86 C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 2 Gallons \$147.23 T

BOOMS**BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR**

140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38	C
		\$2,775.48	C

Chain Length in Pitches

140-1128	BOOM TUBE (62P-51")	(48" depth X 12" max. recom'd width)	62	\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")	(48" depth X 12" max. recom'd width)	62	\$535.42	C

Does not require a top bar kit

140-1129	BOOM TUBE (70P-63.3")	(58" depth X 12" max. recom'd width)	70	\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")	(58" depth X 12" max. recom'd width)	70	\$596.96	C
	Both with: 100-736 SHORT TOP BAR KIT			\$174.11	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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(PT120H - 267)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

PT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR (Continued)					
140-1130	BOOM TUBE (78P-75.5")	(69" depth X 10" max. recom'd width)	78	\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")	(69" depth X 10" max. recom'd width)	78	\$611.74	C
	Both with:	100-737 LONG TOP BAR KIT		\$254.47	C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
140-546	3P LTR WEAR-BAR BOOM 62P	(48" depth X 12" max. recom'd width)	62	\$2,295.55	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$2,933.93	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
140-547	3P LTR WEAR-BAR BOOM 70P	(58" depth X 12" max. recom'd width)	70	\$2,568.77	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$3,207.15	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
140-548	3P LTR WEAR-BAR BOOM 78P	(69" depth X 10" max. recom'd width)	78	\$2,909.72	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$3,548.10	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
Chain Length in Pitches					
141-659	62P HD WEAR BAR BOOM ASSY	(48" depth X 12" max. recom'd width)	62	\$4,259.97	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY	(58" depth X 12" max. recom'd width)	70	\$4,593.52	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY	(69" depth X 10" max. recom'd width)	78	\$4,919.70	C
	Shipped with:	150-749 GREASE CYLINDER ASS'Y (HD)		\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

269

(PT120H - 268)

Bid Term: 2/20/19 - 2/19/21



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PT120H

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)
BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP				
			Chain Length in Pitches	
143-205	BOOM PARTS ASS'Y 3P STS 62P	(45" depth X 12" max. recom'd width)	62	\$1,784.73 C
143-207	BOOM PARTS ASS'Y 3P STS 78P	(65" depth X 10" max. recom'd width)	78	\$1,964.44 C

CHAIN ASSEMBLIES

Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



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PT120Q

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

PT120Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PT120Q STANDARD #1		
	PT120Q Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly Gearbox-11.66 (STD)	
		Total \$46,249.01 T
PT120Q BASIC COMBO PLOW/TRENCHING ATTACHMENT		
	PT120Q Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Heavy Weights, Boom Fit-Up Kit, Auger Drive Sprocket Assembly, Left/Right Auger Bracket Assembly	
		\$39,219.26 T
70,000 lb components not covered by Product Support policy; when used on power units over 50 hp		
NOTE: Front counterweighting required: no front attachment		
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$29.71 T
	ISO Decal Kit	\$40.27 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
GEARBOX ASSEMBLY (Select one)		
	Gearbox-14.24 (LO)	\$7,029.75 T
	Gearbox-11.66 (STD)	\$7,029.75 T
	Gearbox-8.66 (HIGH)	\$7,029.75 T
HEXSHAFT FOR AUGERS (Select one)		
145-244	DOUBLE AUGER SHAFT	\$104.63 C
145-245	SINGLE AUGER SHAFT	\$101.42 C
AUGERS (Select one)		
145-311	R.H. QUARTER AUGER ASSEMBLY	\$241.24 C
145-110	LEFT AUGER	\$260.94 C



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PT120Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
RESTRAINT BARS AND CLEANER BARS (Select one)			
140-0005	GG DANGER RESTRAINT BAR (62P)-PT	\$119.27	C
140-0006	GG DANGER RESTRAINT BAR (70P)-PT	\$123.47	C
140-0007	GG DANGER RESTRAINT BAR (78P)-PT	\$144.49	C
140-0014	CLEANER BAR 4'	\$583.19	C
	Shipped with: 140-0024 4' BOOM KIT	\$91.44	C
		\$674.63	C
140-0015	CLEANER BAR 5'	\$614.72	C
	Shipped with: 140-0025 5' BOOM KIT	\$94.69	C
		\$709.41	C
140-0016	CLEANER BAR 6'	\$646.25	C
	Shipped with: 140-0026 6' BOOM KIT	\$97.94	C
		\$744.19	C

TRENCH CLEANERS**TRENCH CLEANER ASSEMBLY**

190-2421	PT120H/PT120Q TRENCH CLEANER KIT	\$2,975.83	C
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TRENCH CLEANER SHOES

141-675	6" SHOE	(For 6" chain width)		\$51.94	C
141-558	3" ADJUSTABLE SHOE	(For up to 10" chain width)	2 required	\$32.50	\$65.00 C
141-559	5" ADJUSTABLE SHOE	(For 12" to 14" chain width)	2 required	\$37.43	\$74.86 C

NOTE: Complete Trench Cleaner: Order Trench Cleaner, Cleaner Bar Kit, and Cleaner Shoe(s)**COMBO ACCESSORIES (Optional)**

190-2641	CABLE GUIDE KIT	\$1,460.86	C
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ENVIRONMENTAL HYDRAULIC OIL

	Environmental Oil	2 Gallons	\$147.23	T
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CONFIDENTIAL

PT120Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BOOMS		
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITHOUT WEAR BAR		
140-545	3P LTR NON-WEAR-BAR BOOM	\$2,137.10 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38 C
		\$2,775.48 C
		Chain Length in Pitches
140-1128	BOOM TUBE (62P-51") (48" depth X 12" max. recom'd width)	62 \$375.41 C
140-1176	HD BOOM TUBE (62P - 51") (48" depth X 12" max. recom'd width)	62 \$535.42 C
	Does not require a top bar kit	
140-1129	BOOM TUBE (70P-63.3") (58" depth X 12" max. recom'd width)	70 \$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3") (58" depth X 12" max. recom'd width)	70 \$596.96 C
	Both with: 100-736 SHORT TOP BAR KIT	\$174.11 C
140-1130	BOOM TUBE (78P-75.5") (69" depth X 10" max. recom'd width)	78 \$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5") (69" depth X 10" max. recom'd width)	78 \$611.74 C
	Both with: 100-737 LONG TOP BAR KIT	\$254.47 C
BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR		
Premium chain or weld-on alligator chain is required for warranty policy consideration		
		Chain Length in Pitches
140-546	3P LTR WEAR-BAR BOOM 62P (48" depth X 12" max. recom'd width)	62 \$2,295.55 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38 C
		\$2,933.93 C
140-1128	BOOM TUBE (62P-51")	\$375.41 C
140-1176	HD BOOM TUBE (62P - 51")	\$535.42 C
140-547	3P LTR WEAR-BAR BOOM 70P (58" depth X 12" max. recom'd width)	70 \$2,568.77 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38 C
		\$3,207.15 C
140-1129	BOOM TUBE (70P-63.3")	\$476.35 C
140-1177	HD BOOM TUBE (70P - 63.3")	\$596.96 C
140-548	3P LTR WEAR-BAR BOOM 78P (69" depth X 10" max. recom'd width)	78 \$2,909.72 C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)	\$638.38 C
		\$3,548.10 C
140-1130	BOOM TUBE (78P-75.5")	\$538.91 C
140-1178	HD BOOM TUBE (78P - 75.5")	\$611.74 C



CONFIDENTIAL

PT120Q

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		Chain Length in Pitches	MSRP (USD)	
HEAVY DUTY BOOM ASSEMBLY 70/110K LARGE TAIL ROLLER WITH WEAR BAR					
Premium chain or weld-on alligator chain is required for warranty policy consideration					
141-659	62P HD WEAR BAR BOOM ASSY (48" depth X 12" max. recom'd width)		62	\$4,259.97	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$4,898.35	C
140-1128	BOOM TUBE (62P-51")			\$375.41	C
140-1176	HD BOOM TUBE (62P - 51")			\$535.42	C
141-658	70P HD WEAR BAR BOOM ASSY (58" depth X 12" max. recom'd width)		70	\$4,593.52	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,231.90	C
140-1129	BOOM TUBE (70P-63.3")			\$476.35	C
140-1177	HD BOOM TUBE (70P - 63.3")			\$596.96	C
141-660	78P HD WEAR BAR BOOM ASSY (69" depth X 10" max. recom'd width)		78	\$4,919.70	C
	Shipped with: 150-749 GREASE CYLINDER ASS'Y (HD)			\$638.38	C
				\$5,558.08	C
140-1130	BOOM TUBE (78P-75.5")			\$538.91	C
140-1178	HD BOOM TUBE (78P - 75.5")			\$611.74	C

BOOM ASSEMBLY 70/110K SMALL TAIL SPROCKET WITH SLIDE AND STOP

			Chain Length in Pitches		
143-205	BOOM PARTS ASS'Y 3P STS 62P (45" depth X 12" max. recom'd width)		62	\$1,784.73	C
143-207	BOOM PARTS ASS'Y 3P STS 78P (65" depth X 10" max. recom'd width)		78	\$1,964.44	C

CHAIN ASSEMBLIES**Select Appropriate 70K or 110K Chain Assembly by Chain Length in Pitches and Cutter Width from Chain Assembly Price****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

SAW ATTACHMENT

- **MT12**
- **MT16**
- **H342**
- **H942**
- **H1140**
- **RS40**



CONFIDENTIAL

MT12

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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MT12

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
MT12 STANDARD #1		
	MT12 Base No Adj. Includes: Basic Assembly, Production Decal Kit, Ship Kit Std. Speed Motor	
		Total \$19,751.55 R
MT12 STANDARD #2		
	MT12 Base Adj. Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust, Ship Kit Std. Speed Motor	
		Total \$20,814.45 R
BASIC POWER UNIT		
	MT12 Base No Adj. Includes: Basic Assembly, Production Decal Kit	
		\$12,890.73 R
	OR	
	MT12 Base Adj. Includes: Basic Assembly, Production Decal Kit, Hyd Blade Adjust	
		\$13,953.63 R
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$56.34 R
	ISO Decal Kit	\$104.28 R
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
MT12 HYDRAULIC DRIVE MOTOR (Select one)		
	Std. Speed Motor	\$6,860.82 R
	Shipped with: MT12 Ship Kit	
	Standard Flushing KT (RT80T4 ONLY)	\$294.24 R
	High Speed Motor	\$10,068.03 R
	Shipped with: MT12 Ship Kit	
	High Speed Flush KT (RT80T4 ONLY)	\$294.24 R
MOUNT KIT (Select one)		
	RT45 Mount KT	\$989.70 R
	RT55/80 Mount KT	\$1,915.99 R



CONFIDENTIAL

MT12

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
STANDARD SAW BLADES (Select one) For use with standard saw motor only			
301-1096	SAW BLADE (.75", SHARK, 24T)		\$610.46 B
301-1590	SAW BLADE (.75", COMBO, 24T/8T)	\$669.08	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	24 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	24 required \$0.14	C
			\$893.96
301-0580	SAW BLADE (.95", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
			\$1,086.12
301-0686	SAW BLADE (1.25", CONICAL, 32T)	\$786.28	B
	Shipped with: 135-1211 M10 CARBIDE FULL CAP BIT	32 required \$9.23	D
	105-1541 ROLL PIN (5MM X 16MM)	32 required \$0.14	C
			\$1,086.12
302-2276	SAW BLADE (1.50", CONICAL, 32T)		\$805.23 B
135-5000	SAW BLADE (.50", PDC SHARK, 34")		\$3,308.29 C
135-5001	SAW BLADE (.75", PDC SHARK, 34")		\$4,411.42 C
135-5005	SAW BLADE (1.0", PDC SHARK, 34")		\$6,066.11 C
135-5006	SAW BLADE (1.5", PDC SHARK, 34")		\$7,941.43 C
135-5018	SAW BLADE (2.0", PDC SHARK, 34")		\$8,387.66 C
HIGH SPEED SAW BLADES (Select one) For use with high speed saw motor only			
135-1610	CONCRETE BLADE (32" X .375")	\$4,011.02	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
			\$4,304.26
135-1611	CONCRETE BLADE (32" X .500")	\$4,451.86	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
			\$4,745.10
135-1485	CONCRETE BLADE (32" X .750")	\$5,429.60	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
			\$5,722.84
135-1516	CONCRETE BLADE (32" X 1.024")	\$6,976.19	F
	Shipped with: 190-2330 MT12 WATER KIT	\$293.24	C
			\$7,269.43
TRENCH CLEANERS (Select one)			
301-1057	MT TRENCH CLEANER	(For .75" and .95" blades)	\$277.07 C
301-0548	MT TRENCH CLEANER (WIDE)	(For 1.25" blade)	\$285.04 C



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MT12

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
190-1647	REAR WEIGHT RACK (Required when using reel carrier with RT55/MT12)	\$1,093.32 C
350-2469	HOSE MOUNT SUB (For routing vacuum hose from attachment to front of tractor with RT55)	\$616.48 C
190-2663	HOSE MOUNT KIT (RT80 MT) (For routing vacuum hose from attachment to front of tractor with RT80T4)	\$611.40 C
350-2517	HOSE CART	\$223.14 C
190-1643	SMV WARNING LIGHT KIT	\$882.13 C
190-2330	MT12 WATER KIT	\$293.24 C
350-4840	REAR AXLE STEERING STOPS (Required when mounting on RT80T4)	\$82.75 C
135-1443	CARBIDE WEAR BAR	\$6.84 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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MT16

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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MT16

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
MT16 STANDARD #1		
	MT16 Base Includes: Basic Assembly, Production Decal Kit, Ship Kit	Total \$34,592.25 T
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$87.24 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
MT16 HYDRAULIC DRIVE MOTOR (Select one)		
350-5360	MOTOR ASSEMBLY	\$9,976.46 C
MT16 mounted on an RT80T4 requires the following:		
190-2663	HOSE MOUNT KIT (RT80 MT)	\$611.40 C
STANDARD SAW BLADES (Select one) For use with standard saw motor only		
135-5011	SAW BLADE (.50", PDC SHARK, 43")	\$4,138.31 C
135-5012	SAW BLADE (.75", PDC SHARK, 43")	\$5,514.60 C
135-5013	SAW BLADE (1.0", PDC SHARK, 43")	\$7,584.28 C
135-5014	SAW BLADE (1.5", PDC SHARK, 43")	\$9,928.17 C
135-5021	SAW BLADE (2.0", PDC SHARK, 43")	\$10,780.17 C
ACCESSORIES		
190-2663	HOSE MOUNT KIT (RT80 MT) (For routing vacuum hose from attachment to front of tractor with RT80T4)	\$611.40 C
350-2517	HOSE CART	\$223.14 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

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Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

H342

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

H342

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H342 STANDARD #1		
	H342 Base	
	Includes: Basic Assembly, Decal Kit English, H342/RT45 Plumbing, Ship Kit	
		Total \$17,466.48 R

NOTE: Front counterweight kit with 800 lbs. of weights OR backhoe and rear wheel weights are required

TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$98.04 R
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

MOUNT KIT (Select one)		
	HD Mount Kit	\$354.03 R
	Solid Mount Kit	\$181.55 R

SHIP KIT (Optional) (RT55 ONLY)RT55/H342 Ship Kit \$7,443.28 R**SAW ACCESSORIES**

190-1310	2.5" SAW SEGMENT	\$2,917.54 C
190-1311	3.5" SEGMENT KIT	\$3,012.44 C
190-1312	5" SEGMENT KIT	\$3,511.90 C
136-101	INSERT BIT	\$7.01 D
136-100	CAP BIT	\$10.46 D
136-102	INSERT BIT	\$8.53 D

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

H942

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

H942

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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H942 STANDARD #1

H942 Base

Includes: Basic Assembly, English Decal Kit, Wear Bar Kit, Rear Engine Support Kit

Total \$31,404.73 T

NOTES: H942 is for the RT95H, RT115, HT115, and RT120**Front counterweighting required: backhoe, loaded reel carrier, additional front counterweight kit or TBS****SHIP KIT (Select one)**

RT Ship Kit

\$534.17 T

HT Ship Kit

\$544.58 T

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$48.10 T

ISO Decal Kit

\$96.86 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**BACKUP ALARM (Select one)**

191-265 "NS" BACKUP ALARM KIT

(For use on RT125)

\$117.86 C

191-430 BACKUP ALARM KIT

(For use on RT125Q)

\$147.33 C

SEGMENT KITS (Select one)**DIAMOND PATTERN**

100-087 4.5" SAW SEGMENT KIT

\$5,788.66 C

100-086 6" SAW SEGMENT KIT

\$6,716.62 C

100-861 8" SAW SEGMENT KIT

\$8,124.53 C

V PATTERN

104-188 SEGMENT KIT 4.5 (V PATTERN)

\$6,020.21 C

104-189 SEGMENT KIT 6.0 (V PATTERN)

\$6,985.29 C

104-190 SEGMENT KIT 8.0 (V PATTERN)

\$7,943.79 C

SPOIL GUARD KIT (Select one)

100-585 STREET SAW SPOILS GUARD KIT

\$1,496.86 C

100-599 FRT SPOILS DIVERT & GUARD KIT

\$919.12 C

SAW ACCESSORIES

136-222 INSERT BIT

\$9.73 D



CONFIDENTIAL

H942

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

H1140

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

H1140

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
H1140 STANDARD #1		
	H1140 Base	
	Includes: Basic Assembly, English Decal Kit, Ship Kit, Wear Bar Kit, Rear Engine Support Kit	
	Total	\$35,261.46 T

NOTES: H1140 is for the RT95H, RT115, RT115Q, HT115, RT120, and RT120Q**Front counterweighting required: backhoe, loaded reel carrier, additional front counterweight kit or TBS**

SHIP KIT (Select one)		
	RT Ship Kit	\$802.15 T
	HT Ship Kit	\$544.58 T

TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$96.20 T
	ISO Decal Kit	\$96.86 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		

BACKUP ALARM (Select one)		
350-1452	ASSY, BACKUP ALARM KIT	\$110.01 T

SEGMENT KITS (Select one)		
DIAMOND PATTERN		
100-054	4.5" SAW SEGMENT KIT	\$5,921.24 C
100-866	6" SAW SEGMENT KIT	\$7,595.83 C
100-862	8" SAW SEGMENT KIT	\$8,626.56 C
V PATTERN		
100-094	SAW SEGMENT KIT 4.5 (V PATTERN)	\$5,921.24 C
100-095	SAW SEGMENT KIT 6.0 (V PATTERN)	\$7,595.83 C
100-097	SAW SEGMENT KIT 8.0 (V PATTERN)	\$8,626.56 C

SPOIL GUARD KIT (Select one)		
100-586	STREET SAW SPOILS GUARD KIT	\$1,542.81 C
100-598	FRT SPOILS DIVERT & GUARD KIT	\$1,066.18 C

SAW ACCESSORIES		
136-222	INSERT BIT	\$9.73 D
131-290	FLARED CAP BIT	\$10.69 C

NOTE: HYDRA-WHEEL SAW ATTACHMENT – For pricing and availability contact the Trencher Product Manager at DW Factory**Warranty is covered by "River City Manufacturing" - Warranty is for one year or 1000 hours, parts only, FOB Austin, warranty is to be filed with River City Manufacturing**



H1140

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**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

RS40

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

RS40

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
RS40 STANDARD #1		
	RS40 Base	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit and Wear Bar Kit	
		Total \$40,375.65 T
NOTES: RS40 is for the RT125, RT125Q		
Front counterweighting required: backhoe, loaded reel carrier, additional front counterweight kit or TBS		
SHIP KIT (Select for RT125Q)		
	Quad Ship Kit	\$325.96 T
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$138.24 T
	ISO Decal Kit	\$96.83 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
BACKUP ALARM (Select one)		
191-265	"NS" BACKUP ALARM KIT (For use on RT125)	\$117.86 C
191-430	BACKUP ALARM KIT (For use on RT125Q)	\$147.33 C
SEGMENT KITS (Select one)		
DIAMOND PATTERN		
100-054	4.5" SAW SEGMENT KIT	\$5,921.24 C
100-866	6" SAW SEGMENT KIT	\$7,595.83 C
100-862	8" SAW SEGMENT KIT	\$8,626.56 C
V PATTERN		
100-094	SAW SEGMENT KIT 4.5 (V PATTERN)	\$5,921.24 C
100-095	SAW SEGMENT KIT 6.0 (V PATTERN)	\$7,595.83 C
100-097	SAW SEGMENT KIT 8.0 (V PATTERN)	\$8,626.56 C
100-085	WEAR BAR KIT	\$1,096.37 C
100-085 ships with all segment kits		
SPOIL GUARD KIT (Select one)		
100-586	STREET SAW SPOILS GUARD KIT	\$1,542.81 C
100-598	FRT SPOILS DIVERT & GUARD KIT	\$1,066.18 C
SAW ACCESSORIES		
136-222	INSERT BIT	\$9.73 D
131-290	FLARED CAP BIT	\$10.69 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	2 Gallons \$147.23 T



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RS40

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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NOTE: HYDRA-WHEEL SAW ATTACHMENT – For pricing and availability contact the Trencher Product Manager at DW Factory**Warranty is covered by “River City Manufacturing” - Warranty is for one year or 1000 hours, parts only, FOB Austin, warranty is to be filed with River City Manufacturing****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

HYDRAWHEELS

- **HD630**
- **HD930**
- **HD940**
- **HD942**
- **HD946**



CONFIDENTIAL

HD630

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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HD630

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HD630 BASIC SAW ATTACHMENT		
	HD630 Base	
	Includes: HD630 Saw Attachment, HD930 Decal Kit, Trencher Center Mount Kit Segment Band	
		Total \$34,085.13 D

NOTE: The HD630 Saw Attachment is rated for the RT80T4 and RT80Q only

CUTTING WIDTH (Select one)		
	4" Width cut	\$683.32 D
	5" Width cut	\$831.48 D
	6" Width cut	\$968.59 D
	7" Width cut	\$1,105.69 D
	8" Width cut	\$1,248.33 D
	9" Width cut	\$1,372.16 D
	10" Width cut	\$1,521.43 D

SAW STYLE (Optional)		
	RT80 Traverse	\$3,715.12 D

TRENCH CLEANER (Optional)		
	Trench Cleaner	\$4,946.86 D
NOTE: Shipped with cleaner shoe that corresponds with cutting width		
	4 Inch Cleaner Shoe	\$201.24 D
	5 Inch Cleaner Shoe	\$213.40 D
	6 Inch Cleaner Shoe	\$225.56 D
	7 Inch Cleaner Shoe	\$237.72 D
	8 Inch Cleaner Shoe	\$248.78 D
	9 Inch Cleaner Shoe	\$266.47 D
	10 Inch Cleaner Shoe	\$361.56 D

STABILIZERS (Optional)		
	Manual	\$1,021.66 D
	Hydraulic Stabilizers	\$1,526.96 D

SPOOL VALVE (Optional based on selections)		
	3 Spool Valve	\$791.17 D
	4 Spool Valve	\$885.66 D



CONFIDENTIAL

HD630

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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Hydrawheel orders are non-cancellable and non-returnable. Lead times are typically longer than those of associated wholegoods. Pricing, specifications, and availability are subject to change at any time.



CONFIDENTIAL

HD930

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HD930

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HD930 STANDARD #1 (RT125 ONLY)		
	HD930 Base	
	Includes: HD930 Saw Attachment, HD930 Decal Kit, Trencher Center Mount Kit Value Manifold Kit Segment Band	
		Total \$41,208.91 D
HD930 BASIC SAW ATTACHMENT		
	HD930 Base	
	Includes: HD930 Saw Attachment, HD930 Decal Kit, Trencher Center Mount Kit Segment Band	
		\$39,623.54 D
NOTE: The HD930 Saw Attachment is rated for the RT120 and RT125 only		
CUTTING WIDTH (Select one)		
	4 Inch Segments	\$683.32 D
	5 Inch Segments	\$831.48 D
	6 Inch Segments	\$968.59 D
	7 Inch Segments	\$1,105.69 D
	8 Inch Segments	\$1,248.33 D
	9 Inch Segments	\$1,372.16 D
	10 Inch Segments	\$1,521.43 D
	12 Inch Segments	\$2,487.80 D
SAW STYLE (Optional)		
	RT Traverse	\$5,801.56 D
	Quad Traverse	\$5,951.22 D
TRENCH CLEANER (Optional)		
	Trench Cleaner	\$4,946.86 D
	NOTE: Shipped with cleaner shoe that corresponds with cutting width	
	4 Inch Cleaner Shoe	\$201.24 D
	5 Inch Cleaner Shoe	\$213.40 D
	6 Inch Cleaner Shoe	\$225.56 D
	7 Inch Cleaner Shoe	\$237.72 D
	8 Inch Cleaner Shoe	\$248.78 D
	9 Inch Cleaner Shoe	\$266.47 D
	10 Inch Cleaner Shoe	\$361.56 D
	12 Inch Cleaner Shoe	\$503.09 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HD930 - 298)



CONFIDENTIAL

HD930

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STABILIZERS (Optional)

Hyd. Stabilizer		\$1,526.96 D
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SPOOL VALVE (Optional based on selections)

3 Spool Valve		791.17 D
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4 Spool Valve		885.66 D
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Hydrawheel orders are non-cancellable and non-returnable. Lead times are typically longer than those of associated wholegoods. Pricing, specifications, and availability are subject to change at any time.



CONFIDENTIAL

HD940

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HD940

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HD940 STANDARD #1 (RT125 and RT125Q ONLY)		
	HD940 Base	
	Includes: HD940 Saw Attachment, HD940 Decal Kit, Trencher Center Mount Kit Value Manifold Kit Segment Band	
		Total \$46,369.17 D
HD940 BASIC SAW ATTACHMENT		
	HD940 Base	
	Includes: HD940 Saw Attachment, HD940 Decal Kit, Trencher Center Mount Kit Segment Band	
		\$44,783.80 D
NOTE: The HD940 Saw Attachment is rated for the RT120, RT120Q, RT125 and RT125Q only		
CUTTING WIDTH (Select one)		
	4 Inch Segments	\$891.19 D
	5 Inch Segments	\$1,031.61 D
	6 Inch Segments	\$1,175.35 D
	7 Inch Segments	\$1,375.48 D
	8 Inch Segments	\$1,545.76 D
	9 Inch Segments	\$1,723.77 D
	10 Inch Segments	\$1,891.84 D
SAW STYLE (Optional)		
	RT Traverse	\$5,801.56 D
	Quad Traverse	\$5,951.22 D
TRENCH CLEANER (Optional)		
	Trench Cleaner	\$5,106.08 D
	NOTE: Shipped with cleaner shoe that corresponds with cutting width	
	4 Inch Cleaner Shoe	\$302.96 D
	5 Inch Cleaner Shoe	\$320.65 D
	6 Inch Cleaner Shoe	\$338.34 D
	7 Inch Cleaner Shoe	\$356.03 D
	8 Inch Cleaner Shoe	\$373.72 D
	9 Inch Cleaner Shoe	\$391.41 D
	10 Inch Cleaner Shoe	\$451.12 D
STABILIZERS (Optional)		
	Hyd. Stabilizer	\$1,526.96 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HD940 - 301)



CONFIDENTIAL

HD940

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SPOOL VALVE (Optional based on selections)		
	3 Spool Valve	791.17 D
	4 Spool Valve	885.66 D

Hydrawheel orders are non-cancellable and non-returnable. Lead times are typically longer than those of associated wholegoods. Pricing, specifications, and availability are subject to change at any time.



CONFIDENTIAL

HD942

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HD942

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HD942 STANDARD #1 (RT125 and RT125Q ONLY)		
	HD942 Base	
	Includes: HD942 Saw Attachment, HD942 Decal Kit, Trencher Center Mount Kit Value Manifold Kit Segment Band	
		Total \$48,766.31 D
HD942 BASIC SAW ATTACHMENT		
	HD942 Base	
	Includes: HD942 Saw Attachment, HD942 Decal Kit, Trencher Center Mount Kit Segment Band	
		\$47,180.94 D
NOTE: The HD942 Saw Attachment is rated for the RT120, RT120Q, RT125 and RT125Q only		
CUTTING WIDTH (Select one)		
	4 Inch Segments	\$926.57 D
	5 Inch Segments	\$1,069.20 D
	6 Inch Segments	\$1,248.33 D
	7 Inch Segments	\$1,372.16 D
	8 Inch Segments	\$1,509.27 D
	9 Inch Segments	\$1,664.07 D
	10 Inch Segments	\$1,829.92 D
SAW STYLE (Optional)		
	RT Traverse	\$5,801.56 D
	Quad Traverse	\$5,951.22 D
TRENCH CLEANER (Optional)		
	Trench Cleaner	\$6,129.95 D
NOTE: Shipped with cleaner shoe that corresponds with cutting width		
	4 Inch Cleaner Shoe	\$302.96 D
	5 Inch Cleaner Shoe	\$320.65 D
	6 Inch Cleaner Shoe	\$338.34 D
	7 Inch Cleaner Shoe	\$356.03 D
	8 Inch Cleaner Shoe	\$374.83 D
	9 Inch Cleaner Shoe	\$391.41 D
	10 Inch Cleaner Shoe	\$451.12 D
STABILIZERS (Optional)		
	Hyd. Stabilizer	\$1,526.96 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HD942 - 304)



CONFIDENTIAL

HD942

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SPOOL VALVE (Optional based on selections)		
	3 Spool Valve	791.17 D
	4 Spool Valve	885.66 D

Hydrawheel orders are non-cancellable and non-returnable. Lead times are typically longer than those of associated wholegoods. Pricing, specifications, and availability are subject to change at any time.



CONFIDENTIAL

HD946

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HD946

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HD946 STANDARD #1 (RT125 and RT125Q ONLY)		
	HD946 Base	
	Includes: HD946 Saw Attachment, HD946 Decal Kit, Trencher Center Mount Kit Value Manifold Kit Segment Band	
		Total \$54,701.67 D
HD946 BASIC SAW ATTACHMENT		
	HD946 Base	
	Includes: HD946 Saw Attachment, HD946 Decal Kit, Trencher Center Mount Kit Segment Band	
		\$53,116.30 D
NOTE: The HD946 Saw Attachment is rated for the RT120, RT120Q, RT125 and RT125Q only		
CUTTING WIDTH (Select one)		
	4 Inch Segments	\$1,009.50 D
	5 Inch Segments	\$1,128.91 D
	6 Inch Segments	\$1,306.93 D
	7 Inch Segments	\$1,486.05 D
	8 Inch Segments	\$1,687.28 D
	9 Inch Segments	\$1,871.93 D
	10 Inch Segments	\$2,100.81 D
SAW STYLE (Optional)		
	RT Traverse	\$5,801.56 D
	Quad Traverse	\$5,951.22 D
TRENCH CLEANER (Optional)		
	Trench Cleaner	\$6,616.46 D
	NOTE: Shipped with cleaner shoe that corresponds with cutting width	
	4 Inch Cleaner Shoe	\$504.20 D
	5 Inch Cleaner Shoe	\$534.05 D
	6 Inch Cleaner Shoe	\$563.90 D
	7 Inch Cleaner Shoe	\$593.76 D
	8 Inch Cleaner Shoe	\$623.61 D
	9 Inch Cleaner Shoe	\$653.46 D
	10 Inch Cleaner Shoe	\$771.77 D
STABILIZERS (Optional)		
	Hyd. Stabilizer	\$1,526.96 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HD946 - 307)



CONFIDENTIAL

HD946

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SPOOL VALVE (Optional based on selections)		
	3 Spool Valve	791.17 D
	4 Spool Valve	885.66 D

Hydrawheel orders are non-cancellable and non-returnable. Lead times are typically longer than those of associated wholegoods. Pricing, specifications, and availability are subject to change at any time.



CONFIDENTIAL

TRENCHLESS

- JT5
- JT10 (less regulated)
- JT10 (highly regulated)
- JT20
- JT20XP
- JT25 (less regulated)
- JT25 (highly regulated)
- JT30 (less regulated)
- JT30 (highly regulated)
- AT30 (less regulated)
- AT30 (highly regulated)
- JT40 (less regulated)
- JT40 (highly regulated)
- AT40 (less regulated)
- AT40 (highly regulated)
- JT60 (less regulated)
- JT60 (highly regulated)
- AT60 (less regulated)
- AT60 (highly regulated)
- JT100 (less regulated)
- JT100 (highly regulated)
- AT100 (less regulated)
- AT100 (highly regulated)
- P80 and PP25
- ROTO WITCH



CONFIDENTIAL

JT5

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

JT5

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT5 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT5 Jet Trac®** basic unit includes the following:

- Kubota D1105-E liquid-cooled diesel engine (24.8 hp gross, 23.8 hp estimated net @ 3,000 rpm)
EPA Tier 4 compliant
- Electrical Strike System (module and barriers)
- Rack and pinion thrust drive
- Dual anchor system
- 150' capacity pipe box (less pipe)
- Rubber tracks
- Drilling fluid swivel
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set

JT5 STANDARD #1

JT5 Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit
Pipe Accessories Includes Saver Sub

Total \$59,297.41 T

JT5 BASIC UNIT

JT5 Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit

\$59,050.36 T

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$34.75 T

ISO Decal Kit

\$74.33 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

ANCHOR SYSTEM ACCESSORIES (Select one)

4" Auger

\$307.71 T

Rock Anchor/Replaceable Bits

\$699.55 T



CONFIDENTIAL

JT5

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ACCESSORIES		
190-1731	ADJUSTABLE UMBRELLA KIT	\$377.50 C
190-1670	WASH WAND KIT	\$400.48 C
190-1662	ANTIFREEZE KIT (Dealer installed only)	\$358.46 C
190-1669	THREAD LUBRICATOR KIT	\$844.63 C
190-1726	LUBRICATOR ASSEMBLY (2 GAL)	\$2,094.53 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
300-9444	STABILIZER PAD 2 required	\$225.75 \$451.50 C
190-2131	JT5 T4F UPTIME KIT	\$610.86 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 12 Gallons	\$944.87 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		

DOWNHOLE TOOLS

For nozzle placement, size and angle, reference the Downhole Tools Parts Book

DRILL PIPE

355-1038	JT5 POWER PIPE 1.13 X 1.88 1.10-5 1.5M	each	\$233.58	D
355-1119	HIWS1 PIPE 1.32 X 1.88 #200 5'	each	\$235.00	D
All shipped with:				
	Pipe Accessories - Includes:		\$247.05	T
	SAVER SUB (Select Unlined Pipe)			
	SAVER SUB (#200) (Select SPF Pipe 200)			



CONFIDENTIAL

JT5

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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QUICK CONNECT SYSTEMS

EZ CONNECT

400-1261	EZ CONNECT 2 (1.10-5M X 1.31-6M EZ2)	\$412.73 C
400-2296	EZ-CONNECT 2 (200 M X 1.31-6M EZ2)	\$421.75 C

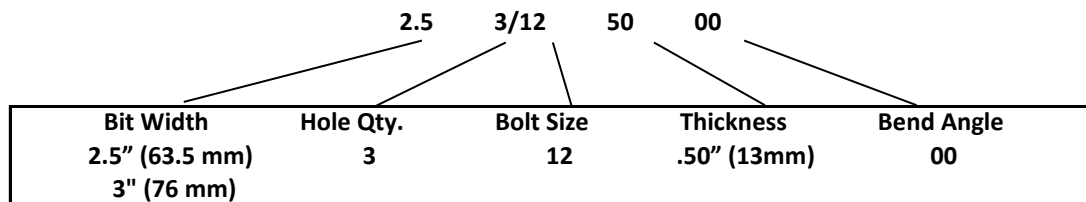
TRANSITION SUB

400-1260	TRANSITION SUB (1.10-5 M/M)	\$376.95 C
400-2293	TRANSITION SUB (200M / 1.10-5M)	\$364.35 C
400-2294	TRANSITION SUB (200M/M)	\$364.35 C

BEACON HOUSING

908-0680	2.0" PWRHOUSE HD/3H-12MM/DW/1.10	\$830.96 C
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DRILL BITS



3 HOLE BITS

Barracuda Bit

369-171	2.5-3/12-50-00 BARRACUDA BIT	\$108.15 C
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Durabit

369-169	2.5-3/12-50-00 DURABIT	\$195.70 C
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Omni Bit

400-2749	3-3/12-50-10 OMNI BIT	\$300.00 C
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Sand Bit

369-167	2.5-3 / 12-50-00 SAND BIT	\$82.40 C
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Steep Taper Bit

369-315	2.5-3/12-50-00 STEEP TAPER BIT	\$82.40 C
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Tuff Bit

369-727	3-3/12-50-00 TUFF BIT	\$171.02 C
400-2963	3-3/12-50-10 TUFF BIT	\$175.56 C

DRILLING BITS

400-163	3-3-12MM RHINO ROCK BIT ASSY	\$2,768.35 C
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BACKREAMERS

Select Backreamers from Backreamers Price List

BACKREAMER SWIVELS and TABS

Select Swivels and Tabs from Swivels and Tabs Price List



CONFIDENTIAL

JT5

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BACKREAMER NOZZLES		
159-294	SET SCREW (7/16-NF X 1/2", SS)	\$8.23 C
Angled Jet		
159-295	NOZZLE ANG. ORF .074", 7/16-20	\$9.56 C
159-291	NOZZLE ANG. ORF .104", 7/16-20	\$9.56 C
159-422	NOZZLE ANG. ORF .156", 7/16-20	\$9.68 C
Dual Jet		
159-296	NOZZLE D.J. ORF .074", 7/16-20	\$12.59 C
159-292	NOZZLE D.J. ORF .104", 7/16-20	\$9.56 C
Straight Jet		
159-297	NOZZLE STR. ORF .074", 7/16-20	\$9.56 C
159-293	NOZZLE STR. ORF .104", 7/16-20	\$9.56 C
159-423	NOZZLE STR. ORF.188", 7/16-20	\$9.24 C
CONNECTORS		
400-1432	CONNECTOR (1.10-5 F / 5K TAB)	\$187.69 C
400-1431	CONNECTOR (1.31-6 F E22 / 1.10-5 M)	\$111.26 C
369-309	CONNECTOR (1.31-6F E22 X 5K TAB)	\$180.34 C
PULLING ACCESSORIES		
369-709	CLEVIS ASSEMBLY	\$53.88 C
110-289	CLEVIS (5/16)	\$7.13 C
110-509	ANCHOR SHACKLE (1/2")	\$15.20 C
110-969	5/8" ANCHOR SHACKLE (3/4" PIN)	\$22.42 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
Pulling Grip With Swivel		
185-901	PULLING GRIP (1/4" TO 1/2") W / SWVL	\$61.80 C
185-902	PULLING GRIP (1/2" TO 3/4") W / SWVL	\$64.89 C
185-903	PULLING GRIP (3/4" TO 1-1/4") W / SWVL	\$67.98 C
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$2,500.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

315

(JT5 - 314)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT10 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

JT10 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT10 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT10 Jet Trac®** basic unit includes the following:

- Deutz D2011L4i integrated oil cooled diesel engine (48.8 net hp) EPA Tier 4i, EU Stage IIIA compliant
- Electrical Strike System
- Integral pipe rack which holds 54 or 58 drill pipe
- Rack and Pinion drill frame and carriage
- 2 post cylinder assist stake system (anchors included)
- Rubber tracks
- 13 gpm 4 cylinder fluid pump with 40 gal. tank
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set

JT10 STANDARD #1

JT10 Base Unit

Includes: Basic Assembly, Ship Kit
Less Regulated Engine
13 GPM Mud Pump
Pipe Accessories Includes Saver Sub

Total \$87,446.74 T**JT10 LRC BASIC UNIT**

JT10 Base Unit

Includes: Basic Assembly, Ship Kit
Less Regulated Engine
13 GPM Mud Pump Engine

\$87,166.87 T**TRANSLATION DECALS (Select if translation is needed)**

ISO Decal Kit

\$97.70 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ANCHOR SYSTEM ACCESSORIES (Select one)**

4" Auger

\$300.30 T

Rock Anchor/Replaceable Bits

\$682.71 T



CONFIDENTIAL

JT10 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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ORANGE INTEL™ OPTIONS (Select one)

350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
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NOTE: Equipment Registration Activates GPS and Telematics Boxes**ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)**

240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
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NOTE: Sold in One Year Increments**ACCESSORIES**

190-1731	ADJUSTABLE UMBRELLA KIT	\$377.50 C
149-578	SPLIT ROD WIPER 1.25" ID	\$83.73 C
350-1861	WASH WAND ACCESSORY KIT	\$326.99 C
100-794	GROUNDING KIT	\$989.72 C
	(Required if not using anchor system)	
300-3986	STABILIZER PAD	2 required \$143.41 \$286.82 C
190-2174	JT9/JT10 T4i UPTIME KIT	\$1,453.50 B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	23 Gallons	\$1,754.63 T
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TRACKING ELECTRONICS / DrillLok™[See Subsite® Electronics Price List](#)**DOWNHOLE TOOLS****For nozzle placement, size and angle, reference the Downhole Tools Parts Book****DRILL PIPE**

355-1150	POWER PIPE HD FM 1.58 X 2.00 1.30-5 6'	each	\$257.25 D
355-1301	DW FORGED HD 1.63 X 2.00 1.30-5 6'	each	\$235.00 D
355-1149	POWER PIPE HD UL 1.58 X 2.00 1.30-5 6'	each	\$235.87 D
355-1121	HIWS1 PIPE 1.66 X 1.88 #200 6'	each	\$235.00 D

All shipped with:

Pipe Accessories - Includes:		\$279.87 T
SAVER SUB (1.30-4, HI-FLOW)	(Select Lined, DW Forged, Unlined Pipe)	
SAVER SUB (#200, HI-FLOW)	(Select SPF Pipe 200)	



CONFIDENTIAL

JT10 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-1384	EZ-CONNECT 2 (1.30-5 M / 1.63-6 M EZ2)	\$441.87	C
	Shipped with:		
	368-692 1.63" QUICK WRENCH JAW	\$113.03	C
		\$554.90	C
400-2288	EZ-CONNECT ASS'Y (200M / 1.63-6M EZ2)	\$470.20	C
HAWKEYE™			
918-0736	STRTR ROD ASSM, HAWK275(B) x 1.30-5(P)	\$288.50	C
918-0756	STRTR RD, HKEYE 275 (B) X #200 (P)	\$511.14	C
918-0760	STRTR ROD ASSY, LG HAWK 275(B) X 1.30(P)	\$537.28	C
	All shipped with:		
	918-0715 Collar Hawkeye 275	\$75.13	C
TRANSITION SUB			
400-2216	TRANSITION SUB 1.30-5 M / 2.0 M API-IF	\$345.45	C
400-2284	TRANSITION SUB (200M X 2.0M API-IF)	\$352.50	C
BEACON HOUSINGS			
908-0880	2.5" PWRHOUSE HD/5H-12MM/DW/2.0" I.F.	\$951.60	C
906-0854	HOUSING ASSY, 2.75 TRIHAWK	\$2,034.91	C

DRILL BITS

	3	5/12	63	10
Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
3" (76 mm)	5	12	.50" (13mm)	00
3.5" (89 mm)			.63" (16mm)	10
4" (102 mm)			.75" (19mm)	
5" (127 mm)				

5 HOLE BITS

Durabit

368-898	3-5-50-00 DURABIT	\$233.90	C
368-899	3-5-63-00 DURABIT	\$233.90	C
368-900	3-5/12-50-10 DURABIT	\$233.90	C
368-901	3-5-63-10 DURABIT	\$233.90	C
368-902	4-5-50-10 DURABIT	\$244.94	C
368-903	4-5-63-10 DURABIT	\$244.94	C
368-904	4-5-75-10 DURABIT	\$250.45	C
369-082	5-5/12-63-10 DURABIT	\$313.35	C



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JT10 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
5 HOLE BITS (Continued)		
Hard Surface Bit		
369-068	3-5-63-10 HARD SURFACED BIT	\$71.44 C
369-069	4-5-63-10 HARD SURFACED BIT	\$95.71 C
369-070	5-5/12-63-10 HARD SURFACED BIT	\$102.62 C
Omni Bit		
400-2751	3.5-5/12-75-10 OMNI BIT	\$325.00 C
400-2753	4-5/12-75-10 OMNI BIT	\$375.00 C
400-2755	4.5-5/12-75-10 OMNI BIT	\$385.00 C
Sand Bit		
368-896	3-5-50-00 SAND BIT	\$76.22 C
368-897	3-5-50-10 SAND BIT	\$104.01 C
369-076	4-5-63-00 SAND BIT	\$103.00 C
369-078	4-5/12-63-10 SAND BIT	\$102.00 C
369-080	5-5/12-63-10 SAND BIT	\$113.30 C
Steep Taper Bit		
369-072	3-5/12-63-10 STEEP TAPER BIT	\$121.54 C
368-895	4-5/12-63-10 STEEP TAPER BIT	\$148.92 C
369-074	5-5/12-63-10 STEEP TAPER BIT	\$142.14 C
Tornado Bit		
400-1929	3-5/12-63-10 TORNADO	\$219.30 C
400-1925	3.5-5/12-63-10 TORNADO	\$213.18 C
400-1927	4-5/12-63-10 TORNADO	\$237.17 C
400-1931	4-5/12-75-10 TORNADO	\$232.56 C
400-1585	5-5/12-75-10 TORNADO BIT	\$258.06 C
Tuff Bit		
369-729	3-5/12-63-10 TUFF BIT	\$199.71 C
401-334	3.5-5/12-63-10 TUFF BIT	\$204.97 C
369-731	4-5/12-63-10 TUFF BIT	\$243.78 C
400-120	4-5/12-75-10 ST TUFF BIT	\$386.58 C
369-733	5-5/12-63-10 TUFF BIT	\$284.58 C
TRIHAWK BITS		
906-1792	Trihawk I bit 2.75 HSG / 10K Drills	\$1,933.73 C
906-1771	Trihawk V / 3.88 / 3.0 HSG / 20K Drills	\$1,485.74 C
906-1719	Trihawk III / 4.38 / 3.0 HSG / 20K	\$2,324.72 C
906-1730	Trihawk IV / 4.38 / 3.0 HSG / 20K Drills	\$2,056.33 C
906-1796	3.0" Trihawk Drt Birt Adapter/ DW5 / M12	\$527.87 C
DRILLING BITS		
400-3031	RHINO ROCK BIT ASS'Y (3.5-5-12MM)	\$2,817.79 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		



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JT10 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
400-064	CONNECTOR 1.63-6F EZ2/1.41-6F	\$214.95 C
400-068	CONNECTOR 1.63-6F EZ2/1.94-4M	\$226.21 C
400-2218	CONNECTOR 1.63-6 F EZ2 / 2.0 M API-IF	\$226.60 C
368-263	CONNECTOR 1.94-4-M/1.41-6-M	\$191.32 C
400-2223	CONNECTOR (1.94-4F / 2.0M API-IF)	\$174.07 C
400-2222	CONNECTOR (2.0F API-IF / 1.94-4M)	\$174.07 C
400-2220	ADAPTER 1.41-6 M / 2.0 M API-IF	\$153.47 C
400-2221	ADAPTER (2.0F API-IF / 1.41-6F)	\$163.77 C
918-0749	ADAPTER Asmbly Hkeye 275 M x 1.41-6 F	\$267.48 C
918-0747	ADAPTER Asmbly Hkeye 275 M x 1.94-4 M	\$269.93 C
918-0751	ADAPTER Asmbly Hkeye 275 M x 2" IF M	\$258.91 C
QUICK WRENCH JAWS		
368-693	1.24" QUICK WRENCH JAW	\$106.35 C
368-692	1.63" QUICK WRENCH JAW	\$113.03 C
368-687	2.35" QUICK WRENCH JAW	\$145.17 C
PULLING ACCESSORIES		
368-290	"PIPE PULLER (.625" TO 1.250")"	\$255.59 C
110-509	ANCHOR SHACKLE (1/2")	\$15.20 C
110-969	5/8" ANCHOR SHACKLE (3/4" PIN)	\$22.42 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-902	PULLING GRIP (1/2" TO 3/4") W / SWVL	\$64.89 C
185-903	PULLING GRIP (3/4" TO 1-1/4") W / SWVL	\$67.98 C
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT10 (less regulated) - 320)



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JT10 (less regulated)**SUGGESTED PRICE LIST****(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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JT10 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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JT10 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT10 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT10 Jet Trac®** basic unit includes the following:

- Deutz TD2.9, turbocharged, liquid cooled diesel engine (66 gross hp) EPA Tier 4, EU Stage IIIB compliant
 - Electrical Strike System
 - Integral pipe rack which holds 54 or 58 drill pipe
 - Rack and Pinion drill frame and carriage
 - 2 post cylinder assist stake system (anchors included)
 - Rubber tracks
 - 16 gpm 4 cylinder fluid pump with 40 gal. tank
- OR**
- 20 gpm 4 cylinder fluid pump with anti-freeze tank
 - Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set

JT10 STANDARD #1

JT10 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine
16 GPM Mud Pump
Pipe Accessories

Total \$91,903.33 T

JT10 STANDARD #2

JT10 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine
20 GPM Mud Pump
Pipe Accessories Includes Saver Sub

Total \$98,074.80 T

JT10 HRC BASIC UNIT

JT10 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine

\$84,139.68 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$97.70 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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JT10 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
MUD PUMPS (Select one)		
	16 GPM Mud Pump	\$7,483.78 T
	20 GPM Mud Pump	\$13,655.25 T
ANCHOR SYSTEM ACCESSORIES (Select one)		
	4" Auger	\$300.30 T
	Rock Anchor/Replaceable Bits	\$682.71 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
190-1731	ADJUSTABLE UMBRELLA KIT	\$377.50 C
149-578	SPLIT ROD WIPER 1.25" ID	\$83.73 C
350-1861	WASH WAND ACCESSORY KIT	\$326.99 C
100-794	GROUNDING KIT	(Required if not using anchor system) \$989.72 C
300-3986	STABILIZER PAD	2 required \$143.41 \$286.82 C
190-2172	JT9/JT10 T4F UPTIME KIT	\$1,946.49 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	23 Gallons \$1,754.63 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		



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JT10 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
DOWNHOLE TOOLS			
For nozzle placement, size and angle, reference the Downhole Tools Parts Book			
DRILL PIPE			
355-1150	POWER PIPE HD FM 1.58 X 2.00 1.30-5 6'	each	\$257.25 D
355-1301	DW FORGED HD 1.63 X 2.00 1.30-5 6'	each	\$235.00 D
355-1149	POWER PIPE HD UL 1.58 X 2.00 1.30-5 6'	each	\$235.87 D
355-1121	HIWS1 PIPE 1.66 X 1.88 #200 6'	each	\$235.00 D
All shipped with:			
Pipe Accessories - Includes:			\$279.87 T
	SAVER SUB (1.30-4, HI-FLOW)	(Select Lined, DW Forged, Unlined Pipe)	
	SAVER SUB (#200, HI-FLOW)	(Select SPF Pipe 200)	
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-1384	EZ-CONNECT 2 (1.30-5 M / 1.63-6 M EZ2)	\$441.87	C
Shipped with:			
	368-692 1.63" QUICK WRENCH JAW	\$113.03	C
		\$554.90	C
400-2288	EZ-CONNECT ASS'Y (200M / 1.63-6M EZ2)	\$470.20	C
HAWKEYE™			
918-0736	STRTR ROD ASSM, HAWK275(B) x 1.30-5(P)	\$288.50	C
918-0756	STRTR RD, HKEYE 275 (B) X #200 (P)	\$511.14	C
918-0760	STRTR ROD ASSY, LG HAWK 275(B) X 1.30(P)	\$537.28	C
All shipped with:			
	918-0715 Collar Hawkeye 275	\$75.13	C
TRANSITION SUB			
400-2216	TRANSITION SUB 1.30-5 M / 2.0 M API-IF	\$345.45	C
400-2284	TRANSITION SUB (200M X 2.0M API-IF)	\$352.50	C
BEACON HOUSINGS			
908-0880	2.5" PWRHOUSE HD/5H-12MM/DW/2.0" I.F.	\$951.60	C
906-0854	HOUSING ASSY, 2.75 TRIHAWK	\$2,034.91	C



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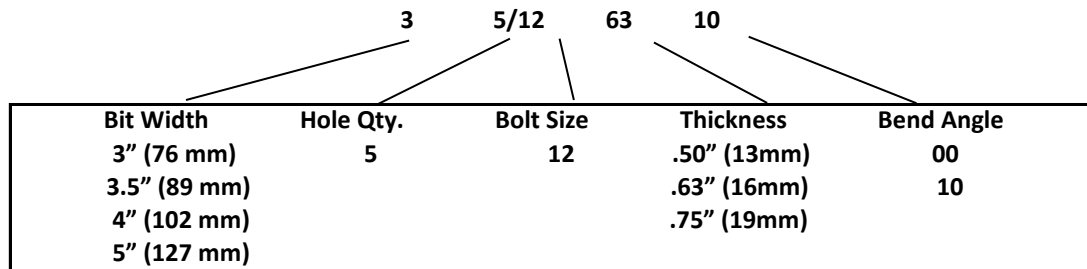
JT10 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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DRILL BITS



5 HOLE BITS

Durabit

368-898	3-5-50-00 DURABIT	\$233.90	C
368-899	3-5-63-00 DURABIT	\$233.90	C
368-900	3-5/12-50-10 DURABIT	\$233.90	C
368-901	3-5-63-10 DURABIT	\$233.90	C
368-902	4-5-50-10 DURABIT	\$244.94	C
368-903	4-5-63-10 DURABIT	\$244.94	C
368-904	4-5-75-10 DURABIT	\$250.45	C
369-082	5-5/12-63-10 DURABIT	\$313.35	C

Hard Surface Bit

369-068	3-5-63-10 HARD SURFACED BIT	\$71.44	C
369-069	4-5-63-10 HARD SURFACED BIT	\$95.71	C
369-070	5-5/12-63-10 HARD SURFACED BIT	\$102.62	C

Omni Bit

400-2751	3.5-5/12-75-10 OMNI BIT	\$325.00	C
400-2753	4-5/12-75-10 OMNI BIT	\$375.00	C
400-2755	4.5-5/12-75-10 OMNI BIT	\$385.00	C

Sand Bit

368-896	3-5-50-00 SAND BIT	\$76.22	C
368-897	3-5-50-10 SAND BIT	\$104.01	C
369-076	4-5-63-00 SAND BIT	\$103.00	C
369-078	4-5/12-63-10 SAND BIT	\$102.00	C
369-080	5-5/12-63-10 SAND BIT	\$113.30	C

Steep Taper Bit

369-072	3-5/12-63-10 STEEP TAPER BIT	\$121.54	C
368-895	4-5/12-63-10 STEEP TAPER BIT	\$148.92	C
369-074	5-5/12-63-10 STEEP TAPER BIT	\$142.14	C

Tornado Bit

400-1929	3-5/12-63-10 TORNADO	\$219.30	C
400-1925	3.5-5/12-63-10 TORNADO	\$213.18	C
400-1927	4-5/12-63-10 TORNADO	\$237.17	C
400-1931	4-5/12-75-10 TORNADO	\$232.56	C
400-1585	5-5/12-75-10 TORNADO BIT	\$258.06	C



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JT10 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
5 HOLE BITS (Continued)		
Tuff Bit		
369-729	3-5/12-63-10 TUFF BIT	\$199.71 C
401-334	3.5-5/12-63-10 TUFF BIT	\$204.97 C
369-731	4-5/12-63-10 TUFF BIT	\$243.78 C
400-120	4-5/12-75-10 ST TUFF BIT	\$386.58 C
369-733	5-5/12-63-10 TUFF BIT	\$284.58 C
TRIHAWK BITS		
906-1792	Trihawk I bit 2.75 HSG / 10K Drills	\$1,933.73 C
906-1771	Trihawk V / 3.88 / 3.0 HSG / 20K Drills	\$1,485.74 C
906-1719	Trihawk III / 4.38 / 3.0 HSG / 20K	\$2,324.72 C
906-1730	Trihawk IV / 4.38 / 3.0 HSG / 20K Drills	\$2,056.33 C
906-1796	3.0" Trihawk Drt Birt Adapter/ DW5 / M12	\$527.87 C
DRILLING BITS		
400-3031	RHINO ROCK BIT ASS'Y (3.5-5-12MM)	\$2,817.79 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
CONNECTORS and ADAPTERS		
400-064	CONNECTOR 1.63-6F EZ2/1.41-6F	\$214.95 C
400-068	CONNECTOR 1.63-6F EZ2/1.94-4M	\$226.21 C
400-2218	CONNECTOR 1.63-6 F EZ2 / 2.0 M API-IF	\$226.60 C
368-263	CONNECTOR 1.94-4-M/1.41-6-M	\$191.32 C
400-2223	CONNECTOR (1.94-4F / 2.0M API-IF)	\$174.07 C
400-2222	CONNECTOR (2.0F API-IF / 1.94-4M)	\$174.07 C
400-2220	ADAPTER 1.41-6 M / 2.0 M API-IF	\$153.47 C
400-2221	ADAPTER (2.0F API-IF / 1.41-6F)	\$163.77 C
918-0749	ADAPTER Asmbly Hkeye 275 M x 1.41-6 F	\$267.48 C
918-0747	ADAPTER Asmbly Hkeye 275 M x 1.94-4 M	\$269.93 C
918-0751	ADAPTER Asmbly Hkeye 275 M x 2" IF M	\$258.91 C
QUICK WRENCH JAWS		
368-693	1.24" QUICK WRENCH JAW	\$106.35 C
368-692	1.63" QUICK WRENCH JAW	\$113.03 C
368-687	2.35" QUICK WRENCH JAW	\$145.17 C



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JT10 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
368-290	"PIPE PULLER (.625" TO 1.250")"	\$255.59 C
110-509	ANCHOR SHACKLE (1/2")	\$15.20 C
110-969	5/8" ANCHOR SHACKLE (3/4" PIN)	\$22.42 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-902	PULLING GRIP (1/2" TO 3/4") W / SWVL	\$64.89 C
185-903	PULLING GRIP (3/4" TO 1-1/4") W / SWVL	\$67.98 C
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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JT20

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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JT20

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT20 Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT20 Jet Trac®* basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4, EU Stage IIIB compliant
- OR**
- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4i, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- 1 drill pipe box, 400 ft. capacity
- 2-speed gearbox
- Rubber tracks
- Hydraulic pipe lubricator
- Tethered ground drive control
- Fluid pump, 35 gpm @ 1000 psi
- Cold start kit
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT20 STANDARD #1			
JT20 Base Unit			
Includes: Basic Assembly, Production Decal Kit, Ship Kit			
Highly Regulated Engine			
Tether Ground			
Pipe Accessories			
4" Auger			
		\$154,395.60	T
	POWER PIPE HD FM 2.06 X 2.63 1.94-4 10'	40 \$335.00	\$13,400.00 D
		Total	\$167,795.60 T

JT20 STANDARD #2			
JT20 Base Unit			
Includes: Basic Assembly, Production Decal Kit, Ship Kit			
Highly Regulated Engine			
Tether Ground			
Pipe Accessories			
4" Auger			
		\$154,395.60	T
	POWER PIPE HD UL 2.06 X 2.63 1.94-4 10'	40 \$295.00	\$11,800.00 D
		Total	\$166,195.60 T



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JT20

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
NOTE: Umbrella is not included in standard unit, see accessories		
JT20 BASIC UNIT		
	JT20 Base Unit Includes: Basic Assembly, Production Decal Kit, Ship Kit Highly Regulated Engine	\$152,342.51 T
OR		
	JT20 Base Unit Includes: Basic Assembly, Production Decal Kit, Ship Kit Less Regulated Engine	\$152,342.51 T
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$57.76 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ANCHOR SYSTEM ACCESSORIES (Select one)		
	4" Auger	\$291.53 T
	Rock Anchor/Replaceable Bits	\$662.76 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$996.94 T
	Remote Control	\$2,205.44 T
	Advanced Remote Control	\$2,610.00 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
190-1464	CANOPY KIT	\$881.25 C
190-1506	SOFTCAB KIT (JT1220T4i/JT2020T3/JT20) (Also requires 190-1464 canopy kit)	\$1,621.31 C
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-2782	UMBRELLA KIT	\$326.40 C
190-1300	JT20/JT30/AT30 HEATED HOSE KIT	\$462.05 C
190-2112	JT20 T4F/T4i UPTIME KIT	\$1,504.50 B

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT20 - 331)



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JT20

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SERVICE PARTS		
191-1061	JT20 REMOTE GROUND DRIVE KIT	\$2,105.00 C
191-1068	JT20 ADVANCED REMOTE GROUND DRIVE KIT	\$2,510.00 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	30 Gallons \$2,208.43 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1107	POWER PIPE HD FM 2.06 X 2.63 1.94-4 10'	each \$335.00 D
355-1106	POWER PIPE HD UL 2.06 X 2.63 1.94-4 10'	each \$295.00 D
355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each \$345.00 D
355-1246	DW FORGED HD 2.10 X 2.50 1.94-4 10'	each \$372.75 D
All shipped with:		
Pipe Accessories - Includes:		\$764.62 T
	JT20 PP ACCESSORIES (Select DW Forged, Lined and Unlined)	
	JT20 PPF #600 ACCESSORIES 2.38" TUBE DIA (Select SPF Pipe 600)	
QUICK CONNECT SYSTEMS		
EZ CONNECT		
401-300	EZ CONNECT 1.94-4M/2.00-6M EZ2	\$566.50 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 D
HAWKEYE™		
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30)	\$654.86 D
918-2453	STRTRROD ASSM, HAWK(B) X 1.94-4(P)	\$414.43 D
918-2491	STRTER ROD ASSY, LG HAWK 350(B) X 1.94-4	\$541.52 D
918-2487	STRTR RD,HKEYE350(B) X #600 (P) (JT20)	\$638.38 D
All shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
SPLINELOK®		
908-4270	STRTR ROD ASSY, 350SPLII(P) X 1.94-4(P)	\$913.18 D
908-4310	STRTR ROD ASSY,350 SPLII(P) X 1.94-4(P)	\$1,220.34 D
TRANSITION SUB		
400-2192	TRANSITION SUB 1.94 M / 2.38 M API	\$460.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSINGS		
908-1680	3.0" PWRHOUSE HD/5H-12MM/DW/2-3/8" REG	\$1,149.75 C
906-1854	3.0" HD Trihawk HSG / 86B / 2.38 Reg	\$2,004.59 C
908-1690	ASSY, 3.25 UNIVERSAL HOUSING	\$2,657.36 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
3" (76 mm)	5	12	.50" (13mm)	00
3.5" (89 mm)			.63" (16mm)	10
4" (102 mm)			.75" (19mm)	
5" (127 mm)				

5 HOLE BITS

Barracuda Bit

368-890	3-5/12-50-10 BARRACUDA BIT	\$153.00 C
368-891	3-5/12-63-10 BARRACUDA BIT	\$109.14 C
368-892	4-5/12-50-10 BARRACUDA BIT	\$128.75 C
368-893	4-5/12-63-10 BARRACUDA BIT	\$126.75 C
368-894	4-5/12-75-10 BARRACUDA BIT	\$125.66 C
369-067	5-5/12-63-10 BARRACUDA BIT	\$144.20 C

Claw Bit

400-1665	3.5-5/12-75-10 CLAW BIT	\$185.64 C
400-1667	4-5/12-75-10 CLAW BIT	\$195.84 C
400-1669	5-5/12-75-10 CLAW BIT	\$221.34 C

Durabit

368-898	3-5-50-00 DURABIT	\$233.90 C
368-899	3-5-63-00 DURABIT	\$233.90 C
368-900	3-5/12-50-10 DURABIT	\$233.90 C
368-901	3-5-63-10 DURABIT	\$233.90 C
368-902	4-5-50-10 DURABIT	\$244.94 C
368-903	4-5-63-10 DURABIT	\$244.94 C
368-904	4-5-75-10 DURABIT	\$250.45 C
369-082	5-5/12-63-10 DURABIT	\$313.35 C

Hard Surface Bit

369-068	3-5-63-10 HARD SURFACED BIT	\$71.44 C
369-069	4-5-63-10 HARD SURFACED BIT	\$95.71 C
369-070	5-5/12-63-10 HARD SURFACED BIT	\$102.62 C

Omni Bit

400-2751	3.5-5/12-75-10 OMNI BIT	\$325.00 C
400-2753	4-5/12-75-10 OMNI BIT	\$375.00 C
400-2755	4.5-5/12-75-10 OMNI BIT	\$385.00 C



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JT20

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
5 HOLE BITS (Continued)		
Sand Bit		
368-896	3-5-50-00 SAND BIT	\$76.22 C
368-897	3-5-50-10 SAND BIT	\$104.01 C
369-076	4-5-63-00 SAND BIT	\$103.00 C
369-078	4-5/12-63-10 SAND BIT	\$102.00 C
369-080	5-5/12-63-10 SAND BIT	\$113.30 C
Steep Taper Bit		
369-072	3-5/12-63-10 STEEP TAPER BIT	\$121.54 C
368-895	4-5/12-63-10 STEEP TAPER BIT	\$148.92 C
400-160	4-5/12-63-10BC STEEP TAPER	\$85.28 C
369-074	5-5/12-63-10 STEEP TAPER BIT	\$142.14 C
Tornado Bit		
400-1929	3-5/12-63-10 TORNADO	\$219.30 C
400-1925	3.5-5/12-63-10 TORNADO	\$213.18 C
400-1927	4-5/12-63-10 TORNADO	\$237.17 C
400-1931	4-5/12-75-10 TORNADO	\$232.56 C
400-1585	5-5/12-75-10 TORNADO BIT	\$258.06 C
Tuff Bit		
369-729	3-5/12-63-10 TUFF BIT	\$199.71 C
401-334	3.5-5/12-63-10 TUFF BIT	\$204.97 C
369-731	4-5/12-63-10 TUFF BIT	\$243.78 C
369-733	5-5/12-63-10 TUFF BIT	\$284.58 C
400-120	4-5/12-75-10 ST TUFF BIT	\$386.58 C
TRIHAWK BITS		
906-1771	Trihawk V / 3.88 / 3.0 HSG / 20K Drills	\$1,485.74 C
906-1719	Trihawk III / 4.38 / 3.0 HSG / 20K	\$2,324.72 C
906-1730	Trihawk IV / 4.38 / 3.0 HSG / 20K Drills	\$2,056.33 C
906-1626	Trihawk I / 4.44 / 3.0 HSG / 20K Drills	\$2,320.67 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-1723	Trihk III Pull Back Tooth Kit 16-20K Lbs	\$64.58 C
906-1825	ASSEMBLY, 16-20K TRIHAWK V PULLBACK	\$127.50 C
906-1796	3.0" Trihawk Drt Birt Adapter/ DW5 / M12	\$527.87 C
906-1812	REAMER ASSM, 16-20K TRIHAWK	\$893.51 C
DRILLING BITS		
400-3033	RHINO ROCK BIT ASS'Y (3.9-5-12MM)	\$2,893.37 C

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
369-999	CONNECTOR 2.00-6F EZ2/1.94-4M	\$279.10 C
400-615	CONNECTOR 2.00-6F EZ2/1.94-4F	\$510.88 C
908-1706	Connector 2.00 6EZ2 -F / 2.38 -M	\$264.52 C
918-2451	Connector Hawkeye 350 -M / 1.94-4 -M	\$318.55 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
908-4268	Connector SPLKII 350-F / 1.94-4 -M	\$448.90 C
400-1050	ADAPTER (2.25-6F EZ3 X 1.94-4M)	\$302.82 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3052	Adapter Asmbly Hkeye 390 M X 1.94-4M	\$396.49 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C
QUICK WRENCH JAW		
368-687	2.35" QUICK WRENCH JAW	\$145.17 C
PULLING ACCESSORIES		
368-290	"PIPE PULLER (.625" TO 1.250")"	\$255.59 C
110-509	ANCHOR SHACKLE (1/2")	\$15.20 C
110-969	5/8" ANCHOR SHACKLE (3/4" PIN)	\$22.42 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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Changes since the November 1, 2018 price list:

Effective December 1, 2018



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JT20XP

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT20XP Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT20XP Jet Trac®* basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4, EU Stage IIIB compliant
- OR**
- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4i, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- 1 drill pipe box, 400 ft. capacity
- 2-speed gearbox
- Rubber tracks
- Hydraulic pipe lubricator
- Cold start kit
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT20XP STANDARD #1		
JT20 Base Unit		
Includes: Basic Assembly, Production Decal Kit, Ship Kit, Hood		
Highly Regulated Engine		
Remote Control		
Pipe Accessories		
DW FORGED HD 2.10 X 2.50 1.94-4 10'	40	\$139,276.40 T
	\$372.75	\$14,910.00 D
	Total	\$154,186.40 T

NOTE: Umbrella is not included in standard unit, see accessories

JT20XP BASIC UNIT

JT20 Base Unit

- Includes: Basic Assembly, Production Decal Kit, Ship Kit, Hood
- Highly Regulated Engine
- Remote Control

\$138,500.42 T

OR

JT20 Base Unit

- Includes: Basic Assembly, Production Decal Kit, Ship Kit, Hood
- Less Regulated Engine
- Remote Control

\$138,500.42 T



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$57.76 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ANCHOR SYSTEM ACCESSORIES (Select one)		
	4" Auger	\$295.86 T
	Rock Anchor/Replaceable Bits	\$672.61 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$996.94 T
	Remote Control	\$2,205.44 T
	Advanced Remote Control	\$2,610.00 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
190-1464	CANOPY KIT	\$881.25 C
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT	(Required if not using anchor system) \$989.72 C
100-074	STRIKE MAT KIT	(Required when hand loading pipe) \$636.16 C
190-1300	JT20/JT30/AT30 HEATED HOSE KIT	\$462.05 C
190-2112	JT20 T4F/T4i UPTIME KIT	\$1,504.50 B
190-2782	UMBRELLA KIT	\$326.40 C
SERVICE PARTS		
191-1061	JT20 REMOTE GROUND DRIVE KIT	\$2,105.00 C
191-1068	JT20 ADVANCED REMOTE GROUND DRIVE KIT	\$2,510.00 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	30 Gallons \$2,208.43 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		



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JT20XP

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1107	POWER PIPE HD FM 2.06 X 2.63 1.94-4 10'	each \$335.00 D
355-1106	POWER PIPE HD UL 2.06 X 2.63 1.94-4 10'	each \$295.00 D
355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each \$345.00 D
355-1246	DW FORGED HD 2.10 X 2.50 1.94-4 10'	each \$372.75 D
All shipped with:		
Pipe Accessories - Includes:		\$775.98 T
JT20 PP ACCESSORIES (Select DW Forged, Lined and Unlined)		
JT20 PPF #600 ACCESSORIES 2.38" TUBE DIA (Select SPF Pipe 600)		
QUICK CONNECT SYSTEMS		
EZ CONNECT		
401-300	EZ CONNECT 1.94-4M/2.00-6M EZ2	\$566.50 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 D
HAWKEYE™		
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30)	\$654.86 D
918-2453	STRTRROD ASSM, HAWK(B) X 1.94-4(P)	\$414.43 D
918-2491	STRTER ROD ASSY, LG HAWK 350(B) X 1.94-4	\$541.52 D
918-2487	STRTR RD,HKEYE350(B) X #600 (P) (JT20)	\$638.38 D
All shipped with:		
918-2439 Collar Hawkeye 350		\$158.72 C
SPLINELOK®		
908-4270	STRTR ROD ASSY, 350SPLII(P) X 1.94-4(P)	\$913.18 D
908-4310	STRTR ROD ASSY,350 SPLII(P) X 1.94-4(P)	\$1,220.34 D
TRANSITION SUB		
400-2192	TRANSITION SUB 1.94 M / 2.38 M API	\$460.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C
BEACON HOUSINGS		
908-1680	3.0" PWRHOUSE HD/5H-12MM/DW/2-3/8" REG	\$1,149.75 C
906-1854	3.0" HD Trihawk HSG / 86B / 2.38 Reg	\$2,004.59 C
908-1690	ASSY, 3.25 UNIVERSAL HOUSING	\$2,657.36 C



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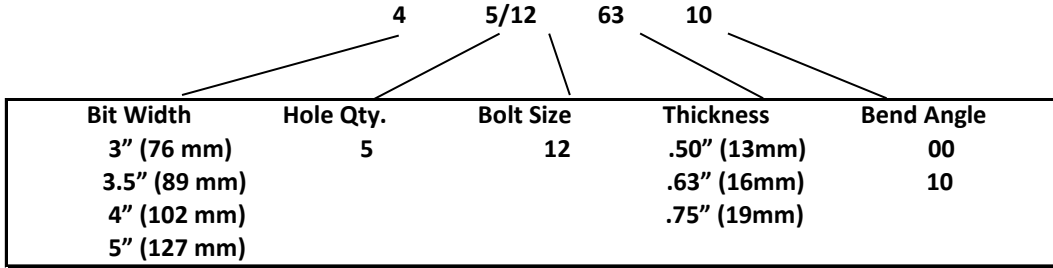
JT20XP

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO. DESCRIPTION MSRP (USD)

DRILL BITS



5 HOLE BITS

Barracuda Bit

368-890	3-5/12-50-10 BARRACUDA BIT	\$153.00	C
368-891	3-5/12-63-10 BARRACUDA BIT	\$109.14	C
368-892	4-5/12-50-10 BARRACUDA BIT	\$128.75	C
368-893	4-5/12-63-10 BARRACUDA BIT	\$126.75	C
368-894	4-5/12-75-10 BARRACUDA BIT	\$125.66	C
369-067	5-5/12-63-10 BARRACUDA BIT	\$144.20	C

Claw Bit

400-1665	3.5-5/12-75-10 CLAW BIT	\$185.64	C
400-1667	4-5/12-75-10 CLAW BIT	\$195.84	C
400-1669	5-5/12-75-10 CLAW BIT	\$221.34	C

Durabit

368-898	3-5-50-00 DURABIT	\$233.90	C
368-899	3-5-63-00 DURABIT	\$233.90	C
368-900	3-5/12-50-10 DURABIT	\$233.90	C
368-901	3-5-63-10 DURABIT	\$233.90	C
368-902	4-5-50-10 DURABIT	\$244.94	C
368-903	4-5-63-10 DURABIT	\$244.94	C
368-904	4-5-75-10 DURABIT	\$250.45	C
369-082	5-5/12-63-10 DURABIT	\$313.35	C

Hard Surface Bit

369-068	3-5-63-10 HARD SURFACED BIT	\$71.44	C
369-069	4-5-63-10 HARD SURFACED BIT	\$95.71	C
369-070	5-5/12-63-10 HARD SURFACED BIT	\$102.62	C

Sand Bit

368-896	3-5-50-00 SAND BIT	\$76.22	C
368-897	3-5-50-10 SAND BIT	\$104.01	C
369-076	4-5-63-00 SAND BIT	\$103.00	C
369-078	4-5/12-63-10 SAND BIT	\$102.00	C
369-080	5-5/12-63-10 SAND BIT	\$113.30	C

Steep Taper Bit

369-072	3-5/12-63-10 STEEP TAPER BIT	\$121.54	C
368-895	4-5/12-63-10 STEEP TAPER BIT	\$148.92	C
400-160	4-5/12-63-10BC STEEP TAPER	\$85.28	C
369-074	5-5/12-63-10 STEEP TAPER BIT	\$142.14	C



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JT20XP

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
5 HOLE BITS (Continued)		
Tornado Bit		
400-1929	3-5/12-63-10 TORNADO	\$219.30 C
400-1925	3.5-5/12-63-10 TORNADO	\$213.18 C
400-1927	4-5/12-63-10 TORNADO	\$237.17 C
400-1931	4-5/12-75-10 TORNADO	\$232.56 C
400-1585	5-5/12-75-10 TORNADO BIT	\$258.06 C
Tuff Bit		
369-729	3-5/12-63-10 TUFF BIT	\$199.71 C
401-334	3.5-5/12-63-10 TUFF BIT	\$204.97 C
369-731	4-5/12-63-10 TUFF BIT	\$243.78 C
400-120	4-5/12-75-10 ST TUFF BIT	\$386.58 C
369-733	5-5/12-63-10 TUFF BIT	\$284.58 C
TRIHAWK BITS		
906-1771	Trihawk V / 3.88 / 3.0 HSG / 20K Drills	\$1,485.74 C
906-1719	Trihawk III / 4.38 / 3.0 HSG / 20K	\$2,324.72 C
906-1730	Trihawk IV / 4.38 / 3.0 HSG / 20K Drills	\$2,056.33 C
906-1626	Trihawk I / 4.44 / 3.0 HSG / 20K Drills	\$2,320.67 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-1723	Trihk III Pull Back Tooth Kit 16-20K Lbs	\$64.58 C
906-1825	ASSEMBLY, 16-20K TRIHAWK V PULLBACK	\$127.50 C
906-1796	3.0" Trihawk Drt Birt Adapter/ DW5 / M12	\$527.87 C
906-1812	REAMER ASSM, 16-20K TRIHAWK	\$893.51 C
DRILLING BITS		
400-3033	RHINO ROCK BIT ASS'Y (3.9-5-12MM)	\$2,893.37 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
CONNECTORS and ADAPTERS		
369-999	CONNECTOR 2.00-6F EZ2/1.94-4M	\$279.10 C
400-615	CONNECTOR 2.00-6F EZ2/1.94-4F	\$510.88 C
908-1706	Connector 2.00 6EZ2 -F / 2.38 -M	\$264.52 C
918-2451	Connector Hawkeye 350 -M / 1.94-4 -M	\$318.55 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
908-4268	Connector SPLKII 350-F / 1.94-4 -M	\$448.90 C
400-1050	ADAPTER (2.25-6F EZ3 X 1.94-4M)	\$302.82 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3052	Adapter Asmbly Hkeye 390 M X 1.94-4M	\$396.49 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT20XP - 342)



CONFIDENTIAL

JT20XP

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK WRENCH JAW		
368-687	2.35" QUICK WRENCH JAW	\$145.17 C
PULLING ACCESSORIES		
368-290	"PIPE PULLER (.625" TO 1.250")"	\$255.59 C
110-509	ANCHOR SHACKLE (1/2")	\$15.20 C
110-969	5/8" ANCHOR SHACKLE (3/4" PIN)	\$22.42 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

JT25 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

- 400-2757 4-6/16-75-10 OMNI BIT
- 400-2759 4.5-6/16-75-10 OMNI BIT
- 400-2761 5-6/16-75-10 OMNI BIT



CONFIDENTIAL

JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT25 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT25 Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (130 hp gross) EPA Tier 3, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Tethered ground drive control
- Antifreeze kit
- Operating lights
- Cold start kit
- Dual batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Available with single joystick thrust and rotation or separate joysticks for thrust and rotation
- Independent rear stabilizers
- Dual pivot drill frame
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT25 LRC STANDARD #1

JT25 Base Unit

Includes: Basic Assembly, Pipe Box Kit, Ship Kit
Less Regulated Engine

Total \$193,593.67 T**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit T3

\$65.52 T

ISO Decal Kit

\$86.93 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**OPERATOR STATION (Select one)**

Climate Control Cab T3

\$22,513.93 T

No Cab

\$623.62 T



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JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
JOYSTICK OPTIONS (Select one)		
	Dual Controls	\$4,250.54 T
	Single Controls	\$3,218.62 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$1,217.85 T
	Remote Control	\$2,305.22 T
ANCHOR SYSTEMS (Select one)		
	HD Dirt Anchor	\$12,146.03 T
	HD Rock Anchor	\$12,889.52 T
NOTE: Must select anchor system accessories below		
ANCHOR SYSTEM ACCESSORIES (Select one)		
	4" Auger	\$8,580.96 T
	6" Auger	\$8,609.78 T
	Rock Anchor/Replaceable Bits	\$8,969.00 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
190-1734	UMBRELLA KIT	\$462.05 C
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT	\$989.72 C
	(Required if not using anchor system)	
100-074	STRIKE MAT KIT	\$636.16 C
	(Required when hand loading pipe)	
190-1861	HEATED HOSE KIT	\$767.42 C
190-1808	SHORT PIPE BOX KIT	\$3,455.62 C
	(Pipe quantity = 24)	
190-2139	JT25/JT30/AT30 LRC UPTIME KIT	\$902.70 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	42 Gallons \$3,168.80 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		



CONFIDENTIAL

JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each \$387.72 D
355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each \$344.50 D
355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each \$379.00 D
All shipped with:		
	Pipe Accessories - Includes: JT25 PP ACCESSORIES	\$794.65 T
355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each \$345.00 D
Shipped With:		
	Pipe Accessories 600 - Includes: JT25 PPF PIN UP ACCESSORIES JT25 PPF PIN DOWN ACCESSORIES	\$993.60 T
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 C
400-2252	EZ-CON ASS'Y (600F / 2.25-6M EZ3)	\$821.94 C
HAWKEYE™		
918-2487	STRTR RD,HKEYE350(B) X #600 (P) (JT20)	\$638.38 C
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33 C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91 C
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30)	\$654.86 C
918-2434	STARTER ROD, HAWKEYE 350-F / #600 -F	\$342.00 C
All shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08 C
918-3091	STRTR ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95 C
918-3017	Starter Rod Hawkeye 390-F / #600 -F	\$529.14 C
All shipped with:		
	918-3029 Collar Hawkeye 390	\$188.29 C
LPT		
908-4274	STARTER ROD 2.12 LPT -F / #600 -F	\$244.80 C
Shipped with:		
	908-4244 COLLAR 2.12 LPT	\$129.33 C
SPLINELOK®		
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67 C
908-4312	STRTR ROD ASSY, 350 SPLKII(P) X 2.11(P) LG	\$998.84 C
908-4112	STARTER ROD SPLK II 350 / # 602 -F	\$899.31 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT25 (less regulated) - 347)



CONFIDENTIAL

JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRANSITION SUBS

908-4223	STARTER ROD, #600 -F / 2.38 Reg -M	\$540.91 C
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C
400-2249	TRANSITION SUB (600M / 2.125F LPT)	\$607.95 C

BEACON HOUSINGS

908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
906-2654	3.5" Trihawk HD HSG HF / 86B / 2.38 Reg	\$3,294.20 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
4" (102 mm)	6	16	.75" (13mm)	00
4.5" (114 mm)				10
5" (127 mm)				
5.5" (140 mm)				
6" (152 mm)				
6.4" (162 mm)				
6.5" (165 mm)				

6 HOLE BITS

Barracuda Bit

400-1587	4-6/16-75-10 CUDA BIT	\$136.68 C
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Claw Bit

400-1671	4-6/16-1-10 CLAW BIT	\$211.14 C
400-1673	5-6/16-1-10 CLAW BIT	\$226.44 C

Hard Surface Bit

400-1649	4-6/16-75-10 HARD SURFACE BIT	\$87.20 C
400-1651	5-6/16-1-10 HARD SURFACE BIT	\$119.77 C
400-1655	6-6/16-1-10 HARD SURFACE BIT	\$131.58 C

Omni Bit

400-2757	4-6/16-75-10 OMNI BIT	\$360.00 C
400-2759	4.5-6/16-75-10 OMNI BIT	\$390.00 C
400-2761	5-6/16-75-10 OMNI BIT	\$450.00 C

Sand Bit

400-1657	4-6/16-75-10 SAND BIT	\$120.25 C
400-1659	5-6/16-1-10 SAND BIT	\$150.24 C

Sewer Bit

368-144	5.5-6/16-75-00 SEWER BIT	\$236.90 C
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CONFIDENTIAL

JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
400-217	4.5-6/16-75-00 STEEP BIT	\$147.85 C
400-170	4.5-6/16-75-10 STEEP BIT	\$164.80 C
369-183	5-6/16-75-00 STEEP BIT	\$169.95 C
369-466	5-6/16-75-10 STEEP BIT	\$163.89 C
369-179	6.4-6/16-75-00 STEEP BIT	\$171.02 C
369-467	6.4-6/16-75-10 STEEP BIT	\$176.53 C
Steep Taper Tuff Bit		
400-122	4-6/16-75-10 ST TUFF BIT	\$400.67 C
400-124	5-6/16-75-10 ST TUFF BIT	\$494.70 C
Tornado Bit		
400-1933	4.5-6/16-75-10 TORNADO	\$250.92 C
400-1935	5-6/16-75-10 TORNADO	\$270.30 C
400-1937	6.5-6/16-75-10 TORNADO BIT	\$299.55 C
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
TRIHAWK BITS		
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2426	Tirhawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



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JT25 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
908-4103	Connector 2.12 LPT X 2.375	\$311.95 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3054	ADAPTER ASSM, HAWKEYE 390(P) X T	\$435.18 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C
918-3088	COLLAR ASSM, HAWKEYE 390 REAMER	\$442.89 C
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$2,500.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

351

(JT25 (less regulated) - 350)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT25 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

- 400-2757 4-6/16-75-10 OMNI BIT
- 400-2759 4.5-6/16-75-10 OMNI BIT
- 400-2761 5-6/16-75-10 OMNI BIT



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT25 Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT25 Jet Trac®* basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (130 hp gross) EPA Tier 4, EU Stage IV compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Tethered ground drive control
- Antifreeze kit
- Operating lights
- Cold start kit
- Dual batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Available with single joystick thrust and rotation or separate joysticks for thrust and rotation
- Independent rear stabilizers
- Dual pivot drill frame
- Telematics
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT25 HRC STANDARD #1

JT25 Base Unit

- Includes: Basic Assembly, Pipe Box Kit, Ship Kit
- Highly Regulated Engine
- 4" Auger
- Pipe Accessories
- Single Controls
- No Cab
- Tether Ground

Total \$236,213.57 T



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
JT25 HRC STANDARD #2		
	JT25 Base Unit	
	Includes: Basic Assembly, Pipe Box Kit, Ship Kit	
	Highly Regulated Engine	
	HD Dirt Anchor	
	Pipe Accessories	
	Single Controls	
	No Cab	
	Tether Ground	
		Total \$239,778.64 T
JT25 HRC STANDARD #3		
	JT25 Base Unit	
	Includes: Basic Assembly, Pipe Box Kit, Ship Kit	
	Highly Regulated Engine	
	HD Dirt Anchor	
	Pipe Accessories	
	Single Controls	
	No Cab	
	Remote Control	
		Total \$240,866.01 T
JT25 HRC BASIC UNIT		
	JT25 Base Unit	
	Includes: Basic Assembly, Pipe Box Kit, Ship Kit	
	Highly Regulated Engine	
		\$221,777.87 T
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit T4F	\$124.35 T
	ISO Decal Kit	\$86.93 T
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
OPERATOR STATION (Select one)		
	Climate Control Cab T4	\$22,734.75 T
	No Cab	\$623.62 T
JOYSTICK OPTIONS (Select one)		
	Dual Controls	\$4,250.54 T
	Single Controls	\$3,218.62 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$1,217.85 T
	Remote Control	\$2,305.22 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT25 (highly regulated) - 353)



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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ANCHOR SYSTEMS (Select one)

	HD Dirt Anchor	\$12,146.03 T
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	HD Rock Anchor	\$12,889.52 T
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NOTE: Must select anchor system accessories below**ANCHOR SYSTEM ACCESSORIES (Select one)**

	4" Auger	\$8,580.96 T
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	6" Auger	\$8,609.78 T
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	Rock Anchor/Replaceable Bits	\$8,969.00 T
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ACCESSORIES

190-1734	UMBRELLA KIT	\$462.05 C
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149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
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100-794	GROUNDING KIT	(Required if not using anchor system) \$989.72 C
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100-074	STRIKE MAT KIT	(Required when hand loading pipe) \$636.16 C
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190-1861	HEATED HOSE KIT	\$767.42 C
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190-1808	SHORT PIPE BOX KIT	(Pipe quantity = 24) \$3,455.62 C
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190-2138	JT25/JT30/AT30 T4F UPTIME KIT	\$974.10 B
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ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	42 Gallons	\$3,168.80 T
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TRACKING ELECTRONICS / DrillLok™[See Subsite® Electronics Price List](#)**DOWNHOLE TOOLS****For nozzle placement, size and angle, reference the Downhole Tools Parts Book****DRILL PIPE**

355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each	\$387.72 D
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355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each	\$344.50 D
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355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each	\$379.00 D
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All shipped with:

Pipe Accessories - Includes:			\$794.65 T
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JT25 PP ACCESSORIES

355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each	\$345.00 D
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Shipped with:

Pipe Accessories 600 - Includes:			\$993.60 T
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JT25 PPF PIN UP ACCESSORIES

JT25 PPF PIN DOWN ACCESSORIES



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 C
400-2252	EZ-CON ASS'Y (600F / 2.25-6M EZ3)	\$821.94 C
HAWKEYE™		
918-2487	STRTR RD,HKEYE350(B) X #600 (P) (JT20)	\$638.38 C
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33 C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91 C
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30)	\$654.86 C
918-2434	STARTER ROD, HAWKEYE 350-F / #600 -F	\$342.00 C
All shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08 C
918-3091	STRTER ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95 C
918-3017	Starter Rod Hawkeye 390-F / #600 -F	\$529.14 C
All shipped with:		
	918-3029 Collar Hawkeye 390	\$188.29 C
LPT		
908-4274	STARTER ROD 2.12 LPT -F / #600 -F	\$244.80 C
Shipped with:		
	908-4244 COLLAR 2.12 LPT	\$129.33 C
SPLINELOK®		
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67 C
908-4312	STRTR ROD ASSY,350 SPLKII(P) X 2.11(P)LG	\$998.84 C
908-4112	STARTER ROD SPLK II 350 / # 602 -F	\$899.31 C
TRANSITION SUBS		
908-4223	STARTER ROD, #600 -F / 2.38 Reg -M	\$540.91 C
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C
400-2249	TRANSITION SUB (600M / 2.125F LPT)	\$607.95 C
BEACON HOUSINGS		
908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
906-2654	3.5" Trihawk HD HSG HF / 86B / 2.38 Reg	\$3,294.20 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO. DESCRIPTION MSRP (USD)

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
4" (102 mm)	6	16	.75" (13mm)	00
4.5" (114 mm)				10
5" (127 mm)				
5.5" (140 mm)				
6" (152 mm)				
6.4" (162 mm)				
6.5" (165 mm)				

6 HOLE BITS

Barracuda Bit

400-1587 4-6/16-75-10 CUDA BIT \$136.68 C

Claw Bit

400-1671 4-6/16-1-10 CLAW BIT \$211.14 C

400-1673 5-6/16-1-10 CLAW BIT \$226.44 C

Hard Surface Bit

400-1649 4-6/16-75-10 HARD SURFACE BIT \$87.20 C

400-1651 5-6/16-1-10 HARD SURFACE BIT \$119.77 C

400-1655 6-6/16-1-10 HARD SURFACE BIT \$131.58 C

Omni Bit

400-2757 4-6/16-75-10 OMNI BIT \$360.00 C

400-2759 4.5-6/16-75-10 OMNI BIT \$390.00 C

400-2761 5-6/16-75-10 OMNI BIT \$450.00 C

Sand Bit

400-1657 4-6/16-75-10 SAND BIT \$120.25 C

400-1659 5-6/16-1-10 SAND BIT \$150.24 C

Sewer Bit

368-144 5.5-6/16-75-00 SEWER BIT \$236.90 C

Steep Taper Bit

400-217 4.5-6/16-75-00 STEEP BIT \$147.85 C

400-170 4.5-6/16-75-10 STEEP BIT \$164.80 C

369-183 5-6/16-75-00 STEEP BIT \$169.95 C

369-466 5-6/16-75-10 STEEP BIT \$163.89 C

369-179 6.4-6/16-75-00 STEEP BIT \$171.02 C

369-467 6.4-6/16-75-10 STEEP BIT \$176.53 C

Steep Taper Tuff Bit

400-122 4-6/16-75-10 ST TUFF BIT \$400.67 C

400-124 5-6/16-75-10 ST TUFF BIT \$494.70 C

Tornado Bit

400-1933 4.5-6/16-75-10 TORNADO \$250.92 C

400-1935 5-6/16-75-10 TORNADO \$270.30 C

400-1937 6.5-6/16-75-10 TORNADO BIT \$299.55 C



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
TRIHAWK BITS		
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2426	Trihawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
908-4103	Connector 2.12 LPT X 2.375	\$311.95 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3054	ADAPTER ASSM, HAWKEYE 390(P) X T	\$435.18 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C
918-3088	COLLAR ASSM, HAWKEYE 390 REAMER	\$442.89 C



CONFIDENTIAL

JT25 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

JT30 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

- 400-2757 4-6/16-75-10 OMNI BIT
- 400-2759 4.5-6/16-75-10 OMNI BIT
- 400-2761 5-6/16-75-10 OMNI BIT



CONFIDENTIAL

JT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT30 Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT30 Jet Trac®* basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (148 hp gross) EPA Tier 3, EU Stage IIIA Compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Tethered ground drive control
- Cold start kit
- Dual batteries
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT30 LRC STANDARD #1

JT30 Base Unit

Includes: Basic Assembly, Ship Kit
Less Regulated Engine

Total \$232,385.33 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$95.78 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**OPERATOR STATION (Select one)**

Climate Control Cab T3

\$26,015.41 T

No Cab

\$3,606.00 T

GROUND DRIVE CONTROLS (Select one)

Tether Ground

\$1,223.86 T

Remote Control

\$2,316.58 T

ANCHOR SYSTEM ACCESSORIES (Select one)

10" Auger

\$4,134.83 T

Rock Anchor/Replaceable Bits

\$4,423.36 T



CONFIDENTIAL

JT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-2680	UMBRELLA KIT (Required if not ordering cab option)	\$462.05 C
190-1300	JT20/JT30/AT30 HEATED HOSE KIT	\$462.05 C
190-2018	JT30 PIPE BOX KIT (SHORT) (Pipe quantity = 24)	\$3,056.43 C
190-2139	JT25/JT30/AT30 LRC UPTIME KIT	\$902.70 B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 38 Gallons \$2,812.84 T

TRACKING ELECTRONICS / DrillLok™[See Subsite® Electronics Price List](#)**DOWNHOLE TOOLS****For nozzle placement, size and angle, reference the Downhole Tools Parts Book****DRILL PIPE**

355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each	\$387.72 D
355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each	\$344.50 D
355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each	\$379.00 D

All shipped with:

Pipe Accessories - Includes:			\$7,393.75 T
JT30 DITCH WITCH PIPE ACCESSORIES			
JT30 PIPE BOX KIT (TALL)			
POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M			
POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M			
DW FORGED HD 2.38 X 2.75 2.11-4 3M			

355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each	\$345.00 D
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Shipped with:

Pipe Accessories 600 - Includes:			\$6,632.03 T
JT30 PPF ACCESSORIES			
JT30 PIPE BOX KIT (TALL)			

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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(JT30 (less regulated) - 361)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 C
HAWKEYE™		
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33 C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91 C
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30	\$654.86 C
All shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08 C
918-3091	STRTER ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95 C
Both shipped with:		
	918-3029 Collar Hawkeye 390	\$188.29 C
918-2487	STRTR RD, HKEYE350(B) X #600 (P) (JT20)	\$638.38 C
SPLINELOK®		
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67 C
908-4312	STRTR ROD ASSY, 350 SPLKII(P) X 2.11(P) LG	\$998.84 C
TRANSITION SUBS		
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C
400-2249	TRANSITION SUB (600M / 2.125F LPT)	\$607.95 C
BEACON HOUSING		
908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
906-2654	3.5" Trihawk HD HSG HF / 86B / 2.38 Reg	\$3,294.20 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C



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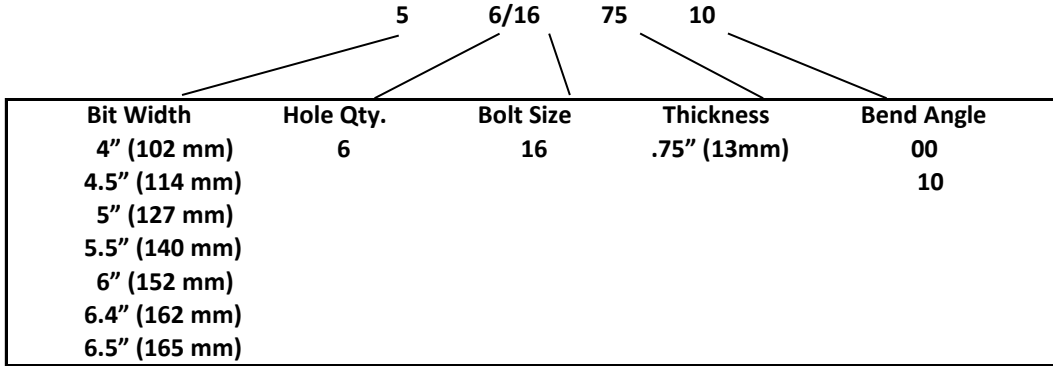
JT30 (less regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO. DESCRIPTION MSRP (USD)

DRILL BITS



6 HOLE BITS

Barracuda Bit

400-1587 4-6/16-75-10 CUDA BIT \$136.68 C

Claw Bit

400-1671 4-6/16-1-10 CLAW BIT \$211.14 C

400-1673 5-6/16-1-10 CLAW BIT \$226.44 C

Hard Surface Bit

400-1649 4-6/16-75-10 HARD SURFACE BIT \$87.20 C

400-1651 5-6/16-1-10 HARD SURFACE BIT \$119.77 C

400-1655 6-6/16-1-10 HARD SURFACE BIT \$131.58 C

Omni Bit

400-2757 4-6/16-75-10 OMNI BIT \$360.00 C

400-2759 4.5-6/16-75-10 OMNI BIT \$390.00 C

400-2761 5-6/16-75-10 OMNI BIT \$450.00 C

Sand Bit

400-1657 4-6/16-75-10 SAND BIT \$120.25 C

400-1659 5-6/16-1-10 SAND BIT \$150.24 C

Sewer Bit

368-144 5.5-6/16-75-00 SEWER BIT \$236.90 C

Steep Taper Bit

400-217 4.5-6/16-75-00 STEEP BIT \$147.85 C

400-170 4.5-6/16-75-10 STEEP BIT \$164.80 C

369-183 5-6/16-75-00 STEEP BIT \$169.95 C

369-466 5-6/16-75-10 STEEP BIT \$163.89 C

369-179 6.4-6/16-75-00 STEEP BIT \$171.02 C

369-467 6.4-6/16-75-10 STEEP BIT \$176.53 C

Steep Taper Tuff Bit

400-122 4-6/16-75-10 ST TUFF BIT \$400.67 C

400-124 5-6/16-75-10 ST TUFF BIT \$494.70 C

Tornado Bit

400-1933 4.5-6/16-75-10 TORNADO \$250.92 C

400-1935 5-6/16-75-10 TORNADO \$270.30 C

400-1937 6.5-6/16-75-10 TORNADO BIT \$299.55 C



CONFIDENTIAL

JT30 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
TRIHAWK BITS		
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2426	Trihawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2698	3.5" Trihawk Drt Bit Adapter / DW6 / M20	\$741.80 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
908-4269	Connector SPLKII 350 -F / 2.59-4 -M	\$487.09 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3054	ADAPTER ASSM, HAWKEYE 390(P) X T	\$435.18 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C
918-3088	COLLAR ASSM, HAWKEYE 390 REAMER	\$442.89 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT30 (less regulated) - 364)

365

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

JT30 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

- 400-2757 4-6/16-75-10 OMNI BIT
- 400-2759 4.5-6/16-75-10 OMNI BIT
- 400-2761 5-6/16-75-10 OMNI BIT



CONFIDENTIAL

JT30 (highly regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT30 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT30 Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (160 hp gross) EPA Tier 4, EU Stage IV Compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Tethered ground drive control
- Cold start kit
- Dual batteries
- Telematics
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT30 HRC STANDARD #1

JT30 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine
No Cab
Tether Ground
Pipe Accessories

Total \$265,664.75 T**JT30 HRC STANDARD #2**

JT30 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine
Climate Control Cab T4
Tether Ground
Pipe Accessories

Total \$291,057.59 T**JT30 HRC BASIC UNIT**

JT30 Base Unit

Includes: Basic Assembly, Ship Kit
Highly Regulated Engine

\$255,441.14 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT30 (highly regulated) - 367)



CONFIDENTIAL

JT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$95.78 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION (Select one)		
	Climate Control Cab T4	\$26,998.84 T
	No Cab	\$3,606.00 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$1,223.86 T
	Remote Control	\$2,316.58 T
ANCHOR SYSTEM ACCESSORIES (Select one)		
	10" Auger	\$4,134.83 T
	Rock Anchor/Replaceable Bits	\$4,423.36 T
ACCESSORIES		
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-2680	UMBRELLA KIT (Required if not ordering cab option)	\$462.05 C
190-1300	JT20/JT30/AT30 HEATED HOSE KIT	\$462.05 C
190-2018	JT30 PIPE BOX KIT (SHORT) (Pipe quantity = 24)	\$3,056.43 C
190-2138	JT25/JT30/AT30 T4F UPTIME KIT	\$974.10 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	38 Gallons \$2,812.84 T
TRACKING ELECTRONICS / DrillLok™		
See Subsite® Electronics Price List		



CONFIDENTIAL

JT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each \$387.72 D
355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each \$344.50 D
355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each \$379.00 D
All shipped with:		
	Pipe Accessories - Includes:	\$7,393.75 T
	JT30 DITCH WITCH PIPE ACCESSORIES	
	JT30 PIPE BOX KIT (TALL)	
	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	
	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	
	DW FORGED HD 2.38 X 2.75 2.11-4 3M	
355-1118	HIWS1 PIPE 2.38 X 2.63 #600 10'	each \$345.00 D
Shipped with:		
	Pipe Accessories 600 - Includes:	\$6,632.03 T
	JT30 PPF ACCESSORIES	
	JT30 PIPE BOX KIT (TALL)	
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90 C
400-2251	EZ-CON ASS'Y (600M / 2.25-6M EZ3)	\$821.94 C
HAWKEYE™		
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33 C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91 C
918-2489	STRTR RD, HAWK350(B) X #600 (P) (JT25/30	\$654.86 C
All shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08 C
918-3091	STRTER ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95 C
Both shipped with:		
	918-3029 Collar Hawkeye 390	\$188.29 C
918-2487	STRTR RD, HKEYE350(B) X #600 (P) (JT20)	\$638.38 C
SPLINELOK®		
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67 C
908-4312	STRTR ROD ASSY, 350 SPLKII(P) X 2.11(P) LG	\$998.84 C
TRANSITION SUBS		
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95 C
400-2244	TRANSITION SUB (600M / 2-3/8M API-REG)	\$639.45 C
400-2249	TRANSITION SUB (600M / 2.125F LPT)	\$607.95 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT30 (highly regulated) - 369)



CONFIDENTIAL

JT30 (highly regulated)

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSING		
908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
906-2654	3.5" Trihawk HD HSG HF / 86B / 2.38 Reg	\$3,294.20 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
4" (102 mm)	6	16	.75" (13mm)	00
4.5" (114 mm)				10
5" (127 mm)				
5.5" (140 mm)				
6" (152 mm)				
6.4" (162 mm)				
6.5" (165 mm)				

6 HOLE BITS

Barracuda Bit

400-1587	4-6/16-75-10 CUDA BIT	\$136.68 C
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Claw Bit

400-1671	4-6/16-1-10 CLAW BIT	\$211.14 C
400-1673	5-6/16-1-10 CLAW BIT	\$226.44 C

Hard Surface Bit

400-1649	4-6/16-75-10 HARD SURFACE BIT	\$87.20 C
400-1651	5-6/16-1-10 HARD SURFACE BIT	\$119.77 C
400-1655	6-6/16-1-10 HARD SURFACE BIT	\$131.58 C

Omni Bit

400-2757	4-6/16-75-10 OMNI BIT	\$360.00 C
400-2759	4.5-6/16-75-10 OMNI BIT	\$390.00 C
400-2761	5-6/16-75-10 OMNI BIT	\$450.00 C

Sand Bit

400-1657	4-6/16-75-10 SAND BIT	\$120.25 C
400-1659	5-6/16-1-10 SAND BIT	\$150.24 C

Sewer Bit

368-144	5.5-6/16-75-00 SEWER BIT	\$236.90 C
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Steep Taper Bit

400-217	4.5-6/16-75-00 STEEP BIT	\$147.85 C
400-170	4.5-6/16-75-10 STEEP BIT	\$164.80 C
369-183	5-6/16-75-00 STEEP BIT	\$169.95 C
369-466	5-6/16-75-10 STEEP BIT	\$163.89 C
369-179	6.4-6/16-75-00 STEEP BIT	\$171.02 C
369-467	6.4-6/16-75-10 STEEP BIT	\$176.53 C

Steep Taper Tuff Bit

400-122	4-6/16-75-10 ST TUFF BIT	\$400.67 C
400-124	5-6/16-75-10 ST TUFF BIT	\$494.70 C



CONFIDENTIAL

JT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1933	4.5-6/16-75-10 TORNADO	\$250.92 C
400-1935	5-6/16-75-10 TORNADO	\$270.30 C
400-1937	6.5-6/16-75-10 TORNADO BIT	\$299.55 C
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
TRIHAWK BITS		
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2426	Tirhawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2698	3.5" Trihawk Drt Bit Adapter / DW6 / M20	\$741.80 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C



CONFIDENTIAL

JT30 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
908-4269	Connector SPLKII 350 -F / 2.59-4 -M	\$487.09 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
918-2461	ADAPTER ASSM, HAWKEYE350(P) X TAB	\$417.41 C
918-3054	ADAPTER ASSM, HAWKEYE 390(P) X T	\$435.18 C
906-2585	Connector TriHawk 2.375	\$591.57 C
918-2488	COLLAR ASSM, HAWKEYE 350 REAMER	\$438.01 C
918-3088	COLLAR ASSM, HAWKEYE 390 REAMER	\$442.89 C
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$2,500.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT30 (highly regulated) - 372)

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Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

AT30 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Removed:

355-1225 POWER PIPE FLUSH 2.94 X 3.25 2.77-4 9.3'

Added:

355-1338 POWER PIPE AT 2.94 X 3.25 2.77-4 9.3'

400-2757 4-6/16-75-10 OMNI BIT

400-2759 4.5-6/16-75-10 OMNI BIT

400-2761 5-6/16-75-10 OMNI BIT



CONFIDENTIAL

AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The <i>Ditch Witch® JT30 All Terrain Jet Trac®</i> drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.		
The <i>Ditch Witch® JT30 All Terrain Jet Trac®</i> basic unit includes the following:		
<ul style="list-style-type: none"> • Cummins QSB4.5 water cooled diesel engine (148 hp gross) EPA Tier 3, EU Stage IIIA Compliant • Electrical Strike System (module and barriers) • 2 post cylinder assist stake system (without auger flighting) • Hydraulic drill pipe loader with automated controller • Rack and Pinion drill frame and carriage • Rubber tracks • Tethered ground drive control • Cold start kit • Dual batteries • Ship Kit - Includes the following: <ul style="list-style-type: none"> • Drill pipe wiper seal • Copper thread compound with brush • Tip cleaner set • Complete quick wrench set • Spray wand 		
AT30 LRC STANDARD #1		
AT30 Base Unit		
Includes: Basic Assembly, AT Gearbox Carriage Assembly Less Regulated Engine		
		Total \$257,675.34 T
TRANSLATION DECALS (Select if translation is needed)		
ISO Decal Kit		\$95.78 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION (Select one)		
Climate Control Cab T3		\$26,015.41 T
No Cab		\$3,606.00 T
GROUND DRIVE CONTROLS (Select one)		
Tether Ground		\$1,223.86 T
Remote Control		\$2,316.58 T
ANCHOR SYSTEM ACCESSORIES (Select one)		
10" Auger		\$4,134.83 T
Rock Anchor/Replaceable Bits		\$4,423.36 T



CONFIDENTIAL

AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT	(Required if not using anchor system) \$989.72 C
100-074	STRIKE MAT KIT	(Required when hand loading pipe) \$636.16 C
190-2680	UMBRELLA KIT	(Required if not ordering cab option) \$462.05 C
190-2018	JT30 PIPE BOX KIT (SHORT)	(Pipe quantity = 24) \$3,056.43 C
190-2020	AT30 PIPE BOX KIT (SHORT)	(Pipe quantity = 20) \$3,819.65 C
190-2139	JT25/JT30/AT30 LRC UPTIME KIT	\$902.70 B
190-3032	JT CONVERSION KIT (AT30)	\$1,030.46 C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 41 Gallons \$3,033.68 T

TRACKING ELECTRONICS / DrillLok™[See Subsite® Electronics Price List](#)



CONFIDENTIAL

AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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DOWNHOLE TOOLS

For nozzle placement, size and angle, reference the Downhole Tools Parts Book

DRILL PIPE

400-1491	AT30 3.25 X 2.23 P PIPE ASSEMBLY	each	\$833.55	D
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Shipped with:

Rock Pipe Accessories - Includes:

AT30 3.25 X 2.23 P PIPE ASSEMBLY

AT30 PIPE BOX KIT (TALL)

AT/JT30 STANDARD SHIP KIT

AT30 3.25" AT POWER PIPE LEAD

\$7,900.45 T

355-1338	POWER PIPE AT 2.94 X 3.25 2.77-4 9.3'	each	\$779.00	D
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Shipped with:

Flush Pipe Accessories - Includes:

POWER PIPE AT 2.94 X 3.25 2.77-4 9.3' (Includes 2 pieces of pipe)

GRIPPER PAD COBBLE

AT30 PIPE BOX KIT (TALL)

GRIPPER PAD

AT/JT30 FLUSH SHIP KIT

\$7,700.00 T

355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each	\$344.50	D
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355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each	\$387.72	D
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Both shipped with:

Pipe Accessories - Includes:

JT30 PIPE BOX KIT (TALL)

AT/JT30 STANDARD SHIP KIT

GRIPPER PAD

GRIPPER PAD

SAVERLOK AT30/2.11

\$8,646.89 T

355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each	\$379.00	D
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Shipped with:

DW Forged Accessories - Includes:

JT30 PIPE BOX KIT (TALL)

GRIPPER PAD

GRIPPER PAD

SAVERLOK AT30/2.11

AT/JT30 STANDARD SHIP KIT

\$6,613.62 T



CONFIDENTIAL

AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90	C
400-1507	E Z CONNECT 3 (2.77 - 4)	\$906.40	C
400-1067	T-SUB 27AT X 40M1 EZ CON	\$1,018.98	C
HAWKEYE™			
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33	C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91	C
Both shipped with:			
	918-2439 Collar Hawkeye 350	\$158.72	C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08	C
918-3091	STRTER ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95	C
Both shipped with:			
	918-3029 Collar Hawkeye 390	\$188.29	C
SPLINELOK®			
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67	C
908-4312	STRTR ROD ASSY, 350 SPLKII(P) X 2.11(P) LG	\$998.84	C
TRANSITION SUBS			
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95	C
400-2305	T-SUB (2.77-4M DS / 2-3/8M API-R)	\$628.95	C
369-410	TRANSITION SUB 2700T UFE AT	\$608.50	C
400-057	TRANSITION SUB 4.75 AT COBBLE	\$677.25	C
ROCK DRILLING TOOLS			
350-1254	ROCKMASTER 86	\$5,952.66	C
Shipped with:			
	191-001 ASSEMBLY TOOL KIT	\$275.60	C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34	C
		\$6,416.60	C
401-329	ROCKMASTER TOOL 86	\$5,998.72	C
Shipped with:			
	191-001 ASSEMBLY TOOL KIT	\$275.60	C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34	C
		\$6,462.66	C
401-159	3.75 ROCKMASTER TOOL SBRP	\$5,627.01	C
Shipped with:			
	191-001 ASSEMBLY TOOL KIT	\$275.60	C
	369-795 4.75" TRI-CONE WRENCH JAW (1.0" THK)	\$137.34	C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34	C
		\$6,228.29	C
400-2727	4.5 RMASTER 15T(2.77-4, M DS/2-7/8 REG, F)	\$5,952.66	C
400-2986	4.5 RMASTER 17T (2.77-4, M DS/ 2-7/8 REG)	\$5,974.00	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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(AT30 (less regulated) - 5)

Bid Term: 2/20/19 - 2/19/21



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AT30 (less regulated)

SUGGESTED PRICE LIST (F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
REBUILD TOOL KIT		
190-2717	TOOL KIT	\$453.86 C
BEACON HOUSING		
908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C
TRIHAWK		
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2698	3.5" Trihawk Drt Bit Adapter / DW6 / M20	\$741.80 C
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2426	Tirhawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
4" (102 mm)	6	16	.75" (13mm)	00
4.5" (114 mm)				10
5" (127 mm)				
5.5" (140 mm)				
6" (152 mm)				
6.4" (162 mm)				
6.5" (165 mm)				

6 HOLE BITS

Barracuda Bit

400-1587 4-6/16-75-10 CUDA BIT \$136.68 C

Claw Bit

400-1671 4-6/16-1-10 CLAW BIT \$211.14 C

400-1673 5-6/16-1-10 CLAW BIT \$226.44 C

Hard Surface Bit

400-1649 4-6/16-75-10 HARD SURFACE BIT \$87.20 C

400-1651 5-6/16-1-10 HARD SURFACE BIT \$119.77 C

400-1655 6-6/16-1-10 HARD SURFACE BIT \$131.58 C

Omni Bit

400-2757 4-6/16-75-10 OMNI BIT \$360.00 C

400-2759 4.5-6/16-75-10 OMNI BIT \$390.00 C

400-2761 5-6/16-75-10 OMNI BIT \$450.00 C

Sand Bit

400-1657 4-6/16-75-10 SAND BIT \$120.25 C

400-1659 5-6/16-1-10 SAND BIT \$150.24 C



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AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Sewer Bit		
368-144	5.5-6/16-75-00 SEWER BIT	\$236.90 C
Steep Taper Bit		
400-217	4.5-6/16-75-00 STEEP BIT	\$147.85 C
400-170	4.5-6/16-75-10 STEEP BIT	\$164.80 C
369-183	5-6/16-75-00 STEEP BIT	\$169.95 C
369-466	5-6/16-75-10 STEEP BIT	\$163.89 C
369-179	6.4-6/16-75-00 STEEP BIT	\$171.02 C
369-467	6.4-6/16-75-10 STEEP BIT	\$176.53 C
Tornado Bit		
400-1933	4.5-6/16-75-10 TORNADO	\$250.92 C
400-1935	5-6/16-75-10 TORNADO	\$270.30 C
400-1937	6.5-6/16-75-10 TORNADO BIT	\$299.55 C
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
400-122	4-6/16-75-10 ST TUFF BIT	\$400.67 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
400-124	5-6/16-75-10 ST TUFF BIT	\$494.70 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C
DRILL HEADS - ROCK		
Piranha Bit		
400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97 C
400-2981	5.5" PIRANHA BIT BLOCK 1" THK	(Option for 400-2972) \$109.46 C
Rockmaster™ Bit		
400-2421	"NS" 4.75-RMO-500 (533)	\$1,692.18 D
400-2420	"NS" 4.75-RMS-500 (517)	\$3,864.78 D
400-2317	5.5-RMO-500 (533)	\$1,833.52 D
400-2319	5.5-RMS-500 (517)	\$4,183.92 D
400-2517	5.5-RMS-600 (637)	\$4,183.92 D
400-2740	5.5-DWS-700 (IADC 727)	\$4,545.75 D
Tri-Cone Bit		
400-2314	4.75-DWO-600 (612)	\$1,309.36 D
401-349	5.5-TCI-HDS2 (517)	\$5,718.25 D
401-345	5.5-TCI-HDX40 (627)	\$6,895.85 D
400-2520	5.50-DWM-200 (211)	\$1,055.60 D

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



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AT30 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STABILIZERS		
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
908-4269	Connector SPLKII 350 -F / 2.59-4 -M	\$487.09 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
401-273	CONNECT 2.59-4F/2.77-4F DS AT	\$425.77 C
401-272	CONNECT 2.77-4M DS AT/2.59-4M	\$255.46 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
400-2766	CONNECTOR (2.77-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2767	CONNECTOR (2.77-4, M / 3-1/2 API-IF, M)	\$386.25 C
400-3049	ADAPTER (3-1/2 API-IF,F/2-7/8 API-R,M)	\$573.51 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
906-2585	Connector TriHawk 2.375	\$591.57 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
368-379	PULL SOCKET 40K SOC F/2.59-4 M	\$634.14 C
400-781	PULL CLEVI 2.77-4F DS/30K CLEV	\$299.43 C
QUICK WRENCH JAWS		
368-687	2.35" QUICK WRENCH JAW	\$145.17 C
400-004	3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34 C
368-682	3.75" QUICK WRENCH JAW (1.0" THK)	\$190.95 C
369-795	4.75" TRI-CONE WRENCH JAW (1.0" THK)	\$137.34 C
400-928	5.5" TRI-CONE WRENCH JAW (1.0" THK)	\$98.76 C
400-1119	6.65" SOFT FORMATION WRENCH JAW (1" THK)	\$87.16 C



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AT30 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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AT30 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Removed:

355-1225 POWER PIPE FLUSH 2.94 X 3.25 2.77-4 9.3'

Added:

355-1338 POWER PIPE AT 2.94 X 3.25 2.77-4 9.3'

400-2757 4-6/16-75-10 OMNI BIT

400-2759 4.5-6/16-75-10 OMNI BIT

400-2761 5-6/16-75-10 OMNI BIT



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AT30 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT30 All Terrain Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT30 All Terrain Jet Trac®* basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (160 hp gross) EPA Tier 4, EU Stage IV Compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Tethered ground drive control
- Cold start kit
- Dual batteries
- Antifreeze kit
- Telematics
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

AT30 HRC STANDARD #1

AT30 Base Unit

Includes: Basic Assembly, AT Gearbox Carriage Assembly
Highly Regulated Engine
AT30 3.25 X 2.23 P PIPE ASSEMBLY
AT30 3.25" AT POWER PIPE LEAD
No Cab
Tether Ground

Total \$285,168.97 T

AT30 HRC STANDARD #2

AT30 Base Unit

Includes: Basic Assembly, AT Gearbox Carriage Assembly
Highly Regulated Engine
AT30 3.25 X 2.23 P PIPE ASSEMBLY
AT30 3.25" AT POWER PIPE LEAD
Climate Control Cab T4
Tether Ground

Total \$310,301.69 T



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AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
AT30 HRC STANDARD #3		
	AT30 Base Unit	
	Includes: Basic Assembly, AT Gearbox Carriage Assembly	
	Highly Regulated Engine	
	AT30 3.25 X 2.23 P PIPE ASSEMBLY	
	AT30 3.25" AT POWER PIPE LEAD	
	No Cab	
	Remote Control	
	Total	\$286,261.69 T
AT30 HRC BASIC UNIT		
	AT30 Base Unit	
	Includes: Basic Assembly, AT Gearbox Carriage Assembly	
	Highly Regulated Engine	
		\$278,400.90 T
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$95.78 T
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
OPERATOR STATION (Select one)		
	Climate Control Cab T4	\$28,738.72 T
	No Cab	\$3,606.00 T
GROUND DRIVE CONTROLS (Select one)		
	Tether Ground	\$1,223.86 T
	Remote Control	\$2,316.58 T
ANCHOR SYSTEM ACCESSORIES (Select one)		
	10" Auger	\$4,134.83 T
	Rock Anchor/Replaceable Bits	\$4,423.36 T
ACCESSORIES		
149-973	SPLIT ROD WIPER 1.75" ID	\$96.14 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-2680	UMBRELLA KIT (Required if not ordering cab option)	\$462.05 C
190-2018	JT30 PIPE BOX KIT (SHORT) (Pipe quantity = 24)	\$3,056.43 C
190-2020	AT30 PIPE BOX KIT (SHORT) (Pipe quantity = 20)	\$3,819.65 C
190-2138	JT25/JT30/AT30 T4F UPTIME KIT	\$974.10 B
190-3032	JT CONVERSION KIT (AT30)	\$1,030.46 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	41 Gallons \$3,033.68 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

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AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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TRACKING ELECTRONICS / DrillLok™See [Subsite® Electronics Price List](#)**DOWNHOLE TOOLS**

For nozzle placement, size and angle, reference the Downhole Tools Parts Book

DRILL PIPE

400-1491	AT30 3.25 X 2.23 P PIPE ASSEMBLY	each	\$833.55	D
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Shipped with:

Rock Pipe Accessories - Includes:

AT30 3.25 X 2.23 P PIPE ASSEMBLY

AT30 PIPE BOX KIT (TALL)

AT/JT30 STANDARD SHIP KIT

AT30 3.25" AT POWER PIPE LEAD

\$7,900.45 T

355-1338	POWER PIPE AT 2.94 X 3.25 2.77-4 9.3'	each	\$779.00	D
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Shipped with:

Flush Pipe Accessories - Includes:

POWER PIPE AT 2.94 X 3.25 2.77-4 9.3' (Includes 2 pieces of pipe)

GRIPPER PAD COBBLE

AT30 PIPE BOX KIT (TALL)

GRIPPER PAD

AT/JT30 FLUSH SHIP KIT

\$7,700.00 T

355-1094	POWER PIPE HD UL 2.38 X 2.75 2.11-4 3M	each	\$344.50	D
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355-1111	POWER PIPE HD FM 2.38 X 2.75 2.11-4 3M	each	\$387.72	D
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Both shipped with:

Pipe Accessories - Includes:

JT30 PIPE BOX KIT (TALL)

AT/JT30 STANDARD SHIP KIT

GRIPPER PAD

GRIPPER PAD

SAVERLOK AT30/2.11

\$8,646.89 T

355-1244	DW FORGED HD 2.38 X 2.75 2.11-4 3M	each	\$379.00	D
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Shipped with:

DW Forged Accessories - Includes:

JT30 PIPE BOX KIT (TALL)

GRIPPER PAD

GRIPPER PAD

SAVERLOK AT30/2.11

AT/JT30 STANDARD SHIP KIT

\$6,613.62 T



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AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1505	E Z CONNECT 3 (2.11-4)	\$854.90 C
400-1507	E Z CONNECT 3 (2.77 - 4)	\$906.40 C
400-1067	T-SUB 27AT X 40M1 EZ CON	\$1,018.98 C
HAWKEYE™		
918-2455	STARTER ROD, HKEYE350(B) X 2.11-4(P)	\$505.33 C
918-2493	STRTR ROD ASSY, LG HAWK 350(B) X 2.11-4(	\$690.91 C
Both shipped with:		
	918-2439 Collar Hawkeye 350	\$158.72 C
918-3049	STRTR ROD ASS, HKEYE390(B) X 2.11-4(P)	\$559.08 C
918-3091	STRTER ROD ASSY, LG HAWK 390(B) X 2.11-4(	\$852.95 C
Both shipped with:		
	918-3029 Collar Hawkeye 390	\$188.29 C
SPLINELOK®		
908-4276	STRTR ROD ASSY, 350SPLII(P) X 2.11-4(P)	\$853.67 C
908-4312	STRTR ROD ASSY, 350 SPLKII(P) X 2.11(P) LG	\$998.84 C
TRANSITION SUBS		
400-2191	TRANSITION SUB 2.11 M / 2.38 M API-R	\$628.95 C
400-2305	T-SUB (2.77-4M DS / 2-3/8M API-R)	\$628.95 C
369-410	TRANSITION SUB 2700T UFE AT	\$608.50 C
400-057	TRANSITION SUB 4.75 AT COBBLE	\$677.25 C
ROCK DRILLING TOOLS		
350-1254	ROCKMASTER 86	\$5,952.66 C
Shipped with:		
	191-001 ASSEMBLY TOOL KIT	\$275.60 C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34 C
		\$6,416.60 C
401-329	ROCKMASTER TOOL 86	\$5,998.72 C
Shipped with:		
	191-001 ASSEMBLY TOOL KIT	\$275.60 C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34 C
		\$6,462.66 C
401-159	3.75 ROCKMASTER TOOL SBRP	\$5,627.01 C
Shipped with:		
	191-001 ASSEMBLY TOOL KIT	\$275.60 C
	369-795 4.75" TRI-CONE WRENCH JAW (1.0" THK)	\$137.34 C
	400-004 3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34 C
		\$6,228.29 C
400-2727	4.5 RMASTER 15T(2.77-4, M DS/2-7/8 REG, F)	\$5,952.66 C
400-2986	4.5 RMASTER 17T (2.77-4, M DS/ 2-7/8 REG)	\$5,974.00 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT30 (highly regulated) - 14)



CONFIDENTIAL

AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
REBUILD TOOL KIT		
190-2717	TOOL KIT	\$453.86 C
BEACON HOUSING		
908-4080	3.25" PWRHOUSE HD/6H-16MM/DW/2-3/8" REG	\$1,317.75 C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79 C
TRIHAWK		
906-2426	Tirhawk I / 5.12 / 3.5 HSG / 24-40K	\$3,783.97 C
906-2519	TRK III BIT/ 5.5 / 3.5 HSG / 24-40K	\$2,658.78 C
906-2530	TRK IV BIT / 5.5 / 3.5 HSG / 24-40K	\$2,500.96 C
906-2571	Trihawk V / 4.8 / 3.5 HSG / 24-40K	\$1,847.03 C
906-2697	3.5" Trihawk Drt Bit Adapter / DW6 / M16	\$608.70 C
906-2698	3.5" Trihawk Drt Bit Adapter / DW6 / M20	\$741.80 C
906-2712	REAMER ASSM, 24-40K TRIHAWK	\$913.75 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
4" (102 mm)	6	16	.75" (13mm)	00
4.5" (114 mm)				10
5" (127 mm)				
5.5" (140 mm)				
6" (152 mm)				
6.4" (162 mm)				
6.5" (165 mm)				

6 HOLE BITS

Barracuda Bit

400-1587	4-6/16-75-10 CUDA BIT	\$136.68 C
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Claw Bit

400-1671	4-6/16-1-10 CLAW BIT	\$211.14 C
400-1673	5-6/16-1-10 CLAW BIT	\$226.44 C

Hard Surface Bit

400-1649	4-6/16-75-10 HARD SURFACE BIT	\$87.20 C
400-1651	5-6/16-1-10 HARD SURFACE BIT	\$119.77 C
400-1655	6-6/16-1-10 HARD SURFACE BIT	\$131.58 C

Omni Bit

400-2757	4-6/16-75-10 OMNI BIT	\$360.00 C
400-2759	4.5-6/16-75-10 OMNI BIT	\$390.00 C
400-2761	5-6/16-75-10 OMNI BIT	\$450.00 C

Sand Bit

400-1657	4-6/16-75-10 SAND BIT	\$120.25 C
400-1659	5-6/16-1-10 SAND BIT	\$150.24 C

Sewer Bit

368-144	5.5-6/16-75-00 SEWER BIT	\$236.90 C
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AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
400-217	4.5-6/16-75-00 STEEP BIT	\$147.85 C
400-170	4.5-6/16-75-10 STEEP BIT	\$164.80 C
369-183	5-6/16-75-00 STEEP BIT	\$169.95 C
369-466	5-6/16-75-10 STEEP BIT	\$163.89 C
369-179	6.4-6/16-75-00 STEEP BIT	\$171.02 C
369-467	6.4-6/16-75-10 STEEP BIT	\$176.53 C
Tornado Bit		
400-1933	4.5-6/16-75-10 TORNADO	\$250.92 C
400-1935	5-6/16-75-10 TORNADO	\$270.30 C
400-1937	6.5-6/16-75-10 TORNADO BIT	\$299.55 C
Tuff Bit		
400-172	4.5-6/16-75-10 TUFF BIT	\$264.71 C
369-735	5-6/16-75-10 TUFF BIT	\$284.58 C
369-737	6.5-6/16-75-10 TUFF BIT	\$293.55 C
400-122	4-6/16-75-10 ST TUFF BIT	\$400.67 C
400-124	5-6/16-75-10 ST TUFF BIT	\$494.70 C
DRILLING BITS		
400-3035	RHINO ROCK BIT ASS'Y (4.6-6-16MM)	\$3,054.37 C
DRILL HEADS - ROCK		
Piranha Bit		
400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97 C
400-2981	5.5" PIRANHA BIT BLOCK 1" THK	(Option for 400-2972) \$109.46 C
Rockmaster™ Bit		
400-2421	"NS" 4.75-RMO-500 (533)	\$1,692.18 D
400-2420	"NS" 4.75-RMS-500 (517)	\$3,864.78 D
400-2317	5.5-RMO-500 (533)	\$1,833.52 D
400-2319	5.5-RMS-500 (517)	\$4,183.92 D
400-2517	5.5-RMS-600 (637)	\$4,183.92 D
400-2740	5.5-DWS-700 (IADC 727)	\$4,545.75 D
Tri-Cone Bit		
400-2314	4.75-DWO-600 (612)	\$1,309.36 D
401-349	5.5-TCI-HDS2 (517)	\$5,718.25 D
401-345	5.5-TCI-HDX40 (627)	\$6,895.85 D
400-2520	5.50-DWM-200 (211)	\$1,055.60 D

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



CONFIDENTIAL

AT30 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STABILIZERS		
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS and ADAPTERS		
908-4225	Connector 2.25-6EZ3 -F / 2.38 -M	\$267.50 C
918-3024	Connector Hawkeye 390-M / 2.38 Reg-M	\$376.83 C
908-4269	Connector SPLKII 350 -F / 2.59-4 -M	\$487.09 C
401-273	CONNECT 2.59-4F/2.77-4F DS AT	\$425.77 C
401-272	CONNECT 2.77-4M DS AT/2.59-4M	\$255.46 C
400-2570	CONNECTOR (2 3/8 M API-R/2 3/8 M API-R)	\$229.69 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
400-2766	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$479.00 C
400-2767	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$479.00 C
400-3049	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$479.00 C
908-4102	ADAPTER 2.375" API M to 350 SPLK II F	\$458.26 C
918-2407	Connector Hawkeye 350 -M / 2.38 -M	\$332.76 C
906-2585	Connector TriHawk 2.375	\$591.57 C
368-379	PULL SOCKET 40K SOC F/2.59-4 M	\$634.14 C
400-781	PULL CLEVI 2.77-4F DS/30K CLEV	\$299.43 C
QUICK WRENCH JAWS		
368-687	2.35" QUICK WRENCH JAW	\$145.17 C
400-004	3.25" QUICK WRENCH JAW (1.0" THK)	\$188.34 C
368-682	3.75" QUICK WRENCH JAW (1.0" THK)	\$190.95 C
369-795	4.75" TRI-CONE WRENCH JAW (1.0" THK)	\$137.34 C
369-795	4.75" TRI-CONE WRENCH JAW (1.0" THK)	\$137.34 C
400-928	5.5" TRI-CONE WRENCH JAW (1.0" THK)	\$98.76 C
400-1119	6.65" SOFT FORMATION WRENCH JAW (1" THK)	\$87.16 C



CONFIDENTIAL

AT30 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
400-242	BIT PULL EYE ASSEMBLY	\$98.61 C
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip With Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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JT40 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT40 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT40 Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (148 hp gross) EPA Tier 3, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 modular cylinder assist anchor system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Wireless jobsite setup/ground drive control
- Drill fluid antifreeze kit
- Operating lights
- Cold start kit
- Dual 925 amp batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Independent rear stabilizers
- Dual pivot drill frame
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT40 LRC STANDARD #1

JT40 Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit, Split Rod Wiper
 Less Regulated Engine
 Climate Control Cab
 Single Controls
 15' Drill Frame
 Rubber Track Frame
 Hydra Tong
 HD Dirt Anchor
 Pipe Accessories
 Rock Pipe Accessories Includes Saverlok and Tall Pipe Box
 No Rotation Brake
 70 GPM Mud Pump

Total \$381,255.72 T



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JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
JT40 LRC BASIC UNIT		
	JT40 Base Unit	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Split Rod Wiper Less Regulated Engine 15' Drill Frame Rubber Track Frame Hydra Tong	
		\$297,742.79 T
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$112.70 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ROTATION BRAKE (Select one)		
	Rotation Brake	\$1,855.88 T
	No Rotation Brake	\$238.61 T
OPERATOR STATION (Select one)		
	Climate Control Cab	\$31,108.00 T
	No Cab (Open Operator Station)	\$13,680.45 T
JOYSTICK OPTIONS (Select one)		
	Single Controls	\$5,620.65 T
	Dual Controls	\$5,782.25 T
ANCHOR SYSTEM (Select one)		
	HD Rock Anchor	\$15,377.25 T
	HD Dirt Anchor	\$14,740.95 T
	No Anchor System	\$37.12 T
MUD PUMP (Select one)		
	70 GPM Mud Pump	\$18,710.41 T
	110 GPM Mud Pump	\$31,633.75 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT40 (less regulated) - 393)



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JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
VESSEL SHIPMENT		
	Vessel Shipment	\$99.16 T
NOTE: Will be shipped with any basic unit shipped outside of the United States		
	110 GPM Vessel Kit	\$181.80 T

WIRELINE

190-2349	WIRE LINE PLATFORM ASSY.	(Wireline Platform)	\$1,606.80	C
190-2518	WIRE LINE CARRIAGE KIT	(Wireline Compatible)	\$13,093.70	C

ACCESSORIES

100-794	GROUNDING KIT		\$989.72	C
190-1861	HEATED HOSE KIT	(Dealer installed only)	\$767.42	C
190-2447	JT/AT40 LRC UPTIME KIT		\$1,336.20	C
190-2329	JT 15' PIPE BOX (SHORT) ASSEMBLY	(Pipe quantity = 20 Lined or Unlined Pipe) (Pipe quantity = 15 SPF Pipe 700)	\$4,410.00	C

ENVIRONMENTAL HYDRAULIC OIL

	Environmental Oil	30 Gallons	\$2,208.43	T
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TRACKING ELECTRONICSSee [Subsite® Electronics Price List](#)**DOWNHOLE TOOLS**For nozzle placement, size and angle, reference the [Downhole Tools Parts Book](#)**DRILL PIPE**

355-1211	POWER PIPE HD FM 2.81 X 3.13 2.10-4 15'	each	\$564.80	D
355-1210	POWER PIPE HD UL 2.81 X 3.13 2.10-4 15'	each	\$542.91	D
355-1130	HIWS1 PIPE 2.63 X 3.10 #700 15'	each	\$630.00	D

All shipped with:

Pipe Accessories - Includes:			\$6,734.18	T
SAVERLOK JT/2.10	(Select Lined or Unlined Pipe)			
SAVERLOK JT/#700	(Select SPF Pipe 700)			
JT 15' PIPE BOX (TALL) ASSEMBLY				



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JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2462	EZ CON ASSEMBLY (2.10-4M X 2.63-6EZM)	\$945.80 C
400-2687	EZ CON ASSEMBLY (#700M X 2.63-6EZM)	\$1,236.00 C
HAWKEYE™		
918-3074	ADAPTER ASSY, HAWKEYE 390(P)X 3.27-4(P)	\$990.11 C
918-3676	STRTR RD, HKEYE426(B)X2.1-4(P) - (JT40)	\$1,248.45 C
918-3043	STRTR RD, HKEYE390(B)X#700(P)	\$1,171.60 C
918-3654	STRTR RD, HKEYE426(B)X#700(P)	\$1,318.38 C
918-3016	HAWKEYE STARTER ROD 390 -F / #700 -F	\$430.63 C
918-3614	STARTER ROD, HAWKEYE 426 -F / #700 -F	\$694.36 C
SPLINELOK®		
908-4376	STRTR RD, 350SPLII(P)X2.1-4(P)	\$1,349.19 C
908-4279	STRTR ROD ASSY, 350 SPLK II -M / #700-F	\$910.40 C
TRANSITION SUB		
400-2466	TRANSITION SUB (2.10-4M X 2-7/8 APIRM)	\$614.25 C
400-2685	TRANSITION SUB (#700M X 2-7/8 APIRM)	\$614.25 C
400-2708	TRANSITION SUB (#700F X 2-7/8 APIRM)	\$614.25 C
BEACON HOUSING		
908-4082	3.75" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$1,631.76 C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-5270	4.25" PWRHOUSE HD/6H-5/8"/VM/2-7/8" REG	\$2,288.00 C
908-5272	4.25" PWRHOUSE HD/6H-3/4"/VM/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
CONNECTORS		
400-1417	CONNECTOR (2.63-6F EZ2 X 2.88-5M REG)	\$301.08 C
918-3006	Connector Hawkeye 390 -M / 2.88 Reg-M	\$376.83 C
918-3606	Connector Hawkeye 426-M / 2.88 Reg-M	\$395.45 C
908-4149	Connector Sub 350 SPLK II / 2.88 -M	\$459.61 C



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JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS**Barracuda Bit**

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08	C
369-504	6.4-6/20-1-10 BC	\$239.42	C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49	C
400-1911	8-6/.75-1-10 BARRACUDA BLADE	\$283.25	C
400-1915	8-6/.75-1-10 ST BARRACUDA BLADE	\$272.95	C

Claw Bit

400-1580	5-6/.62-1-10 CLAW BIT	\$278.41	C
400-1582	6-6/.62-1-10 CLAW BIT	\$292.74	C

Cuda Bit

400-1562	5-6/.62-1-10 CUDA BIT	\$227.25	C
400-1564	6-6/.62-1-10 CUDA BIT	\$233.58	C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95	C
368-982	6.4-6/20-1-00 DURABIT	\$517.46	C
368-984	7.8-6/20-1-00 DURABIT	\$507.75	C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50	C
400-1570	5-6/.62-1-10 HARD SURFACE BIT	\$145.86	C
400-1572	6-6/.62-1-10 HARD SURFACE BIT	\$233.58	C

Monster

400-1903	8-6/.75-1-10 MONSTER BLADE	\$406.85	C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00	C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00	C

Piranha Bit

400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97	C
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Sand Bit

400-1566	5-6/.62-1-10 SAND BIT	\$145.62	C
400-1568	6-6/.62-1-10 SAND BIT	\$183.14	C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53	C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80	C

Shot Gun Bit

400-1907	6-6/20-1-10 SHOT GUN BIT	\$350.20	C
400-1909	8-6/20-1-10 SHOTGUN BIT	\$442.90	C



CONFIDENTIAL

JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
400-1847	5-6/.62-1-10 STEEP TAPER BIT	\$210.12 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C
400-1849	6-6/.62-1-10 STEEP TAPER BIT	\$225.88 C
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1554	5-6/.62-1-10 TORNADO BIT	\$377.60 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1558	6-6/.62-1-10 TORNADO BIT	\$360.62 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
400-1899	8-6/.75-1-10 TORNADO BIT	\$415.36 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
400-1893	5-6/20-1-10 ST TUFF BIT	\$602.55 C
400-1881	5-6/.62-1-10 TUFF BIT	\$406.85 C
400-1887	5-6/.63-1-10 ST TUFF BIT	\$406.85 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1560	6-6/.62-1-10 TUFF BIT	\$396.08 C
400-1889	6-6/.63-1-10 ST TUFF BIT	\$515.00 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
400-1895	8-6/20-1-10 ST TUFF BIT	\$719.00 C
400-1528	8-6/.62-1-10 TUFF BIT	\$535.81 C
400-1879	8-6/.75-1-10 TUFF BIT	\$590.71 C
400-1891	8-6/.75-1-10 ST TUFF BIT	\$579.89 C
TRIHAWK		
906-5166	4.25 Tri HSG Amb 50-100K Drt Bt V 3/4X10	\$796.64 C
906-5165	HEAD ASSY, DB ADAPT 4.25 TRK VM6 5/8X11	\$796.64 C
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5383	ROLLER CONE, SINGLE 6.8	\$5,648.01 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-5027	TRIHAWK I HD, 4.75" HSG 50-100K	\$4,750.51 C

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



CONFIDENTIAL

JT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$3,000.00 A



CONFIDENTIAL

JT40 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT40 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT40 Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (160 hp gross) EPA Tier 4, EU Stage IV compliant
- Electrical Strike System (module and barriers)
- 2 modular cylinder assist anchor system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Wireless jobsite setup/ground drive control
- Drill fluid antifreeze kit
- Operating lights
- Cold start kit
- Dual 925 amp batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Independent rear stabilizers
- Dual pivot drill frame
- Telematics
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

JT40 HRC STANDARD #1

JT40 Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit, Split Rod Wiper
Highly Regulated Engine - Includes: Telematics
Climate Control Cab
Single Controls
15' Drill Frame
Rubber Track Frame
Hydra Tong
HD Dirt Anchor
Pipe Accessories
Rock Pipe Accessories Includes Saverlok and Tall Pipe Box
No Rotation Brake
70 GPM Mud Pump

Total \$407,874.27 T



CONFIDENTIAL

JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	JT40 HRC BASIC UNIT	
	JT40 Base Unit	
	Includes: Basic Assembly, Production Decal Kit, Ship Kit, Split Rod Wiper Highly Regulated Engine - Includes: Telematics 15' Drill Frame Rubber Track Frame Hydra Tong	
		\$324,361.34 T
	TRANSLATION DECALS (Select if translation is needed)	
	ISO Decal Kit	\$112.70 T
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
	ROTATION BRAKE (Select one)	
	Rotation Brake	\$1,855.88 T
	No Rotation Brake	\$238.61 T
	OPERATOR STATION (Select one)	
	Climate Control Cab	\$31,108.00 T
	No Cab (Open Operator Station)	\$13,680.45 T
	JOYSTICK OPTIONS (Select one)	
	Single Controls	\$5,620.65 T
	Dual Controls	\$5,782.25 T
	ANCHOR SYSTEM (Select one)	
	HD Rock Anchor	\$15,377.25 T
	HD Dirt Anchor	\$14,740.95 T
	No Anchor System	\$37.12 T
	MUD PUMP (Select one)	
	70 GPM Mud Pump	\$18,710.41 T
	110 GPM Mud Pump	\$31,633.75 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT40 (highly regulated) - 401)



CONFIDENTIAL

JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
VESSEL SHIPMENT		
	Vessel Shipment	\$99.16 T
NOTE: Will be shipped with any basic unit shipped outside of the United States		
	110 GPM Vessel Kit	\$181.80 T
WIRELINE		
190-2349	WIRE LINE PLATFORM ASSY. (Wireline Platform)	\$1,606.80 C
190-2518	WIRE LINE CARRIAGE KIT (Wireline Compatible)	\$13,093.70 C
ACCESSORIES		
100-794	GROUNDING KIT	\$989.72 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
190-2445	JT/AT40 HRC UPTIME KIT	\$1,422.90 C
190-2329	JT 15' PIPE BOX (SHORT) ASSEMBLY (Pipe quantity = 20 Lined or Unlined Pipe) (Pipe quantity = 15 SPF Pipe 700)	\$4,410.00 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 30 Gallons	\$2,208.43 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book.		
DRILL PIPE		
355-1211	POWER PIPE HD FM 2.81 X 3.13 2.10-4 15'	each \$564.80 D
355-1210	POWER PIPE HD UL 2.81 X 3.13 2.10-4 15'	each \$542.91 D
355-1130	HIWS1 PIPE 2.63 X 3.10 #700 15'	each \$630.00 D
All shipped with:		
	Pipe Accessories - Includes:	\$6,734.18 T
	SAVERLOK JT/2.10 (Select Lined or Unlined Pipe)	
	SAVERLOK JT/#700 (Select SPF Pipe 700)	
	JT 15' PIPE BOX (TALL) ASSEMBLY	

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT40 (highly regulated) - 402)

403

Bid Term: 2/20/19 - 2/19/21



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JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2462	EZ CON ASSEMBLY (2.10-4M X 2.63-6EZM)	\$945.80 C
400-2687	EZ CON ASSEMBLY (#700M X 2.63-6EZM)	\$1,236.00 C
HAWKEYE™		
918-3074	ADAPTER ASSY, HAWKEYE 390(P)X 3.27-4(P)	\$990.11 C
918-3676	STRTR RD, HKEYE426(B)X2.1-4(P) - (JT40)	\$1,248.45 C
918-3043	STRTR RD, HKEYE390(B)X#700(P)	\$1,171.60 C
918-3654	STRTR RD, HKEYE426(B)X#700(P)	\$1,318.38 C
918-3016	HAWKEYE STARTER ROD 390 -F / #700 -F	\$430.63 C
918-3614	STARTER ROD, HAWKEYE 426 -F / #700 -F	\$694.36 C
SPLINELOK®		
908-4376	STRTR RD, 350SPLII(P)X2.1-4(P)	\$1,349.19 C
908-4279	STRTR ROD ASSY, 350 SPLK II -M / #700-F	\$910.40 C
TRANSITION SUB		
400-2466	TRANSITION SUB (2.10-4M X 2-7/8 APIRM)	\$614.25 C
400-2685	TRANSITION SUB (#700M X 2-7/8 APIRM)	\$614.25 C
400-2708	TRANSITION SUB (#700F X 2-7/8 APIRM)	\$614.25 C
BEACON HOUSING		
908-4082	3.75" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$1,631.76 C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-5270	4.25" PWRHOUSE HD/6H-5/8"/VM/2-7/8" REG	\$2,288.00 C
908-5272	4.25" PWRHOUSE HD/6H-3/4"/VM/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
CONNECTORS		
400-1417	CONNECTOR (2.63-6F EZ2 X 2.88-5M REG)	\$301.08 C
918-3006	Connector Hawkeye 390 -M / 2.88 Reg-M	\$376.83 C
918-3606	Connector Hawkeye 426-M / 2.88 Reg-M	\$395.45 C
908-4149	Connector Sub 350 SPLK II / 2.88 -M	\$459.61 C



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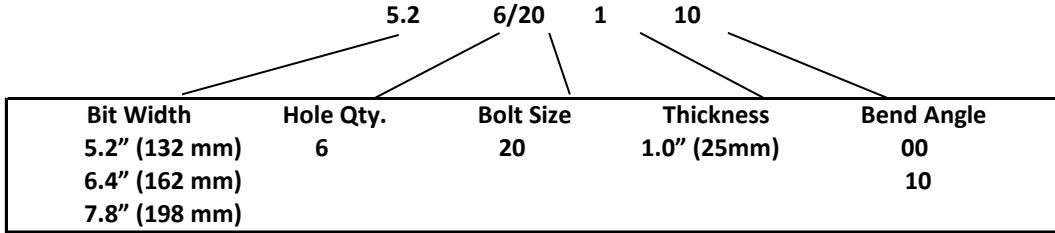
JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO. DESCRIPTION MSRP (USD)

DRILL BITS



6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08	C
369-504	6.4-6/20-1-10 BC	\$239.42	C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49	C
400-1911	8-6/.75-1-10 BARRACUDA BLADE	\$283.25	C
400-1915	8-6/.75-1-10 ST BARRACUDA BLADE	\$272.95	C

Claw Bit

400-1580	5-6/.62-1-10 CLAW BIT	\$278.41	C
400-1582	6-6/.62-1-10 CLAW BIT	\$292.74	C

Cuda Bit

400-1562	5-6/.62-1-10 CUDA BIT	\$227.25	C
400-1564	6-6/.62-1-10 CUDA BIT	\$233.58	C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95	C
368-982	6.4-6/20-1-00 DURABIT	\$517.46	C
368-984	7.8-6/20-1-00 DURABIT	\$507.75	C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50	C
400-1570	5-6/.62-1-10 HARD SURFACE BIT	\$145.86	C
400-1572	6-6/.62-1-10 HARD SURFACE BIT	\$233.58	C

Monster

400-1903	8-6/.75-1-10 MONSTER BLADE	\$406.85	C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00	C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00	C

Piranha Bit

400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97	C
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Sand Bit

400-1566	5-6/.62-1-10 SAND BIT	\$145.62	C
400-1568	6-6/.62-1-10 SAND BIT	\$183.14	C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53	C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80	C

Shot Gun Bit

400-1907	6-6/20-1-10 SHOT GUN BIT	\$350.20	C
400-1909	8-6/20-1-10 SHOTGUN BIT	\$442.90	C



CONFIDENTIAL

JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
400-1847	5-6/.62-1-10 STEEP TAPER BIT	\$210.12 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C
400-1849	6-6/.62-1-10 STEEP TAPER BIT	\$225.88 C
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1554	5-6/.62-1-10 TORNADO BIT	\$377.60 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1558	6-6/.62-1-10 TORNADO BIT	\$360.62 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
400-1899	8-6/.75-1-10 TORNADO BIT	\$415.36 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
400-1893	5-6/20-1-10 ST TUFF BIT	\$602.55 C
400-1881	5-6/.62-1-10 TUFF BIT	\$406.85 C
400-1887	5-6/.63-1-10 ST TUFF BIT	\$406.85 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1560	6-6/.62-1-10 TUFF BIT	\$396.08 C
400-1889	6-6/.63-1-10 ST TUFF BIT	\$515.00 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
400-1895	8-6/20-1-10 ST TUFF BIT	\$719.00 C
400-1528	8-6/.62-1-10 TUFF BIT	\$535.81 C
400-1879	8-6/.75-1-10 TUFF BIT	\$590.71 C
400-1891	8-6/.75-1-10 ST TUFF BIT	\$579.89 C
TRIHAWK		
906-5166	4.25 Tri HSG Amb 50-100K Drt Bt V 3/4X10	\$796.64 C
906-5165	HEAD ASSY, DB ADAPT 4.25 TRK VM6 5/8X11	\$796.64 C
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5383	ROLLER CONE, SINGLE 6.8	\$5,648.01 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-5027	TRIHAWK I HD, 4.75" HSG 50-100K	\$4,750.51 C

BACKREAMERS[Select Backreamers from Backreamers Price List](#)**BACKREAMER SWIVELS and TABS**[Select Swivels and Tabs from Swivels and Tabs Price List](#)



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JT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$3,000.00 A



CONFIDENTIAL

AT40 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

AT40 (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT40 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT40 All Terrain Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (148 hp gross) EPA Tier 3, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 modular cylinder assist anchor system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Wireless jobsite setup/ground drive control
- Drill fluid antifreeze kit
- Operating lights
- Cold start kit
- Dual 925 amp batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Independent rear stabilizers
- Dual pivot drill frame
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

AT40 LRC STANDARD #1

AT40 Base Unit

Includes: Basic Assembly, Ship Kit, Jaw Assembly, Saverlok
 Less Regulated Engine
 Climate Control Cab
 Single Controls
 15' Drill Frame
 Rubber Track Frame
 Hydra Tong
 70 GPM Mud Pump
 HD Rock Anchor
 Rock Pipe Accessories Includes Split Rod Wiper and Tall Pipe Box

Total \$416,803.15 T**AT40 LRC BASIC UNIT**

AT40 Base Unit

Includes: Basic Assembly, Ship Kit, Jaw Assembly, Saverlok
 Less Regulated Engine
 15' Drill Frame
 Rubber Track Frame
 Hydra Tong

\$338,577.22 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (less regulated) - 408)



CONFIDENTIAL

AT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$112.70 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
OPERATOR STATION (Select one)		
	Climate Control Cab	\$31,570.00 T
	No Cab (Open Operator Station)	\$13,883.63 T
JOYSTICK OPTIONS (Select one)		
	Single Controls	\$5,704.13 T
	Dual Controls	\$6,124.38 T
ANCHOR SYSTEM (Select one)		
	HD Rock Anchor	\$15,605.63 T
	HD Dirt Anchor	\$14,959.88 T
	No Anchor System	\$37.67 T
MUD PUMP (Select one)		
	70 GPM Mud Pump	\$18,986.04 T
	110 GPM Mud Pump	\$32,096.88 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
NOTE: Sold in One Year Increments		
VESSEL SHIPMENT		
	Vessel Shipment	\$100.63 T
NOTE: Will be shipped with any basic unit shipped outside of the United States		



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AT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WIRES		
190-2349	WIRE LINE PLATFORM ASSY. (Wireline Platform)	\$1,606.80 C
ACCESSORIES		
100-794	GROUNDING KIT	\$989.72 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
190-2447	JT/AT40 LRC UPTIME KIT	\$1,336.20 C
190-2715	JT CONVERSION KIT	\$1,231.24 C
190-2348	AT 15' PIPE BOX (SHORT) ASSEMBLY (Pipe quantity = 12 AT Pipe)	\$4,830.00 C
190-2329	JT 15' PIPE BOX (SHORT) ASSEMBLY (Pipe quantity = 20 Lined or Unlined Pipe) (Pipe quantity = 15 SPF Pipe 700)	\$4,410.00 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 30 Gallons	\$2,208.43 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		

DOWNHOLE TOOLS

For nozzle placement, size and angle, reference the Downhole Tools Parts Book

DRILL PIPE

355-1195	POWER PIPE AT 3.06 X 3.75 2.95-4 15'	each	\$1,173.00 D
	Shipped with:		
	Rock Pipe Accessories - Includes:		\$6,360.13 T
	AT 15' PIPE BOX (TALL) ASSEMBLY		
	SPLIT ROD WIPER 2.375" ID		
355-1211	POWER PIPE HD FM 2.81 X 3.13 2.10-4 15'	each	\$564.80 D
355-1210	POWER PIPE HD UL 2.81 X 3.13 2.10-4 15'	each	\$542.91 D
355-1130	HIWS1 PIPE 2.63 X 3.10 #700 15'	each	\$630.00 D
	All shipped with:		
	Dirt Pipe Accessories - Includes:		\$6,834.19 T
	SAVERLOK JT/2.10		
	SAVERLOK JT/#700		
	JT 15' PIPE BOX (TALL) ASSEMBLY		
	PIPE GUIDE (3.50")		
	SPLIT ROD WIPER 2.125" ID		
	SPLIT ROD WIPER 1.75" ID		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (less regulated) - 410)



CONFIDENTIAL

AT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2462	EZ CON ASSEMBLY (2.10-4M X 2.63-6EZM)	\$945.80 C
400-2687	EZ CON ASSEMBLY (#700M X 2.63-6EZM)	\$1,236.00 C
400-2464	2.95-4M/2.85-6M EZ CONNECT	\$1,443.53 C
HAWKEYE™		
918-3074	ADAPTER ASSY, HAWKEYE 390(P)X 3.27-4(P)	\$990.11 C
918-3676	STRTR RD, HKEYE426(B)X2.1-4(P) - (JT40)	\$1,248.45 C
918-3043	STRTR RD, HKEYE390(B)X#700(P)	\$1,171.60 C
918-3654	STRTR RD, HKEYE426(B)X#700(P)	\$1,318.38 C
SPLINELOK®		
908-4376	STRTR RD, 350SPLII(P)X2.1-4(P)	\$1,349.19 C
TRANSITION SUB		
400-2466	TRANSITION SUB (2.10-4M X 2-7/8 APIRM)	\$614.25 C
400-2685	TRANSITION SUB (#700M X 2-7/8 APIRM)	\$614.25 C
400-2709	TRANSITION SUB (2.95-4M X 2.59-4M)	\$757.94 C
400-2465	TRANSITION SUB (2.95-4M X 2-7/8 APIRM)	\$790.26 C
400-2710	TRANSITION SUB (2.95-4M X 3.27-4M)	\$850.13 C
400-2684	TRANSITION SUB (2.95-4M X 3-1/2 API IF M)	\$1,028.36 C
400-3077	AT T-SUB ASSY (2.95-4 M X 3.25-4 F)	\$1,642.28 C
BEACON HOUSING		
908-4082	3.75" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$1,631.76 C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-5270	4.25" PWRHOUSE HD/6H-5/8"/VM/2-7/8" REG	\$2,288.00 C
908-5272	4.25" PWRHOUSE HD/6H-3/4"/VM/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
400-2460	ROCKMASTER HSG (2-DEG, 2.95-4M/2-7/8RF)	\$7,627.15 C
400-2630	ROCKMASTER HSG (2.5DEG, 2.95-4M/3-1/2RF)	\$7,861.99 C
CONNECTORS		
400-1417	CONNECTOR (2.63-6F EZ2 X 2.88-5M REG)	\$301.08 C
908-4149	Connector Sub 350 SPLK II / 2.88 -M	\$459.61 C
400-094	CONNECTOR 2.63-6F EZ2 /2.59-4M	\$290.36 C
400-091	CONNECTOR 2.63-6F EZ2/3.27-4M	\$509.50 C
918-3006	Connector Hawkeye 390 -M / 2.88 Reg-M	\$376.83 C
918-3606	Connector Hawkeye 426-M / 2.88 Reg-M	\$395.45 C



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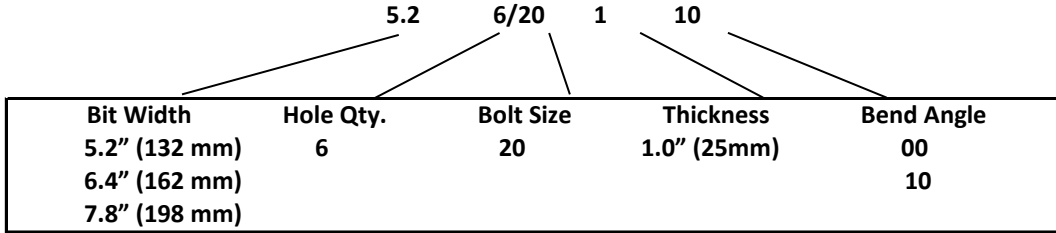
AT40 (less regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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DRILL BITS



6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08	C
369-504	6.4-6/20-1-10 BC	\$239.42	C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49	C
400-1911	8-6/.75-1-10 BARRACUDA BLADE	\$283.25	C
400-1915	8-6/.75-1-10 ST BARRACUDA BLADE	\$272.95	C

Claw Bit

400-1580	5-6/.62-1-10 CLAW BIT	\$278.41	C
400-1582	6-6/.62-1-10 CLAW BIT	\$292.74	C

Cuda Bit

400-1562	5-6/.62-1-10 CUDA BIT	\$227.25	C
400-1564	6-6/.62-1-10 CUDA BIT	\$233.58	C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95	C
368-982	6.4-6/20-1-00 DURABIT	\$517.46	C
368-984	7.8-6/20-1-00 DURABIT	\$507.75	C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50	C
400-1570	5-6/.62-1-10 HARD SURFACE BIT	\$145.86	C
400-1572	6-6/.62-1-10 HARD SURFACE BIT	\$233.58	C

Monster

400-1903	8-6/.75-1-10 MONSTER BLADE	\$406.85	C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00	C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00	C

Sand Bit

400-1566	5-6/.62-1-10 SAND BIT	\$145.62	C
400-1568	6-6/.62-1-10 SAND BIT	\$183.14	C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53	C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80	C

Shot Gun Bit

400-1907	6-6/20-1-10 SHOT GUN BIT	\$350.20	C
400-1909	8-6/20-1-10 SHOTGUN BIT	\$442.90	C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29	C
400-1847	5-6/.62-1-10 STEEP TAPER BIT	\$210.12	C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29	C
400-1849	6-6/.62-1-10 STEEP TAPER BIT	\$225.88	C



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AT40 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1554	5-6/.62-1-10 TORNADO BIT	\$377.60 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1558	6-6/.62-1-10 TORNADO BIT	\$360.62 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
400-1899	8-6/.75-1-10 TORNADO BIT	\$415.36 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
400-1893	5-6/20-1-10 ST TUFF BIT	\$602.55 C
400-1881	5-6/.62-1-10 TUFF BIT	\$406.85 C
400-1887	5-6/.63-1-10 ST TUFF BIT	\$406.85 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1560	6-6/.62-1-10 TUFF BIT	\$396.08 C
400-1889	6-6/.63-1-10 ST TUFF BIT	\$515.00 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
400-1895	8-6/20-1-10 ST TUFF BIT	\$719.00 C
400-1528	8-6/.62-1-10 TUFF BIT	\$535.81 C
400-1879	8-6/.75-1-10 TUFF BIT	\$590.71 C
400-1891	8-6/.75-1-10 ST TUFF BIT	\$579.89 C
DRILL HEADS - ROCK		
Piranha Bit		
400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97 C
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C
Rockmaster™ Bit		
400-2317	5.5-RMO-500 (533)	\$1,833.52 D
400-2319	5.5-RMS-500 (517)	\$4,183.92 D
400-2517	5.5-RMS-600 (637)	\$4,183.92 D
400-2740	5.5-DWS-700 (IADC 727)	\$4,545.75 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
400-2516	6.5-RMS-600 (637)	\$4,712.24 D
400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
Tri-Cone Bit		
400-2520	5.50-DWM-200 (211)	\$1,055.60 D
400-2315	5.625-DWM-200 (211)	\$1,232.40 D
400-2316	5.625-DWO-500 (612)	\$1,861.60 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D



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AT40 (less regulated)

SUGGESTED PRICE LIST**(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
TRIHAWK		
906-5166	4.25 Tri HSG Amb 50-100K Drt Bt V 3/4X10	\$796.64 C
906-5165	HEAD ASSY, DB ADAPT 4.25 TRK VM6 5/8X11	\$796.64 C
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5383	ROLLER CONE, SINGLE 6.8	\$5,648.01 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-5027	TRIHAWK I HD, 4.75" HSG 50-100K	\$4,750.51 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS AND ADAPTERS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2768	CONNECTOR (2.95-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2769	CONNECTOR (2.95-4, M / 3-1/2 API-IF, M)	\$386.25 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
QUICK WRENCH JAWS		
400-2982	5.5" TRICONE BIT BLOCK HYDRATONG	\$441.89 C
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C



CONFIDENTIAL

AT40 (less regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$3,000.00 A



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AT40 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



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AT40 (highly regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT40 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT40 All Terrain Jet Trac®** basic unit includes the following:

- Cummins QSB4.5 water cooled diesel engine (160 hp gross) EPA Tier 4, EU Stage IV compliant
- Electrical Strike System (module and barriers)
- 2 modular cylinder assist anchor system
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- Wireless jobsite setup/ground drive control
- Drill fluid antifreeze kit
- Operating lights
- Cold start kit
- Dual 925 amp batteries
- Compatible with Ditch Witch® drill pipe or Single Piece Forged drill pipe
- Independent rear stabilizers
- Dual pivot drill frame
- Telematics
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Complete quick wrench set
 - Spray wand

AT40 HRC STANDARD #1

AT40 Base Unit

Includes: Basic Assembly, Ship Kit, Jaw Assembly, Saverlok
Highly Regulated Engine - Includes: Telematics
Climate Control Cab
Single Controls
15' Drill Frame
Rubber Track Frame
Hydra Tong
70 GPM Mud Pump
HD Rock Anchor
Rock Pipe Accessories Includes Split Rod Wiper and Tall Pipe Box

Total \$443,817.03 T



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AT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
	AT40 HRC BASIC UNIT	
	AT40 Base Unit	
	Includes: Basic Assembly, Ship Kit, Jaw Assembly, Saverlok Highly Regulated Engine - Includes: Telematics 15' Drill Frame Rubber Track Frame Hydra Tong	
		\$365,591.10 T
	TRANSLATION DECALS (Select if translation is needed)	
	ISO Decal Kit	\$112.70 T
	NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States	
	OPERATOR STATION (Select one)	
	Climate Control Cab	\$31,570.00 T
	No Cab (Open Operator Station)	\$13,883.63 T
	JOYSTICK OPTIONS (Select one)	
	Single Controls	\$5,704.13 T
	Dual Controls	\$6,124.38 T
	ANCHOR SYSTEM (Select one)	
	HD Rock Anchor	\$15,605.63 T
	HD Dirt Anchor	\$14,959.88 T
	No Anchor System	\$37.67 T
	MUD PUMP (Select one)	
	70 GPM Mud Pump	\$18,986.04 T
	110 GPM Mud Pump	\$32,096.88 T
	ORANGE INTEL™ OPTIONS (Select one)	
350-5370	GPS ONLY FOR TELEMATICS READY	\$545.90 D
350-5372	TELEMATICS	\$1,235.02 D
	NOTE: Equipment Registration Activates GPS and Telematics Boxes	
	ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)	
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
240-1117	1 Year Data Service Plan Telematics	\$359.40 A
	NOTE: Sold in One Year Increments	
	VESSEL SHIPMENT	
	Vessel Shipment	\$100.63 T
	NOTE: Will be shipped with any basic unit shipped outside of the United States	

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (highly regulated) - 418)



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AT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WIRES		
190-2349	WIRE LINE PLATFORM ASSY. (Wireline Platform)	\$1,606.80 C
ACCESSORIES		
100-794	GROUNDING KIT	\$989.72 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
190-2445	JT/AT40 HRC UPTIME KIT	\$1,422.90 C
190-2715	JT CONVERSION KIT	\$1,231.24 C
190-2348	AT 15' PIPE BOX (SHORT) ASSEMBLY (Pipe quantity = 12 AT Pipe)	\$4,830.00 C
190-2329	JT 15' PIPE BOX (SHORT) ASSEMBLY (Pipe quantity = 20 Lined or Unlined Pipe) (Pipe quantity = 15 SPF Pipe 700)	\$4,410.00 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 30 Gallons	\$2,208.43 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		

DOWNHOLE TOOLS

For nozzle placement, size and angle, reference the Downhole Tools Parts Book

DRILL PIPE

355-1195	POWER PIPE AT 3.06 X 3.75 2.95-4 15'	each	\$1,173.00 D
	Shipped with:		
	Rock Pipe Accessories - Includes:		\$6,360.13 T
	AT 15' PIPE BOX (TALL) ASSEMBLY		
	SPLIT ROD WIPER 2.375" ID		
355-1211	POWER PIPE HD FM 2.81 X 3.13 2.10-4 15'	each	\$564.80 D
355-1210	POWER PIPE HD UL 2.81 X 3.13 2.10-4 15'	each	\$542.91 D
355-1130	HIWS1 PIPE 2.63 X 3.10 #700 15'	each	\$630.00 D
	All shipped with:		
	Dirt Pipe Accessories - Includes:		\$6,834.19 T
	SAVERLOK JT/2.10		
	SAVERLOK JT/#700		
	JT 15' PIPE BOX (TALL) ASSEMBLY		
	PIPE GUIDE (3.50")		
	SPLIT ROD WIPER 2.125" ID		
	SPLIT ROD WIPER 1.75" ID		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (highly regulated) - 419)



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AT40 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2462	EZ CON ASSEMBLY (2.10-4M X 2.63-6EZM)	\$945.80 C
400-2687	EZ CON ASSEMBLY (#700M X 2.63-6EZM)	\$1,236.00 C
400-2464	2.95-4M/2.85-6M EZ CONNECT	\$1,443.53 C
HAWKEYE™		
918-3074	ADAPTER ASSY, HAWKEYE 390(P)X 3.27-4(P)	\$990.11 C
918-3676	STRTR RD, HKEYE426(B)X2.1-4(P) - (JT40)	\$1,248.45 C
918-3043	STRTR RD, HKEYE390(B)X#700(P)	\$1,171.60 C
918-3654	STRTR RD, HKEYE426(B)X#700(P)	\$1,318.38 C
SPLINELOK®		
908-4376	STRTR RD, 350SPLII(P)X2.1-4(P)	\$1,349.19 C
TRANSITION SUB		
400-2466	TRANSITION SUB (2.10-4M X 2-7/8 APIRM)	\$614.25 C
400-2685	TRANSITION SUB (#700M X 2-7/8 APIRM)	\$614.25 C
400-2709	TRANSITION SUB (2.95-4M X 2.59-4M)	\$757.94 C
400-2465	TRANSITION SUB (2.95-4M X 2-7/8 APIRM)	\$790.26 C
400-2710	TRANSITION SUB (2.95-4M X 3.27-4M)	\$850.13 C
400-2684	TRANSITION SUB (2.95-4M X 3-1/2 API IF M)	\$1,028.36 C
400-3077	AT T-SUB ASSY (2.95-4 M X 3.25-4 F)	\$1,642.28 C
BEACON HOUSING		
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-4082	3.75" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$1,631.76 C
908-5270	4.25" PWRHOUSE HD/6H-5/8"/VM/2-7/8" REG	\$2,288.00 C
908-5272	4.25" PWRHOUSE HD/6H-3/4"/VM/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
400-2460	ROCKMASTER HSG (2-DEG, 2.95-4M/2-7/8RF)	\$7,627.15 C
400-2630	ROCKMASTER HSG (2.5DEG, 2.95-4M/3-1/2RF)	\$7,861.99 C
CONNECTORS		
400-1417	CONNECTOR (2.63-6F EZ2 X 2.88-5M REG)	\$301.08 C
918-3006	Connector Hawkeye 390 -M / 2.88 Reg-M	\$376.83 C
918-3606	Connector Hawkeye 426-M / 2.88 Reg-M	\$395.45 C
908-4149	Connector Sub 350 SPLK II / 2.88 -M	\$459.61 C
400-094	CONNECTOR 2.63-6F EZ2 /2.59-4M	\$290.36 C
400-091	CONNECTOR 2.63-6F EZ2/3.27-4M	\$509.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (highly regulated) - 420)



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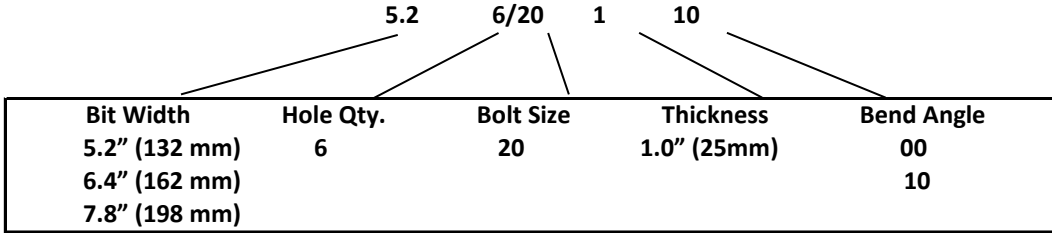
AT40 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO. DESCRIPTION MSRP (USD)

DRILL BITS



6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08	C
369-504	6.4-6/20-1-10 BC	\$239.42	C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49	C
400-1911	8-6/.75-1-10 BARRACUDA BLADE	\$283.25	C
400-1915	8-6/.75-1-10 ST BARRACUDA BLADE	\$272.95	C

Claw Bit

400-1580	5-6/.62-1-10 CLAW BIT	\$278.41	C
400-1582	6-6/.62-1-10 CLAW BIT	\$292.74	C

Cuda Bit

400-1562	5-6/.62-1-10 CUDA BIT	\$227.25	C
400-1564	6-6/.62-1-10 CUDA BIT	\$233.58	C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95	C
368-982	6.4-6/20-1-00 DURABIT	\$517.46	C
368-984	7.8-6/20-1-00 DURABIT	\$507.75	C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50	C
400-1570	5-6/.62-1-10 HARD SURFACE BIT	\$145.86	C
400-1572	6-6/.62-1-10 HARD SURFACE BIT	\$233.58	C

Monster

400-1903	8-6/.75-1-10 MONSTER BLADE	\$406.85	C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00	C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00	C

Sand Bit

400-1566	5-6/.62-1-10 SAND BIT	\$145.62	C
400-1568	6-6/.62-1-10 SAND BIT	\$183.14	C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53	C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80	C

Shot Gun Bit

400-1907	6-6/20-1-10 SHOT GUN BIT	\$350.20	C
400-1909	8-6/20-1-10 SHOTGUN BIT	\$442.90	C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29	C
400-1847	5-6/.62-1-10 STEEP TAPER BIT	\$210.12	C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29	C
400-1849	6-6/.62-1-10 STEEP TAPER BIT	\$225.88	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (highly regulated) - 421)



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AT40 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1554	5-6/.62-1-10 TORNADO BIT	\$377.60 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1558	6-6/.62-1-10 TORNADO BIT	\$360.62 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
400-1899	8-6/.75-1-10 TORNADO BIT	\$415.36 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
400-1893	5-6/20-1-10 ST TUFF BIT	\$602.55 C
400-1881	5-6/.62-1-10 TUFF BIT	\$406.85 C
400-1887	5-6/.63-1-10 ST TUFF BIT	\$406.85 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1560	6-6/.62-1-10 TUFF BIT	\$396.08 C
400-1889	6-6/.63-1-10 ST TUFF BIT	\$515.00 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
400-1895	8-6/20-1-10 ST TUFF BIT	\$719.00 C
400-1528	8-6/.62-1-10 TUFF BIT	\$535.81 C
400-1879	8-6/.75-1-10 TUFF BIT	\$590.71 C
400-1891	8-6/.75-1-10 ST TUFF BIT	\$579.89 C
DRILL HEADS - ROCK		
Rockmaster™ Bit		
400-2317	5.5-RMO-500 (533)	\$1,833.52 D
400-2319	5.5-RMS-500 (517)	\$4,183.92 D
400-2517	5.5-RMS-600 (637)	\$4,183.92 D
400-2740	5.5-DWS-700 (IADC 727)	\$4,545.75 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
400-2516	6.5-RMS-600 (637)	\$4,712.24 D
400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
Tri-Cone Bit		
400-2520	5.50-DWM-200 (211)	\$1,055.60 D
400-2315	5.625-DWM-200 (211)	\$1,232.40 D
400-2316	5.625-DWO-500 (612)	\$1,861.60 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
Piranha Bit		
400-2972	5-1/2" PIRANHA BIT (2-7/8" API-REG)	\$925.97 C
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT40 (highly regulated) - 422)



CONFIDENTIAL

AT40 (highly regulated)

SUGGESTED PRICE LIST**(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
TRIHAWK		
906-5166	4.25 Tri HSG Amb 50-100K Drt Bt V 3/4X10	\$796.64 C
906-5165	HEAD ASSY, DB ADAPT 4.25 TRK VM6 5/8X11	\$796.64 C
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5383	ROLLER CONE, SINGLE 6.8	\$5,648.01 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-5027	TRIHAWK I HD, 4.75" HSG 50-100K	\$4,750.51 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS AND ADAPTERS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2768	CONNECTOR (2.95-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2769	CONNECTOR (2.95-4, M / 3-1/2 API-IF, M)	\$386.25 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
QUICK WRENCH JAWS		
400-2982	5.5" TRICONE BIT BLOCK HYDRATONG	\$441.89 C
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C



CONFIDENTIAL

AT40 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$3,000.00 A



CONFIDENTIAL

JT60 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT60 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT60 Jet Trac®** basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (190 hp gross) EPA Tier 3, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- 150 gpm fluid pump
- Dual batteries
- Antifreeze kit
- Cab w/ AC and Heater
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Spray wand

JT60 LRC STANDARD #1

JT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
Less Regulated Engine
Dirt Pipe Accessories

Total \$443,770.44 T

JT60 LRC BASIC UNIT

JT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
Less Regulated Engine

\$437,332.58 T

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$69.18 T

ISO Decal Kit

\$134.79 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

JT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ANCHOR SYSTEM (Select Standard or Rock)		
Standard –		
	10" Auger	\$4,094.69 T
	Shipped with: ANCHOR SHAFT CENTERING CAP ANCHOR END, AUGER, 10"	
Rock –		
	Rock Anchor/Replaceable Bits	\$4,380.41 T
	Shipped with: ANCHOR SHAFT CENTERING CAP ROCK BIT ASSEMBLY	
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
157-196	SPLIT ROD WIPER 3.25" ID	\$230.52 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
190-2226	JT PIPE BOX (SHORT) (Pipe quantity = 16)	\$4,323.60 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	55 Gallons \$4,048.79 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		



CONFIDENTIAL

JT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1100	POWER PIPE HD FM 3.06 X 3.50 2.46-4 15'	each \$710.00 D
355-1079	POWER PIPE HD UL 3.06 X 3.50 2.46-4 15'	each \$645.00 D
Both shipped with:		
	Dirt Pipe Accessories - Includes:	\$6,437.86 T
	SAVERLOK JT60/2.46	
	JT PIPE BOX (TALL)	
355-1132	HIWS1 PIPE 2.88 X 3.25 #900 15'	each \$657.00 D
Shipped with:		
	SPF #900 HUNTING - Includes:	\$6,451.52 T
	SAVERLOK JT60/(#900)	
	JT PIPE BOX (TALL)	
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2393	2.46-4M/2.85-6M EZ CONNECT	\$1,478.94 C
400-2522	#900M/2.85-6M EZ CONNECT	\$1,478.94 C
TRANSITION SUB		
400-2269	TRANSITION SUB (2.46-4M / 2-7/8M REG)	\$919.12 C
400-2272	TRANSITION SUB (900M / 2-7/8 M REG)	\$919.12 C
BEACON HOUSING		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
TRIHAWK		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C



CONFIDENTIAL

JT60 (less regulated)

SUGGESTED PRICE LIST (F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08	C
369-504	6.4-6/20-1-10 BC	\$239.42	C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49	C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95	C
368-982	6.4-6/20-1-00 DURABIT	\$517.46	C
368-984	7.8-6/20-1-00 DURABIT	\$507.75	C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50	C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00	C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00	C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53	C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80	C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29	C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29	C

Tornado Bit

400-1939	5-6/20-1-10 TORNADO BIT	\$360.62	C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98	C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50	C

Tuff Bit

369-739	5-6/20-1-10 TUFF BIT	\$288.40	C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96	C
369-743	8-6/20-1-10 TUFF BIT	\$350.20	C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48	C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70	C

BACKREAMERS

Select Backreamers from Backreamers Price List

BACKREAMER SWIVELS and TABS

Select Swivels and Tabs from Swivels and Tabs Price List



CONFIDENTIAL

JT60 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C
CONNECTORS and ADAPTERS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2571	CONNECTOR (2 7/8 M API-R/2 7/8 M API-R)	\$332.18 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$3,000.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

431

(JT60 (less regulated) - 430)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT60 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT60 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT60 Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT60 Jet Trac®* basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (200 hp gross) EPA Tier 4, EU Stage IV compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- 150 gpm fluid pump
- Dual batteries
- Antifreeze kit
- Cab w/ AC and Heater
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Spray wand

JT60 HRC STANDARD #1

JT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
 Highly Regulated Engine
 Dirt Pipe Accessories

Total \$476,924.00 T

JT60 HRC BASIC UNIT

JT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
 Highly Regulated Engine

\$470,486.14 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$134.79 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

JT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ANCHOR SYSTEM (Select Standard or Rock)		
Standard –		
	10" Auger	\$4,094.69 T
	Shipped with: ANCHOR SHAFT CENTERING CAP ANCHOR END, AUGER, 10"	
Rock –		
	Rock Anchor/Replaceable Bits	\$4,380.41 T
	Shipped with: ANCHOR SHAFT CENTERING CAP ROCK BIT ASSEMBLY	

ACCESSORIES

157-196	SPLIT ROD WIPER 3.25" ID		\$230.52	C
100-794	GROUNDING KIT	(Required if not using anchor system)	\$989.72	C
100-074	STRIKE MAT KIT	(Required when hand loading pipe)	\$636.16	C
190-1861	HEATED HOSE KIT	(Dealer installed only)	\$767.42	C
190-2226	JT PIPE BOX (SHORT)	(Pipe quantity = 16)	\$4,323.60	C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	55 Gallons	\$4,048.79	T
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TRACKING ELECTRONICSSee [Subsite® Electronics Price List](#)**DOWNHOLE TOOLS**For nozzle placement, size and angle, reference the [Downhole Tools Parts Book](#)**DRILL PIPE**

355-1100	POWER PIPE HD FM 3.06 X 3.50 2.46-4 15'	each	\$710.00	D
355-1079	POWER PIPE HD UL 3.06 X 3.50 2.46-4 15'	each	\$645.00	D
Both shipped with:				
	Dirt Pipe Accessories - Includes:		\$6,437.86	T
	SAVERLOK JT60/2.46 JT PIPE BOX (TALL)			
355-1132	HIWS1 PIPE 2.88 X 3.25 #900 15'	each	\$657.00	D
Shipped with:				
	SPF #900 HUNTING - Includes:		\$6,451.52	T
	SAVERLOK JT60/(#900) JT PIPE BOX (TALL)			

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT60 (highly regulated) - 433)



CONFIDENTIAL

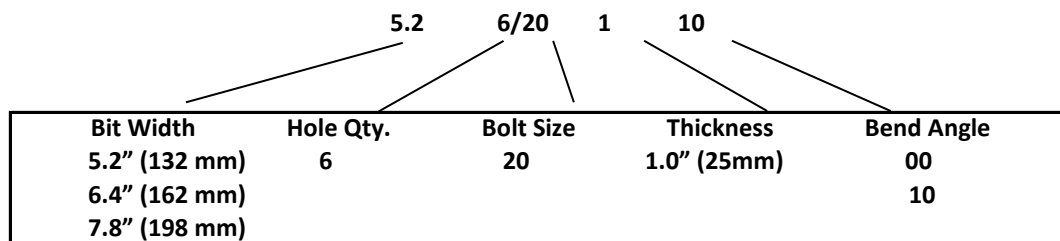
JT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2393	2.46-4M/2.85-6M EZ CONNECT	\$1,478.94 C
400-2522	#900M/2.85-6M EZ CONNECT	\$1,478.94 C
TRANSITION SUB		
400-2269	TRANSITION SUB (2.46-4M / 2-7/8M REG)	\$919.12 C
400-2272	TRANSITION SUB (900M / 2-7/8 M REG)	\$919.12 C
BEACON HOUSING		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00 C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
TRIHAWK		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C

DRILL BITS



6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT60 (highly regulated) - 434)



CONFIDENTIAL

JT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Sewer Bit		
400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C
Steep Taper Bit		
369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C

BACKREAMERS

Select Backreamers from Backreamers Price List

BACKREAMER SWIVELS and TABS

Select Swivels and Tabs from Swivels and Tabs Price List

STABILIZERS

400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C

CONNECTORS and ADAPTERS

400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2571	CONNECTOR (2 7/8 M API-R/2 7/8 M API-R)	\$332.18 C



CONFIDENTIAL

JT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$3,000.00 A



CONFIDENTIAL

AT60 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

AT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT60 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT60 All Terrain Jet Trac®** basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (190 hp gross) EPA Tier 3, EU Stage IIIA compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- 150 gpm fluid pump
- Dual batteries
- Antifreeze kit
- Cab w/ AC and Heater
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Spray wand

AT60 LRC STANDARD #1

AT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
Less Regulated Engine

Total \$512,037.11 T**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$69.18 T

ISO Decal Kit

\$136.11 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ANCHOR SYSTEM (Select Standard or Rock)****Standard –**

10" Auger

\$4,134.83 T

Shipped with: ANCHOR SHAFT
ANCHOR END, AUGER, 10"
CENTERING CAP

Rock –

Rock Anchor/Replaceable Bits

\$4,423.36 T

Shipped with: ANCHOR SHAFT
ROCK BIT ASSEMBLY
CENTERING CAP



CONFIDENTIAL

AT60 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ACCESSORIES		
157-196	SPLIT ROD WIPER 3.25" ID	\$230.52 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
315-981	AT PIPE BOX (SHORT) (Pipe quantity = 9)	\$4,586.87 C
190-2226	JT PIPE BOX (SHORT) (Pipe quantity = 16)	\$4,323.60 C
190-1899	JT CONVERSION KIT	\$2,195.01 C

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 55 Gallons \$4,048.79 T

TRACKING ELECTRONICS[See Subsite® Electronics Price List](#)**DOWNHOLE TOOLS****For nozzle placement, size and angle, reference the Downhole Tools Parts Book****DRILL PIPE**

355-1258	POWER PIPE AT 3.63 X 4.13 3.25-4 14.3'	each	\$1,464.75 D
	Shipped with: Rock pipe Accessories - Includes: AT PIPE BOX (TALL)		\$5,965.70 T
355-1100	POWER PIPE HD FM 3.06 X 3.50 2.46-4 15'	each	\$710.00 P
355-1079	POWER PIPE HD UL 3.06 X 3.50 2.46-4 15'	each	\$645.00 P
	Both shipped with: Dirt Pipe Accessories - Includes: SAVERLOK JT60/2.46 JT PIPE BOX (TALL)		\$6,500.98 T
355-1132	HIWS1 PIPE 2.88 X 3.25 #900 15'	each	\$657.00 P
	Shipped with: SPF #900 HUNTING - Includes: SAVERLOK JT60/(#900) JT PIPE BOX (TALL)		\$6,514.77 T



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AT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-2393	2.46-4M/2.85-6M EZ CONNECT	\$1,478.94	C
400-2392	2.85-6F EZ/2-7/8 API REG M	\$403.60	C
400-2522	#900M/2.85-6M EZ CONNECT	\$1,478.94	C
TRANSITION SUB			
400-2269	TRANSITION SUB (2.46-4M / 2-7/8M REG)	\$919.12	C
400-2272	TRANSITION SUB (900M / 2-7/8 M REG)	\$919.12	C
401-143	T-SUB 3.25-4M/3.27-4M DIRTONLY	\$1,477.94	C
400-1679	T-SUB ASS'Y (3.25-4M AT/2.88-5M REG)	\$1,434.80	C
ROCK DRILLING TOOLS			
400-919	5.0" ROCKMASTER TOOL, 86B	\$6,686.76	C
	Shipped with: 100-079 5" ROCKMASTER TOOL KIT	\$372.27	C
		\$7,059.03	
400-1467	5.0" ROCKMASTER TOOL 86B 2 DEG	\$8,271.21	C
	Shipped with: 400-749 4.50" QUICK WRENCH JAW	\$383.30	C
		\$8,654.51	
BEACON HOUSING			
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05	C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00	C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45	C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87	C
TRIHAWK			
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64	C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04	C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69	C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69	C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59	C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31	C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38	C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30	C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50	C
AIR HAMMER			
190-1932	AIR HAMMER, 6" - AT60	\$23,175.00	C
400-1451	"NS" 6-1/2" Q6 W/ SPHERICAL INSERTS	\$889.86	C
400-1452	6-1/2" Q6 CONVEX W/ SPHERICAL INS	\$898.58	C
400-1454	6-1/2" Q6 CONVEX W/SEMI BALLISTIC INS	\$898.58	C
400-1455	6-1/2" Q6 CONVEX W/BALLISTIC INSERTS	\$898.58	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT60 (less regulated) - 440)



CONFIDENTIAL

AT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSING NOZZLES		
159-291	NOZZLE ANG. ORF .104", 7/16-20	\$9.56 C
159-292	NOZZLE D.J. ORF .104, 7/16-20	\$9.56 C
159-293	NOZZLE STR. ORF .104, 7/16-20	\$9.56 C
159-294	SET SCREW (7/16-NF X 1/2", SS)	\$8.23 C
159-295	NOZZLE ANG. ORF .074", 7/16-20	\$9.56 C
159-296	NOZZLE D.J. ORF .074", 7/16-20	\$12.59 C
159-297	NOZZLE STR. ORF .074", 7/16-20	\$9.56 C
159-422	NOZZLE ANG. ORF .156", 7/16-20	\$9.68 C
159-423	NOZZLE STR. ORF.188", 7/16-20	\$9.24 C
149-200	NOZZLE .070 1/4 NPT TC	\$15.40 C
149-201	NOZZLE .100 1/4 NPT TC	\$8.95 C
149-202	NOZZLE .150 1/4 NPT TC	\$16.27 C
149-203	NOZZLE .200 1/4 NPT TC	\$18.15 C
149-204	NOZZLE .250 1/4 NPT TC	\$16.49 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C



CONFIDENTIAL

AT60 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
DRILL HEADS - ROCK		
401-361	6.50 HDS-3	\$7,107.00 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
400-2516	6.5-RMS-600 (637)	\$4,712.24 D
400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C
QUICK WRENCH JAWS		
401-148	6.25" SOFT FORMATION WRENCH JAW	\$570.18 C
401-133	6.25" TRI-CONE WRENCH JAW (2.0" THK)	\$1,045.35 C
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C



CONFIDENTIAL

AT60 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2571	CONNECTOR (2 7/8 M API-R/2 7/8 M API-R)	\$332.18 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
400-2770	CONNECTOR (3.25-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2771	CONNECTOR (3.25-4, M / 3-1/2 API-IF, M)	\$386.25 C
400-820	PULL CLEVIS 3.25-4 F/F CLEVIS	\$478.30 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$3,000.00 A



CONFIDENTIAL

AT60 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT60 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT60 All Terrain Jet Trac®** basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (200 hp gross) EPA Tier 4, EU Stage IV compliant
- Electrical Strike System (module and barriers)
- 2 post cylinder assist stake system (without auger flighting)
- Hydraulic drill pipe loader with automated controller
- Rack and Pinion drill frame and carriage
- Rubber tracks
- 150 gpm fluid pump
- Dual batteries
- Antifreeze kit
- Cab w/ AC and Heater
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Spray wand

AT60 HRC STANDARD #1

AT60 Base Unit

Includes: Basic Assembly, Ship Kit, Y-Strainer Parts Assembly, Hydra-Tong
Highly Regulated Engine

Total \$555,648.64 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$136.11 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**ANCHOR SYSTEM (Select Standard or Rock)****Standard –**

10" Auger

\$4,134.83 T

Shipped with: ANCHOR SHAFT
ANCHOR END, AUGER, 10"
CENTERING CAP

Rock –

Rock Anchor/Replaceable Bits

\$4,423.36 T

Shipped with: ANCHOR SHAFT
ROCK BIT ASSEMBLY
CENTERING CAP



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
157-196	SPLIT ROD WIPER 3.25" ID	\$230.52 C
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
100-074	STRIKE MAT KIT (Required when hand loading pipe)	\$636.16 C
190-1861	HEATED HOSE KIT (Dealer installed only)	\$767.42 C
315-981	AT PIPE BOX (SHORT) (Pipe quantity = 9)	\$4,586.87 C
190-2226	JT PIPE BOX (SHORT) (Pipe quantity = 16)	\$4,323.60 C
190-1899	JT CONVERSION KIT	\$2,195.01 C
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	55 Gallons \$4,048.79 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		
<u>DOWNHOLE TOOLS</u>		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1258	POWER PIPE AT 3.63 X 4.13 3.25-4 14.3'	each \$1,464.75 D
	Shipped with: Rock pipe Accessories - Includes: AT PIPE BOX (TALL)	\$5,965.70 T
355-1100	POWER PIPE HD FM 3.06 X 3.50 2.46-4 15'	each \$710.00 P
355-1079	POWER PIPE HD UL 3.06 X 3.50 2.46-4 15'	each \$645.00 P
	Both shipped with: Dirt Pipe Accessories - Includes: SAVERLOK JT60/2.46 JT PIPE BOX (TALL)	\$6,500.98 T
355-1132	HIWS1 PIPE 2.88 X 3.25 #900 15'	each \$657.00 P
	Shipped with: SPF #900 HUNTING - Includes: SAVERLOK JT60/(#900) JT PIPE BOX (TALL)	\$6,514.77 T
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-2393	2.46-4M/2.85-6M EZ CONNECT	\$1,478.94 C
400-2392	2.85-6F EZ/2-7/8 API REG M	\$403.60 C
400-2522	#900M/2.85-6M EZ CONNECT	\$1,478.94 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT60 (highly regulated) - 446)



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
TRANSITION SUB			
401-143	T-SUB 3.25-4M/3.27-4M DIRTONLY	\$1,477.94	C
400-1679	T-SUB ASS'Y (3.25-4M AT/2.88-5M REG)	\$1,434.80	C
400-2269	TRANSITION SUB (2.46-4M / 2-7/8M REG)	\$919.12	C
400-2272	TRANSITION SUB (900M / 2-7/8 M REG)	\$919.12	C
ROCK DRILLING TOOLS			
400-919	5.0" ROCKMASTER TOOL, 86B	\$6,686.76	C
	Shipped with: 100-079 5" ROCKMASTER TOOL KIT	\$372.27	C
		\$7,059.03	
400-1467	5.0" ROCKMASTER TOOL 86B 2 DEG	\$8,271.21	C
	Shipped with: 400-749 4.50" QUICK WRENCH JAW	\$383.30	C
		\$8,654.51	
BEACON HOUSING			
908-4082	3.75" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$1,631.76	C
908-4290	ASSY, 3.75 UNIVERSAL HOUSING	\$3,161.79	C
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05	C
908-5280	4.25" PWRHOUSE HD/6H-20MM/DW/2-7/8" REG	\$2,288.00	C
908-4390	HOUSING ASSY, 4.25 UNIVERSAL	\$3,824.45	C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87	C
TRIHAWK			
906-2654	3.5" Trihawk HD HSG HF / 86B / 2.38 Reg	\$3,294.20	C
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64	C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04	C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69	C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59	C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31	C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38	C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30	C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50	C
AIR HAMMER			
190-1932	AIR HAMMER, 6" - AT60	\$23,175.00	C
400-1451	"NS" 6-1/2" Q6 W/ SPHERICAL INSERTS	\$889.86	C
400-1452	6-1/2" Q6 CONVEX W/ SPHERICAL INS	\$898.58	C
400-1454	6-1/2" Q6 CONVEX W/SEMI BALLISTIC INS	\$898.58	C
400-1455	6-1/2" Q6 CONVEX W/BALLISTIC INSERTS	\$898.58	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT60 (highly regulated) - 447)



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSING NOZZLES		
159-291	NOZZLE ANG. ORF .104", 7/16-20	\$9.56 C
159-292	NOZZLE D.J. ORF .104, 7/16-20	\$9.56 C
159-293	NOZZLE STR. ORF .104, 7/16-20	\$9.56 C
159-294	SET SCREW (7/16-NF X 1/2", SS)	\$8.23 C
159-295	NOZZLE ANG. ORF .074", 7/16-20	\$9.56 C
159-296	NOZZLE D.J. ORF .074", 7/16-20	\$12.59 C
159-297	NOZZLE STR. ORF .074", 7/16-20	\$9.56 C
159-422	NOZZLE ANG. ORF .156", 7/16-20	\$9.68 C
159-423	NOZZLE STR. ORF.188", 7/16-20	\$9.24 C
149-200	NOZZLE .070 1/4 NPT TC	\$15.40 C
149-201	NOZZLE .100 1/4 NPT TC	\$8.95 C
149-202	NOZZLE .150 1/4 NPT TC	\$16.27 C
149-203	NOZZLE .200 1/4 NPT TC	\$18.15 C
149-204	NOZZLE .250 1/4 NPT TC	\$16.49 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
DRILL HEADS - ROCK		
401-361	6.50 HDS-3	\$7,107.00 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
400-2516	6.5-RMS-600 (637)	\$4,712.24 D
400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C
QUICK WRENCH JAWS		
401-148	6.25" SOFT FORMATION WRENCH JAW	\$570.18 C
401-133	6.25" TRI-CONE WRENCH JAW (2.0" THK)	\$1,045.35 C
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3011	6" STABILIZER (2 7/8 API-R,F/M)	\$2,027.71 C
400-3012	8" STABILIZER (2 7/8 API-R,F/M)	\$2,084.80 C
400-2998	10" STABILIZER (2 7/8 API-R,F/M)	\$2,196.15 C
400-3013	12" STABILIZER (2 7/8 API-R,F/M)	\$2,223.37 C
400-3014	14" STABILIZER (2 7/8 API-R,F/M)	\$2,385.78 C
400-3015	16" STABILIZER (2 7/8 API-R,F/M)	\$2,436.60 C
400-3016	18" STABILIZER (2 7/8 API-R,F/M)	\$2,593.79 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT60 (highly regulated) - 449)



CONFIDENTIAL

AT60 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
400-2557	CONNECTOR (2 7/8 M API-R / 40K SOC)	\$329.09 C
400-2571	CONNECTOR (2 7/8 M API-R/2 7/8 M API-R)	\$332.18 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
400-2770	CONNECTOR (3.25-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2771	CONNECTOR (3.25-4, M / 3-1/2 API-IF, M)	\$386.25 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
400-820	PULL CLEVIS 3.25-4 F/F CLEVIS	\$478.30 C
PULLING ACCESSORIES		
110-040	3/4" ANCHOR SHACKLE (7/8" PIN)	\$29.13 C
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
Charges do not include price of paint.		\$3,000.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT60 (highly regulated) - 450)

451

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

JT100 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT100M1 Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT100M1 Jet Trac®** basic unit includes the following:

- Deutz model TCD2013L06-2V water cooled, turbocharged diesel engine (268 gross hp)
EPA Tier 3, EU Stage IIIA compliant
- Rack and Pinion drill frame and carriage
- Electrical strike system (module and barriers)
- Fluid pump
- Rubber tracks
- Pipe loader
- Spindle brake
- Open vise breakout system
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Voltage stake
 - Downhole tool wrench set

The JT100 was designed to be a customer selected unit. Options include the following:

- Anchor system
- Pipebox loader
- Fluid mixing systems

JT100 LRC BASIC UNIT

JT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader, Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong Less Regulated Engine

\$710,940.16 T

From time of confirmation any unit ordered less hoist, enclosed cab, or any combination thereof, will be non-cancelable and non-returnable

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit (LRC)	\$117.70	T
Foreign Loader Decal Kit	\$149.60	T
ISO Decal Kit	\$89.01	T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

JT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
LOADER/DRIVER (Select one)		
	Driver Loader/LRC -Y	\$47,756.83 T
	Driver Loader - N	\$530.11 T
ANCHOR AUGERS (Select one)		
	15" Auger	\$2,567.91 T
	Rock Anchor/Replaceable Bits	\$2,731.82 T
STABILIZERS (Select one)		
	Standard Stabilizer	\$2,420.97 T
	Aggressive Stabilizer	\$2,519.64 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ACCESSORIES		
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
303-941	PIPE BOX ASSY JT100 (Pipe quantity = 12)	\$4,099.54 C
190-2116	JT/AT100 T3 UPTIME KIT	\$1,915.00 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 80 Gallons	\$5,904.36 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1200	POWER PIPE HD UL 3.63 X 4.00 3.27-4 4.5M	each \$826.80 D
	Shipped with: Dirt Pipe Accessories - Includes: SAVERLOK JT100/3.27	\$937.84 T
355-1133	HIWS1 PIPE 3.50 X 3.63 #800 15'	each \$745.00 D
	Shipped with: SPF #800 HUNTING - Includes: SAVERLOK JT100/(#800)	\$952.69 T

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (less regulated) - 453)



CONFIDENTIAL

JT100 (less regulated)

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1674	TRANSITION SUB EZ CONNECT 2	\$1,821.75 C
400-2260	EZ-CONNECT ASS'Y (800M / 3.5M EZ)	\$1,807.65 C
TRANSITION SUBS		
369-222	TRANSITION SUB PIN TO PIN	\$1,621.90 C
400-1479	TRANSITION SUB (3.27-4M/3.5-4IF M)	\$1,621.17 C
400-2258	TRANSITION SUB (800M / 3.27-4M)	\$1,573.95 C
400-2257	TRANSITION SUB (800M / 3-1/2M I.F.)	\$1,573.95 C
BEACON HOUSINGS		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
400-1423	4.75 86BHL SL HF3.5IF-4F/6-20MM	\$5,683.85 C
400-1426	4.75 86BHL SL HF 3.5IF -4F/3.5IF -4F	\$2,707.74 C
906-5356	4.75" Trihawk Assy / BHL	\$5,631.23 C
906-5357	Assembly 4.75 BHL Trihawk DW Dirt	\$6,427.87 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
400-1000	4.75 PWRHOUSE HD (3-1/2 API IF, F/F)	\$3,125.79 C
400-3018	4.75 PWRHOUSE HD/6H-20MM/DW/3-1/2 API IF	\$4,534.43 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS**Barracuda Bit**

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (less regulated) - 454)



CONFIDENTIAL

JT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
TRIHAWK BITS		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
DRILLING BITS		
369-429	6.5 GLACIER BIT	\$4,873.96 C
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
DRILL HEADS - ROCK		
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3023	10" STABILIZER (3 1/2 API-IF,F/M)	\$2,327.21 C
400-3024	12" STABILIZER (3 1/2 API-IF,F/M)	\$2,411.58 C
400-3025	14" STABILIZER (3 1/2 API-IF,F/M)	\$2,559.11 C
400-3026	16" STABILIZER (3 1/2 API-IF,F/M)	\$2,597.13 C
400-3027	18" STABILIZER (3 1/2 API-IF,F/M)	\$2,790.53 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (less regulated) - 455)



CONFIDENTIAL

JT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
368-742	CONNECTOR 3.27-4 M/3.27-4 M	\$957.14 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
369-089	CONNECTOR 3.5 API-M/3.27-4 M	\$566.22 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
368-813	CONNECTOR (3.50 F EZ / 3.27 M)	\$580.35 C
400-1480	CONNECTOR (3.50 F EZ / 3.50 M API-I.F.)	\$594.10 C
908-5188	ADAPTER, 3.27-4 F x 2.88 API Reg M	\$637.76 C
400-2230	ADAPTER (3.5F API-IF / 3.27-4M)	\$455.78 C
369-112	4.75 SLANT FACE ADAPTER	\$1,762.38 C
QUICK WRENCH JAWS		
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (less regulated) - 456)



CONFIDENTIAL

JT100 (less regulated)**SUGGESTED PRICE LIST****(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$5,000.00 A



CONFIDENTIAL

JT100 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

JT100 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The *Ditch Witch® JT100M1 Jet Trac®* drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The *Ditch Witch® JT100M1 Jet Trac®* basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (260 hp gross) EPA Tier 4, EU Stage IV compliant
- Rack and Pinion drill frame and carriage
- Electrical strike system (module and barriers)
- Fluid pump
- Rubber tracks
- Pipe loader
- Spindle brake
- Open vise breakout system
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Voltage stake
 - Downhole tool wrench set

The JT100 was designed to be a customer selected unit. Options include the following:

- Anchor system
- Pipebox loader
- Fluid mixing systems

JT100 HRC STANDARD #1

JT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader,
 Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong
 Highly Regulated Engine
 Driver Loader/HRC -Y
 Dirt Pipe Accessories

Total \$725,637.74 T

JT100 HRC BASIC UNIT

JT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader,
 Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong
 Highly Regulated Engine

\$677,072.82 T

From time of confirmation any unit ordered less hoist, enclosed cab, or any combination thereof, will be non-cancelable and non-returnable



CONFIDENTIAL

JT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit T4	\$8.55 T
	Foreign Loader Decal Kit	\$149.60 T
	ISO Decal Kit	\$89.01 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
LOADER/DRIVER (Select one)		
	Driver Loader/HRC -Y	\$47,627.08 T
	Driver Loader - N	\$530.11 T
ANCHOR AUGERS (Select one)		
	15" Auger	\$2,567.91 T
	Rock Anchor/Replaceable Bits	\$2,731.82 T
STABILIZERS (Select one)		
	Standard Stabilizer	\$2,420.97 T
	Aggressive Stabilizer	\$2,519.64 T
ACCESSORIES		
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
303-941	PIPE BOX ASSY JT100 (Pipe quantity = 12)	\$4,099.54 C
190-2117	JT/AT100 T4F UPTIME KIT	\$2,048.00 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil 80 Gallons	\$5,904.36 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		
DOWNHOLE TOOLS		
For nozzle placement, size and angle, reference the Downhole Tools Parts Book		
DRILL PIPE		
355-1200	POWER PIPE HD UL 3.63 X 4.00 3.27-4 4.5M	each \$826.80 D
	Shipped with:	
	Dirt Pipe Accessories - Includes:	\$937.84 T
	SAVERLOK JT100/3.27	
355-1133	HIWS1 PIPE 3.50 X 3.63 #800 15'	each \$745.00 D
	Shipped with:	
	SPF #800 HUNTING - Includes:	\$952.69 T
	SAVERLOK JT100/(#800)	

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (highly regulated) - 460)



CONFIDENTIAL

JT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
QUICK CONNECT SYSTEMS		
EZ CONNECT		
400-1674	TRANSITION SUB EZ CONNECT 2	\$1,821.75 C
400-2260	EZ-CONNECT ASS'Y (800M / 3.5M EZ)	\$1,807.65 C
TRANSITION SUBS		
369-222	TRANSITION SUB PIN TO PIN	\$1,621.90 C
400-1479	TRANSITION SUB (3.27-4M/3.5-4IF M)	\$1,621.17 C
400-2258	TRANSITION SUB (800M / 3.27-4M)	\$1,573.95 C
400-2257	TRANSITION SUB (800M / 3-1/2M I.F.)	\$1,573.95 C
BEACON HOUSINGS		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
400-1423	4.75 86BHL SL HF3.5IF-4F/6-20MM	\$5,683.85 C
400-1426	4.75 86BHL SL HF 3.5IF -4F/3.5IF -4F	\$2,707.74 C
906-5356	4.75" Trihawk Assy / BHL	\$5,631.23 C
906-5357	Assembly 4.75 BHL Trihawk DW Dirt	\$6,427.87 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
400-1000	4.75 PWRHOUSE HD (3-1/2 API IF, F/F)	\$3,125.79 C
400-3018	4.75 PWRHOUSE HD/6H-20MM/DW/3-1/2 API IF	\$4,534.43 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS**Barracuda Bit**

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (highly regulated) - 461)



CONFIDENTIAL

JT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Steep Taper Bit		
369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
TRIHAWK BITS		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
DRILLING BITS		
369-429	6.5 GLACIER BIT	\$4,873.96 C
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
DRILL HEADS - ROCK		
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3023	10" STABILIZER (3 1/2 API-IF,F/M)	\$2,327.21 C
400-3024	12" STABILIZER (3 1/2 API-IF,F/M)	\$2,411.58 C
400-3025	14" STABILIZER (3 1/2 API-IF,F/M)	\$2,559.11 C
400-3026	16" STABILIZER (3 1/2 API-IF,F/M)	\$2,597.13 C
400-3027	18" STABILIZER (3 1/2 API-IF,F/M)	\$2,790.53 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (highly regulated) - 462)



CONFIDENTIAL

JT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
368-742	CONNECTOR 3.27-4 M/3.27-4 M	\$957.14 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
369-089	CONNECTOR 3.5 API-M/3.27-4 M	\$566.22 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
368-813	CONNECTOR (3.50 F EZ / 3.27 M)	\$580.35 C
400-1480	CONNECTOR (3.50 F EZ / 3.50 M API-I.F.)	\$594.10 C
908-5188	ADAPTER, 3.27-4 F x 2.88 API Reg M	\$637.76 C
400-2230	ADAPTER (3.5F API-IF / 3.27-4M)	\$455.78 C
369-112	4.75 SLANT FACE ADAPTER	\$1,762.38 C
QUICK WRENCH JAWS		
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(JT100 (highly regulated) - 463)



CONFIDENTIAL

JT100 (highly regulated)**SUGGESTED PRICE LIST****(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$5,000.00 A



CONFIDENTIAL

AT100 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

AT100 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT100 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT100 All Terrain Jet Trac®** basic unit includes the following:

- Deutz model TCD2013L06-2V water cooled, turbocharged diesel engine (268 gross hp)
EPA Tier 3, EU Stage IIIA compliant
- Rack and Pinion drill frame and carriage
- Electrical strike system (module and barriers)
- Fluid pump
- Rubber tracks
- Pipe loader
- Spindle brake
- Open vise breakout system
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Voltage stake
 - Downhole tool wrench set

The AT100 was designed to be a customer selected unit. Options include the following:

- Anchor system
- Pipebox loader
- Fluid mixing systems

AT100 LRC BASIC UNIT

AT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader,
Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong
Less Regulated Engine

\$815,375.00 T

From time of confirmation any unit ordered less hoist, enclosed cab, or any combination thereof, will be non-cancelable and non-returnable

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit (LRC)	\$117.70	T
Foreign Loader Decal Kit	\$149.60	T
ISO Decal Kit	\$89.01	T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

AT100 (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
LOADER/DRIVER (Select one)		
	Driver Loader/LRC -Y	\$47,756.83 T
	Driver Loader - N	\$530.11 T
ANCHOR AUGERS (Select one)		
	15" Auger	\$2,567.91 T
	Rock Anchor/Replaceable Bits	\$2,731.82 T
STABILIZERS (Select one)		
	Standard Stabilizer	\$2,420.97 T
	Aggressive Stabilizer	\$2,519.64 T
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY NOTE: Equipment Registration Activates GPS and Telematics Boxes	\$545.90 D
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY NOTE: Sold in One Year Increments	\$299.40 A
ACCESSORIES		
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
190-1548	JT CONVERSION KIT (AT100 PP)	\$3,300.00 C
190-2244	JT CONVERSION KIT (AT100 PPF)	\$3,300.00 C
190-1486	AT100 PIPE BOX ASSY (pipe quantity = 12)	\$4,374.77 C
303-941	PIPE BOX ASSY JT100 (pipe quantity = 12)	\$4,099.54 C
190-2116	JT/AT100 T3 UPTIME KIT	\$1,915.00 B

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil 85 Gallons \$6,272.71 T

TRACKING ELECTRONICSSee [Subsite® Electronics Price List](#)



CONFIDENTIAL

AT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
DOWNHOLE TOOLS			
For nozzle placement, size and angle, reference the Downhole Tools Parts Book			
DRILL PIPE			
355-1254	POWER PIPE AT 3.63 X 4.50 3.44-4 14.1'	each	\$1,586.51 D
355-1200	POWER PIPE HD UL 3.63 X 4.00 3.27-4 4.5M	each	\$826.80 D
	Shipped with:		
	Dirt Pipe Accessories - Includes:		\$2,060.52 T
	SAVERLOK JT100/3.27		
	SHUTTLE STOP (JT)		
	ROLLER PIN (JT)		
	ROLLER (JT)		
	INSERT RETAINER		
	GUIDE BLOCK (4.13)		
355-1133	HIWS1 PIPE 3.50 X 3.63 #800 15'	each	\$745.00 D
	Shipped with:		
	SPF #800 HUNTING - Includes:		\$2,074.94 T
	SAVERLOK JT100/(#800)		
	SHUTTLE STOP (JT)		
	ROLLER PIN (JT)		
	ROLLER (JT)		
	INSERT RETAINER		
	GUIDE BLOCK (4.13)		
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-1674	TRANSITION SUB EZ CONNECT 2		\$1,821.75 C
400-2260	EZ-CONNECT ASS'Y (800M / 3.5M EZ)		\$1,807.65 C
TRANSITION SUBS			
400-1383	TRANSITION SUB (3.44, M / 3.27, M)	\$1,253.46	C
	Shipped with: 400-1404 INNER ROD SUPPORT BLOCK	\$109.60	C
		\$1,363.06	C
369-222	TRANSITION SUB PIN TO PIN		\$1,621.90 C
400-1479	TRANSITION SUB (3.27-4M/3.5-4IF M)		\$1,621.17 C
400-2258	TRANSITION SUB (800M / 3.27-4M)		\$1,573.95 C
400-2257	TRANSITION SUB (800M / 3-1/2M I.F.)		\$1,573.95 C
ROCK DRILLING TOOLS			
400-1488	5.0" ROCKMASTER TOOL 86B 2 DEG, AIR (100		\$8,271.21 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (less regulated) - 468)



CONFIDENTIAL

AT100 (less regulated)

SUGGESTED PRICE LIST (F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSINGS		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
400-1423	4.75 86BHL SL HF3.5IF-4F/6-20MM	\$5,683.85 C
400-1426	4.75 86BHL SL HF 3.5IF -4F/3.5IF -4F	\$2,707.74 C
906-5356	4.75" Trihawk Assy / BHL	\$5,631.23 C
906-5357	Assembly 4.75 BHL Trihawk DW Dirt	\$6,427.87 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
400-3018	4.75 PWRHOUSE HD/6H-20MM/DW/3-1/2 API IF	\$4,534.43 C
400-1000	4.75 PWRHOUSE HD (3-1/2 API IF, F/F)	\$3,125.79 C
AIR HAMMER		
190-1969	6" AIR HAMMER KIT (AT100 / 200 GPM)	\$26,608.59 C
400-1451	"NS" 6-1/2" Q6 W/ SPHERICAL INSERTS	\$889.86 C
400-1452	6-1/2" Q6 CONVEX W/ SPHERICAL INS	\$898.58 C
400-1454	6-1/2" Q6 CONVEX W/SEMI BALLISTIC INS	\$898.58 C
400-1455	6-1/2" Q6 CONVEX W/BALLISTIC INSERTS	\$898.58 C

DRILL BITS

Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C



CONFIDENTIAL

AT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
TRIHAWK BITS		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
906-5119	Trihawk III / 6.6 / 4.0 HSG / 50-100K	\$3,065.69 C
906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
DRILLING BITS		
369-429	6.5 GLACIER BIT	\$4,873.96 C
DRILL HEADS - ROCK		
401-361	6.50 HDS-3	\$7,107.00 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
400-2516	6.5-RMS-600 (637)	\$4,712.24 D
400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3023	10" STABILIZER (3 1/2 API-IF,F/M)	\$2,327.21 C
400-3024	12" STABILIZER (3 1/2 API-IF,F/M)	\$2,411.58 C
400-3025	14" STABILIZER (3 1/2 API-IF,F/M)	\$2,559.11 C
400-3026	16" STABILIZER (3 1/2 API-IF,F/M)	\$2,597.13 C
400-3027	18" STABILIZER (3 1/2 API-IF,F/M)	\$2,790.53 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (less regulated) - 470)



CONFIDENTIAL

AT100 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
368-742	CONNECTOR 3.27-4 M/3.27-4 M	\$957.14 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
400-2772	CONNECTOR (3.44-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2773	CONNECTOR (3.44-4, M / 3-1/2 API-IF, M)	\$386.25 C
369-089	CONNECTOR 3.5 API-M/3.27-4 M	\$566.22 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
368-813	CONNECTOR (3.50 F EZ / 3.27 M)	\$580.35 C
400-1480	CONNECTOR (3.50 F EZ / 3.50 M API-I.F.)	\$594.10 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
908-5188	ADAPTER, 3.27-4 F x 2.88 API Reg M	\$637.76 C
400-2230	ADAPTER (3.5F API-IF / 3.27-4M)	\$455.78 C
369-112	4.75 SLANT FACE ADAPTER	\$1,762.38 C
WRENCH JAWS		
400-749	4.50" QUICK WRENCH JAW	\$383.30 C
401-148	6.25" SOFT FORMATION WRENCH JAW	\$570.18 C
401-133	6.25" TRI-CONE WRENCH JAW (2.0" THK)	\$1,045.35 C
400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (less regulated) - 471)



CONFIDENTIAL

AT100 (less regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$5,000.00 A



CONFIDENTIAL

AT100 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:

400-2763 6-6/20-1-10 OMNI BIT

400-2765 7-6/20-1-10 OMNI BIT



CONFIDENTIAL

AT100 (highly regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® JT100 All Terrain Jet Trac®** drilling system is a self-contained, surface launched, fluid assisted, mechanical drilling system.

The **Ditch Witch® JT100 All Terrain Jet Trac®** basic unit includes the following:

- Cummins QSB6.7 water cooled diesel engine (260 hp gross) EPA Tier 4, EU Stage IV compliant
- Rack and Pinion drill frame and carriage
- Electrical strike system (module and barriers)
- Fluid pump
- Rubber tracks
- Pipe loader
- Spindle brake
- Open vise breakout system
- Ship Kit - Includes the following:
 - Drill pipe wiper seal
 - Copper thread compound with brush
 - Tip cleaner set
 - Voltage stake
 - Downhole tool wrench set

The AT100 was designed to be a customer selected unit. Options include the following:

- Anchor system
- Pipebox loader
- Fluid mixing systems

AT100 HRC STANDARD #1

AT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader,
Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong
Highly Regulated Engine
Driver Loader/HRC - Y
Dirt Pipe Accessories

Total \$821,210.22 T**AT100 HRC BASIC UNIT**

AT100 Base Unit

Includes: Basic Assembly, Front Wrench Sub Assembly, Pipe Loader,
Anchor System Layout, Guide Block, Ship Kit, Hydra-Tong
Highly Regulated Engine

\$771,522.62 T

**From time of confirmation any unit ordered less hoist, enclosed cab, or any combination thereof,
will be non-cancelable and non-returnable**



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AT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit T4	\$8.55 T
	Foreign Loader Decal Kit	\$149.60 T
	ISO Decal Kit	\$89.01 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
LOADER/DRIVER (Select one)		
	Driver Loader/HRC - Y	\$47,627.08 T
	Driver Loader - N	\$530.11 T
ANCHOR AUGERS (Select one)		
	15" Auger	\$2,567.91 T
	Rock Anchor/Replaceable Bits	\$2,731.82 T
STABILIZERS (Select one)		
	Standard Stabilizer	\$2,420.97 T
	Aggressive Stabilizer	\$2,519.64 T
ACCESSORIES		
100-794	GROUNDING KIT (Required if not using anchor system)	\$989.72 C
190-1548	JT CONVERSION KIT (AT100 PP)	\$3,300.00 C
190-2244	JT CONVERSION KIT (AT100 PPF)	\$3,300.00 C
190-1486	AT100 PIPE BOX ASSY (pipe quantity = 12)	\$4,374.77 C
303-941	PIPE BOX ASSY JT100 (pipe quantity = 12)	\$4,099.54 C
190-2117	JT/AT100 T4F UPTIME KIT	\$2,048.00 B
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	85 Gallons \$6,272.71 T
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (highly regulated) - 475)



CONFIDENTIAL

AT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
DOWNHOLE TOOLS			
For nozzle placement, size and angle, reference the Downhole Tools Parts Book			
DRILL PIPE			
355-1254	POWER PIPE AT 3.63 X 4.50 3.44-4 14.1'	each	\$1,586.51 D
355-1200	POWER PIPE HD UL 3.63 X 4.00 3.27-4 4.5M	each	\$826.80 D
	Shipped with:		
	Dirt Pipe Accessories - Includes:		\$2,060.52 T
	SAVERLOK JT100/3.27		
	SHUTTLE STOP (JT)		
	ROLLER PIN (JT)		
	ROLLER (JT)		
	INSERT RETAINER		
	GUIDE BLOCK (4.13)		
355-1133	HIWS1 PIPE 3.50 X 3.63 #800 15'	each	\$745.00 D
	Shipped with:		
	SPF #800 HUNTING - Includes:		\$2,074.94 T
	SAVERLOK JT100/(#800)		
	SHUTTLE STOP (JT)		
	ROLLER PIN (JT)		
	ROLLER (JT)		
	INSERT RETAINER		
	GUIDE BLOCK (4.13)		
QUICK CONNECT SYSTEMS			
EZ CONNECT			
400-1674	TRANSITION SUB EZ CONNECT 2		\$1,821.75 C
400-2260	EZ-CONNECT ASS'Y (800M / 3.5M EZ)		\$1,807.65 C
TRANSITION SUBS			
400-1383	TRANSITION SUB (3.44, M / 3.27, M)	\$1,253.46	C
	Shipped with: 400-1404 INNER ROD SUPPORT BLOCK	\$109.60	C
		\$1,363.06	C
369-222	TRANSITION SUB PIN TO PIN		\$1,621.90 C
400-1479	TRANSITION SUB (3.27-4M/3.5-4IF M)		\$1,621.17 C
400-2258	TRANSITION SUB (800M / 3.27-4M)		\$1,573.95 C
400-2257	TRANSITION SUB (800M / 3-1/2M I.F.)		\$1,573.95 C
ROCK DRILLING TOOLS			
400-1488	5.0" ROCKMASTER TOOL 86B 2 DEG, AIR (100		\$8,271.21 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (highly regulated) - 476)

477

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

AT100 (highly regulated)

SUGGESTED PRICE LIST (F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BEACON HOUSINGS		
906-5354	Housing Assembly 4.25 Trihawk DW Elec	\$4,807.05 C
400-1423	4.75 86BHL SL HF3.5IF-4F/6-20MM	\$5,683.85 C
400-1426	4.75 86BHL SL HF 3.5IF -4F/3.5IF -4F	\$2,707.74 C
906-5356	4.75" Trihawk Assy / BHL	\$5,631.23 C
906-5357	Assembly 4.75 BHL Trihawk DW Dirt	\$6,427.87 C
908-5290	ASSY, 4.75 UNIVERSAL HOUSING	\$4,070.87 C
400-3018	4.75 PWRHOUSE HD/6H-20MM/DW/3-1/2 API IF	\$4,534.43 C
400-1000	4.75 PWRHOUSE HD (3-1/2 API IF, F/F)	\$3,125.79 C
AIR HAMMER		
190-1969	6" AIR HAMMER KIT (AT100 / 200 GPM)	\$26,608.59 C
400-1451	"NS" 6-1/2" Q6 W/ SPHERICAL INSERTS	\$889.86 C
400-1452	6-1/2" Q6 CONVEX W/ SPHERICAL INS	\$898.58 C
400-1454	6-1/2" Q6 CONVEX W/SEMI BALLISTIC INS	\$898.58 C
400-1455	6-1/2" Q6 CONVEX W/BALLISTIC INSERTS	\$898.58 C

DRILL BITS

	5.2	6/20	100	10
Bit Width	Hole Qty.	Bolt Size	Thickness	Bend Angle
5.2" (132 mm)	6	20	1.0" (25mm)	00
6.4" (162 mm)				10
7.8" (198 mm)				

6 HOLE BITS

Barracuda Bit

369-500	5.2-6/20-1-10 BARRACUDA BIT	\$225.08 C
369-504	6.4-6/20-1-10 BC	\$239.42 C
369-508	7.8-6/20-1-10 BARRACUDA BIT	\$253.49 C

Durabit

368-980	5.2-6/20-1-00 DURABIT	\$511.95 C
368-982	6.4-6/20-1-00 DURABIT	\$517.46 C
368-984	7.8-6/20-1-00 DURABIT	\$507.75 C

Hard Surface Bit

400-1653	5-6/20-1-10 HARD SURFACE BIT	\$127.50 C
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Omni Bit

400-2763	6-6/20-1-10 OMNI BIT	\$660.00 C
400-2765	7-6/20-1-10 OMNI BIT	\$705.00 C

Sewer Bit

400-022	"NS" 5.5-6/20-1-00 SEWER BIT"	\$253.53 C
400-021	5.5-6/20-1-00 BC SEWER BIT	\$164.80 C

Steep Taper Bit

369-486	5.2-6/20-1-00 STEEP BIT	\$227.29 C
369-490	6.4-6/20-1-00 STEEP BIT	\$227.29 C



CONFIDENTIAL

AT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
6 HOLE BITS (Continued)		
Tornado Bit		
400-1939	5-6/20-1-10 TORNADO BIT	\$360.62 C
400-1941	6.5-6/20-1-10 TORNADO	\$355.98 C
400-1901	8-6/20-1-10 TORNADO BIT	\$433.50 C
Tuff Bit		
369-739	5-6/20-1-10 TUFF BIT	\$288.40 C
369-741	6.5-6/20-1-10 TUFF BIT	\$405.96 C
400-431	6-6/20-1-10 ST TUFF BIT	\$710.70 C
400-1366	6-6/20-1-00 GRADE TUFF BIT	\$391.48 C
369-743	8-6/20-1-10 TUFF BIT	\$350.20 C
TRIHAWK BITS		
906-5296	HEAD ASSY, DB ADAPT 4.25 TRK DW M20	\$796.64 C
906-5171	TRK V BOT / 5.7 / 4.0 HSG / 50-100K	\$2,275.04 C
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906-5130	Trihawk IV / 6.6 / 4.0 HSG / 50-100K	\$2,877.59 C
906-5026	Trihawk I Bit Assy 50-100K Lbs W/ Teeth	\$4,638.31 C
DRILLING BITS		
369-429	6.5 GLACIER BIT	\$4,873.96 C
DRILL HEADS - ROCK		
401-361	6.50 HDS-3	\$7,107.00 D
401-346	6.50" TRI-CONE BIT HDX-30	\$8,111.25 D
400-1812	6.50 TRI-CONE BIT (XR50)	\$10,191.85 D
400-2521	6.50-DWM-200 (211)	\$1,390.50 D
400-2318	6.5-DWS-500 (537)	\$4,423.12 D
400-2320	6.5-RMS-500 (537)	\$4,712.24 D
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400-2741	6.5-DWS-700 (IADC 727)	\$5,103.86 D
400-2973	6-1/2" PIRANHA BIT (3-1/2" API-REG)	\$1,256.60 C
BACKREAMERS		
Select Backreamers from Backreamers Price List		
BACKREAMER SWIVELS and TABS		
Select Swivels and Tabs from Swivels and Tabs Price List		
STABILIZERS		
400-3023	10" STABILIZER (3 1/2 API-IF,F/M)	\$2,327.21 C
400-3024	12" STABILIZER (3 1/2 API-IF,F/M)	\$2,411.58 C
400-3025	14" STABILIZER (3 1/2 API-IF,F/M)	\$2,559.11 C
400-3026	16" STABILIZER (3 1/2 API-IF,F/M)	\$2,597.13 C
400-3027	18" STABILIZER (3 1/2 API-IF,F/M)	\$2,790.53 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (highly regulated) - 478)



CONFIDENTIAL

AT100 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
CONNECTORS and ADAPTERS		
368-742	CONNECTOR 3.27-4 M/3.27-4 M	\$957.14 C
401-255	CONNECTOR 3.27-4F/2.88API IF M	\$667.36 C
401-256	CONNECTOR 3.27-4F/3.5API REG M	\$669.78 C
369-089	CONNECTOR 3.5 API-M/3.27-4 M	\$566.22 C
369-472	CONNECTOR 3.5API F/3.27-4API F	\$439.23 C
400-2772	CONNECTOR (3.44-4, M / 2-7/8 API-R, M)	\$360.50 C
400-2773	CONNECTOR (3.44-4, M / 3-1/2 API-IF, M)	\$386.25 C
368-813	CONNECTOR (3.50 F EZ / 3.27 M)	\$580.35 C
400-1480	CONNECTOR (3.50 F EZ / 3.50 M API-I.F.)	\$594.10 C
400-3048	ADAPTER (2-7/8 API-R,F/3-1/2 API-IF,M)	\$493.37 C
908-5188	ADAPTER, 3.27-4 F x 2.88 API Reg M	\$637.76 C
400-2230	ADAPTER (3.5F API-IF / 3.27-4M)	\$455.78 C
369-112	4.75 SLANT FACE ADAPTER	\$1,762.38 C
WRENCH JAWS		
400-749	4.50" QUICK WRENCH JAW	\$383.30 C
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400-705	6.5" TRI-CONE WRENCH JAW (2.0" THK)	\$475.71 C
PULLING ACCESSORIES		
110-987	7/8" ANCHOR SHACKLE (1" PIN)	\$37.89 C
110-847	CLEVIS (1")	\$83.59 C
111-018	CLEVIS (1-1/4")	\$66.81 C
111-019	CLEVIS (1-1/2")	\$201.72 C
906-2627	ASSEMBLY, 16-40K THK 1 PULLBACK	\$121.38 C
906-2523	Trihk III Pull Back Tooth Kit 24-40K Lbs	\$76.30 C
906-2625	ASSEMBLY, 24-40K TRIHAWK V PULLBACK	\$127.50 C
Pulling Grip		
185-917	PULLING GRIP (3/4"-1 1/4")	\$58.71 C
185-918	PULLING GRIP (1 1/4"-2")	\$61.80 C
185-919	PULLING GRIP (2"-2 3/4")	\$66.95 C
185-920	PULLING GRIP (2 3/4"-3 1/2")	\$72.10 C
185-921	PULLING GRIP (3 1/2"-4 1/4")	\$77.25 C
Heavy Duty Pulling Grip		
185-922	PULLING GRIP (3/4"-1 1/4")PLASTIC COATED	\$79.11 C
185-923	PULLING GRIP (1 1/4"-2")PLASTIC COATED	\$88.45 C
185-924	PULLING GRIP (2"-2 3/4")PLASTIC COATED	\$111.87 C
185-925	PULLING GRIP (2 3/4"-3 1/2")PLASTIC COAT	\$135.28 C
185-926	PULLING GRIP (3 1/2"-4 1/4")PLASTIC COAT	\$162.55 C
Pulling Grip with Swivel		
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4"TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2"TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4"TO 4-3/4") W / SWVL	\$154.50 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(AT100 (highly regulated) - 479)



CONFIDENTIAL

AT100 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$5,000.00 A



CONFIDENTIAL

P80 and PP25

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

P80 and PP25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® P80** package consists of two units: the power source and the hydraulic pusher. These units may be ordered separately.

The P80 is priced less T-bar, back brace, trench box, drive rod, expanders, couplers and other accessories. Select these from appropriate lists.

**NOTE: T-bar or back brace or trench box plus push rod and pilot head are required for push operation
Bell stop and pulling clevis are required for pull back operation**

The P80 Rod Pusher delivers 81,360 pounds of force on the rod at 2,500 pounds per square inch hydraulic pressure. The recommended power source is the Power Pac listed below.

The **Ditch Witch® Power Pac 25** is powered by an Honda GX690 air-cooled gasoline engine (22.2 hp gross). The Power Pac 25 develops 12.4 gallons per minute hydraulic flow at 2,500 pounds per square inch pressure.

ROD PUSHER

If you select a standard machine configuration, you must also order the "shipped with" items listed below

P80 STANDARD #1

022-103-1	Base Unit: P80 for BackBrace/T-bar Assy - Includes:	(Must order P80 back brace below)	
022-103	P80 (BASIC UNIT)		
602-642	P80 ASSY BB & T-BAR KIT		

Total	\$5,105.71	T
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P80 STANDARD #2

022-103-2	Base Unit: P80 for Trench Box Assy - Includes:	(Must order P80 trench box below)	
022-103	P80 (BASIC UNIT)		
602-643	P80 ASSY TRENCH BOX KIT		

Total	\$5,403.38	T
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BASIC UNIT

022-103	P80 (BASIC UNIT)		
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		\$4,538.18	T
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P80 ASSEMBLY KIT (Select one)

602-642	P80 ASSY BB & T-BAR KIT		
602-643	P80 ASSY TRENCH BOX KIT		

		\$567.53	T
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		\$865.20	T
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TRANSLATION DECALS – P80 (Select if translation needed)

787-233	DECAL KIT - P40, P80 SPANISH	\$110.06	C
	Shipped with: 701-326 WARNING CRUSHING WEIGHT	\$1.17	C

		\$111.23	T
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270-4532	P40-P80 ISO DECAL KIT		
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		\$23.57	C
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CONFIDENTIAL

P80 and PP25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
P80 ACCESSORIES			
157-550	U-SEAL (1.750")	\$4.74	C
354-146	"24" PUSH ROD (1.410"-M-F)"	(Painted)	\$123.46 C
354-231	"24" PUSH ROD (1.410"-M-F, UNP)"	(Unpainted)	\$123.46 C
354-149	48" PUSH ROD (1.410"-M-F)	(Painted)	\$196.85 C
354-232	48" PUSH ROD (1.410"-M-F, UNP)	(Unpainted)	\$196.85 C
354-157	PILOT (1.410"-M)		\$119.60 C
354-159	BELL STOP (1.410"-M-F)		\$122.20 C
354-107	P80 BACK BRACE	\$3,500.76	C
	Requires: 354-126 BACK BRACE SUPPORT	2 required \$941.73	C
	105-340 FLG LOCKNUT (3/4-NC)	8 required \$2.38	D
	105-384 WASHER (3/4")	8 required \$0.60	C
	105-466 BOLT (3/4-NC X 2-1/2")	8 required \$2.75	C
		\$5,430.06	
354-185	TRENCH BOX PARTS ASS'Y	\$5,801.99	C
354-255	HEAVY DUTY TRENCH BOX ASS'Y KIT	\$7,799.88	C
354-200	EXTENSION PARTS ASS'Y	\$3,849.88	C
100-714	SOLENOID VALVE ADAPTION KIT	\$1,537.93	C
190-427	TRAILER MOUNT KIT P40 P80	\$180.82	C
190-425	STORAGE BOX KIT - S2A	\$500.89	C
326-181	ROD RACK PARTS ASSEMBLY	\$550.18	C
190-567	ROD GRABBER KIT - P40/P80	\$1,162.50	C
354-161	PULLING CLEVIS (1.410"-M)	(Up to 3" service lines)	\$151.47 C
354-236	PULLING CLEVIS (1.410"-M)		\$284.53 C
105-559	BOLT (1-NC X 4-45/64", GD8)		\$24.01 C
105-930	WASHER (1-1/32")		\$24.65 C
105-367	LOCKNUT (1-NC)		\$3.84 C
354-165	PULLING CLEVIS (1.410"-F)		\$119.02 C
354-234	PULLING ADAPTER		\$73.07 C
354-160	"BELL STOP (1.410"-M-1.190"-F)"		\$143.77 C
259-131	TORPEDO LEVEL - STANDARD		\$17.26 D
100-833	ELEC CNTRL MOD KIT - P40, P80	\$8,832.59	C
	Shipped with: 270-2414 DANGER LINE LOCATIONS	(Spanish only)	\$2.36 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

484

(P80 and PP25 - 483)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

P80 and PP25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
P80 DIRECTIONAL BORING ASSEMBLIES		
400-897	86 STANDARD PILOT HEAD ASSY	\$171.71 C
400-898	86 AGGRESSIVE PILOT HEAD ASSY	\$166.60 C
400-899	86 LESS AGGRESSIVE PILOT HEAD	\$169.99 C
400-901	P80 86B BEACON HOUSING ASSY	\$545.90 C
TRACKING ELECTRONICS		
See Subsite® Electronics Price List		
PULLING ACCESSORIES		
110-289	CLEVIS (5/16)	\$7.13 C
185-901	PULLING GRIP (1/4" TO 1/2") W / SWVL	\$61.80 C
185-902	PULLING GRIP (1/2" TO 3/4") W / SWVL	\$64.89 C
185-903	PULLING GRIP (3/4" TO 1-1/4") W / SWVL	\$67.98 C
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4" TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2" TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4" TO 4-3/4") W / SWVL	\$154.50 C
EXPANDERS		
354-005	EXPANDER (3-1/2")	\$35.92 C
354-006	EXPANDER (4-1/2")	\$52.34 C
354-007	EXPANDER (5-1/2")	\$164.34 C
354-008	EXPANDER (6-5/8")	\$234.95 C
354-057	EXPANDER ASSEMBLY (8-5/8")	\$241.03 C
354-058	EXPANDER ASSEMBLY (10-3/4")	\$468.68 C
354-059	EXPANDER ASSEMBLY (12-3/4")	\$602.59 C
THREADED PIPE ADAPTERS		
354-046	PIPE ADAPTER (1" NPT)	\$115.64 C
354-047	PIPE ADAPTER (1-1/2" NPT)	\$119.30 C
354-048	PIPE ADAPTER (2" NPT)	\$108.18 C
354-049	PIPE ADAPTER (2-1/2" NPT)	\$134.02 C
354-050	PIPE ADAPTER (3" NPT)	\$146.08 C
354-051	PIPE ADAPTER (4" NPT)	\$128.79 C
354-052	PIPE ADAPTER (6" NPT)	\$304.32 C
POWER PAC		
022-1068	PP25 POWER PAC (PHASE 3)	\$10,600.76 T



CONFIDENTIAL

P80 and PP25**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install P80 trailer kit \$320.00 A

Install storage box \$80.00 A

Install environmentally compatible fluids (P80) Call for prices A

Install environmentally compatible fluids (PP25) \$798.75 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

ROTO WITCH

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

ROTO WITCH

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

Basic **Roto Witch® III and IV** boring attachments connects to hydraulic manifold on four-wheel drive Ditch Witch® basic power units only. Roto Witch® III and IV boring attachments includes direction control which requires electrical connection (schematic included).

All boring attachments are priced less connector shaft, tool joints, drill pipe and bits.
Boring attachments are priced as dry bore; wet boring is available as an option.

If you select a standard machine configuration, you must also order the "shipped with" items listed below

Roto Witch® III STANDARD #1

022-104-1 Roto Witch III STANDARD #1 - Includes:
279-028 RW-III DECAL KIT ENGLISH

Total \$3,224.55 T

Roto Witch® IV STANDARD #1

RWIV Base

Includes: Basic Assembly, Production Decal Kit, Assembly Kit

Total \$2,774.10 T

BASIC UNIT

022-104	RW-III (BASIC UNIT) DRY BORE	\$3,208.80	T
	Shipped with: 602-173 DRY BORE ROTO WITCH SHIP KIT	\$200.90	C
	279-028 RW-III DECAL KIT ENGLISH	No Charge	
		\$3,409.70	

022-037	WET BORE ATTACHMENT - RW-III	\$2,631.30	T
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DECAL KIT (Select one)

279-028	RW-III DECAL KIT ENGLISH	\$54.18	C
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TRANSLATION DECALS RWIV (Select if translation is needed)

	Foreign Decal Kit	\$14.75	T
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	ISO Decal Kit	\$32.75	T
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NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

SHIPPING KITS (Select one)

	Std. Ship Kit	\$457.86	T
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	RT45 Ship Kit	\$377.53	T
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	RT55 Ship Kit	\$288.06	T
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	RT80 Ship Kit	\$402.63	T
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CONFIDENTIAL

ROTO WITCH

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
REMOTE CONTROL HANDLE		
217-065	REMOTE CONTROL SWITCH	\$245.53 C
CONNECTOR SHAFTS		
167-035	SPLINE STUB	\$118.78 C
351-236	CONNECTOR SHAFT	\$135.97 C
BITS AND REAMERS - THREADED		
351-065	REAMER (4-3/4")	\$632.40 C
351-013	REAMER (6")	\$683.40 C
351-014	REAMER (8")	\$918.00 C
351-059	REAMER (10")	\$816.00 C
351-031	REAMER (12")	\$634.19 C
351-026	2" FISHTAIL WATER BIT (1-NC)	\$176.41 C
MISCELLANEOUS - THREADED		
351-096	ROD SECTION (10')	\$160.85 C
351-030	ALL THREAD (1-NC X 2-3/4")	\$21.98 C
BITS AND REAMERS - SLIP LATCH		
351-136	1.50" SLIPLATCH COMPACTION BIT	\$213.20 C
351-138	1.75" SLIPLATCH COMPACTION BIT	\$181.83 C
351-140	2.00" SLIPLATCH COMPACTION BIT	\$194.44 C
351-142	2.25" SLIPLATCH COMPACTION BIT	\$200.03 C
351-143	1.380" SAND BIT	\$431.54 C
351-147	2.5" REAMER	\$357.00 C
351-148	3.0" REAMER	\$244.80 C
351-149	3.5" REAMER	\$427.38 C
351-150	4.0" REAMER	\$427.38 C
351-331	FROST AUGER (1.5")	\$576.16 C
351-332	FROST AUGER (3.0")	\$607.88 C
351-337	1.5" SPADE BIT	\$31.74 C
351-310	1.5" TWO PRONG ROCK BIT	\$59.04 C
351-311	2.0" TWO PRONG ROCK BIT	\$39.08 C
351-312	3.0" TWO PRONG ROCK BIT	\$63.46 C
351-313	BIT BODY	\$96.61 C
351-314	BIT BODY	\$113.08 C
MISCELLANEOUS - SLIP LATCH		
351-255	STEM SECTION (5')	\$137.56 C
351-256	STEM SECTION (10')	\$138.51 C
351-246	SWIVEL	\$37.76 C
351-153	BEARING SWIVEL	\$210.00 C
351-267	SLIP LATCH COUPLER	\$157.77 C
351-266	SLIP LATCH PIN W/ THREADS	\$160.85 C
351-272	SLIP-LATCH UNCOUPLER - ONE PIN	\$33.99 C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

489

(ROTO WITCH - 488)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

ROTO WITCH

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
PULLING GRIPS		
110-289	CLEVIS (5/16)	\$7.13 C
185-901	PULLING GRIP (1/4" TO 1/2") W / SWVL	\$61.80 C
185-902	PULLING GRIP (1/2" TO 3/4") W / SWVL	\$64.89 C
185-903	PULLING GRIP (3/4" TO 1-1/4") W / SWVL	\$67.98 C
185-904	PULLING GRIP (1-1/4" TO 2") W / SWVL	\$90.64 C
185-906	PULLING GRIP (2" TO 2-3/4") W / SWVL	\$123.60 C
185-907	PULLING GRIP (2-3/4" TO 3-1/2") W / SWVL	\$133.90 C
185-913	PULLING GRIP (3-1/2" TO 4-1/4") W / SWVL	\$144.20 C
185-914	PULLING GRIP (4-1/4" TO 4-3/4") W / SWVL	\$154.50 C
PIPE PULLING ADAPTERS		
354-046	PIPE ADAPTER (1" NPT)	\$115.64 C
354-047	PIPE ADAPTER (1-1/2" NPT)	\$119.30 C
354-048	PIPE ADAPTER (2" NPT)	\$108.18 C
354-049	PIPE ADAPTER (2-1/2" NPT)	\$134.02 C
354-050	PIPE ADAPTER (3" NPT)	\$146.08 C
354-051	PIPE ADAPTER (4" NPT)	\$128.79 C
354-052	PIPE ADAPTER (6" NPT)	\$304.32 C

INSTALLATION CHARGES

Install environmentally compatible fluids

Call for prices A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

FLUID SYSTEMS

- **FT5**
- **FM5X**
- **FM13X**
- **FM25X**
- **XP44**
- **MR90**



CONFIDENTIAL

FT5

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FT5

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNITThe *Ditch Witch*® FT5 basic unit includes the following:

- 5.5 hp gasoline engine
- Centrifugal pump
- 200 gal. tank and base
- Valves and hoses (less transfer hose)
- Mud mixing hopper

FT5 BASIC UNIT

FT5A Base Unit

Includes: Basic Assembly, Production Decal Kit

Total \$5,364.28 T

NOTE: FT5 uses a standard ¾" garden hose as a transfer hose**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit \$11.78 T

ISO Decal Kit \$25.62 T

NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside of the United States**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

FM5X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FM5X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNITThe **Ditch Witch® FM5X** basic unit includes the following:

- 5.5 hp gasoline Honda Engine
- Venturi mixing stand
- Ship kit - Includes
 - Cup and funnel
 - FHC Adapter

FM5X STANDARD #1

FM5X Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit
500 Gallon Tank

Total \$9,026.60 T

FM5X BASIC UNIT

FM5X Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit

\$4,737.28 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$44.58 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

ISO Tank Decal Kit

\$16.57 T

NOTE: ISO Tank Decal Kit will be shipped with all tanks shipped outside of the United States**FLUID TANK (Select one)**

300 Gallon Tank

\$2,952.93 T

500 Gallon Tank

\$4,289.32 T

Shipped with: TANK SHIP KIT, 500 GAL

FM5/FM5X 500 GAL TANK ADAPTERS

ACCESSORIES & TRANSFER HOSE

516-054	TRANSFER HOSE		\$170.74	C
159-890	50FT 1" TRANSFER HOSE	(JT922)	\$306.56	C
159-587	25FT 1.1/2" TRANSFER HOSE ASSY	(JT1220)	\$214.71	C

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FM5X - 494)



CONFIDENTIAL

FM13X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FM13X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FM13X** is a 11.7 horsepower gasoline powered drilling fluid mixing system. It includes an electric start, 6-gallon fuel tank, centrifugal mixing pump, venturi wet hopper system and mounting base. It is designed for use with a 500-gallon or 950-gallon mixing tank.

The **Ditch Witch® FM13X** basic unit includes the following:

- 11.7 hp gross Honda gasoline engine
- Centrifugal mixing pump
- Mixing hopper
- Ship kit

FM13X STANDARD #1

FM13X Base Unit

Includes: Basic Assembly, Electric Start Engine Sub Assembly,
Production Decal Kit, Ship Kit, Hose Adapter Kit

Total \$8,777.96 T

TRANSLATION DECALS (Select if translation is needed)

ISO Decal Kit

\$43.27 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

ISO Tank Decal Kit

\$16.57 T

NOTE: ISO Tank Decal Kit will be shipped with all tanks shipped outside of the United States**FLUID TANK (Select one)**

500 Gallon Tank

\$3,935.02 T

Shipped with: TANK SHIP KIT, 500 GAL

950 Gallon Tank

\$7,177.48 T

Shipped with: TANK SHIP KIT, 950 GAL

ACCESSORIES & TRANSFER HOSE

190-1189 TANK FILL KIT, 500 GAL

\$547.77 C

101-093 TANK FILL KIT, 950 GAL

\$1,007.14 C

153-357 TRANSFER HOSE (2" FHC, 50')

\$287.14 C

190-2105 FM13V/FM13X UPTIME KIT

\$52.28 B

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FM13X - 496)



CONFIDENTIAL

FM25X

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FM25X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FM25X** is a 25 horsepower diesel powered drilling fluid mixing system. It includes an engine enclosure for noise reduction, 2 electrically controlled centrifugal mixing pumps and 2 plumbing manifolds. Plumbing kits are optional depending on plumbing needs. It utilizes the venturi wet hopper used on the FM13X and can use 1 or 2 hoppers depending on the setup needs of the system. This system is designed to be used with both 500 and 950 gallon mixing tanks.

The **Ditch Witch® FM25X** basic unit includes the following:

- Kubota D1105-E liquid-cooled diesel engine (24.8 hp gross, 23.8 hp estimated net @ 3,000 rpm)
EPA Tier 4 compliant
- 2 – centrifugal mixing pumps with electric clutches
- 2 – plumbing manifolds
- Noise reduction engine enclosure
- Ship Kit

FM25X STANDARD #1

FM25X Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit, Manifold Plumbing Kit
Curb Side

Total \$20,838.63 T

FM25X STANDARD #2

FM25X Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit, Manifold Plumbing Kit
Street Side

Total \$20,838.63 T

FM25X BASIC UNIT

FM25X Base Unit

Includes: Basic Assembly, Production Decal Kit, Ship Kit, Manifold Plumbing Kit

\$20,814.86 T

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$9.95 T

ISO Decal Kit

\$52.58 T

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States

ISO Tank Decal Kit

\$16.57 T

NOTE: ISO Tank Decal Kit will be shipped with all tanks shipped outside of the United States

FLUID TANK (Select one or two)

500 Gallon Tank

\$3,796.02 T

Shipped with: FM25 500 GAL HOSE KIT

950 Gallon Tank

\$6,670.14 T

Shipped with: FM25 1000 GAL HOSE KIT



CONFIDENTIAL

FM25X

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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MIXING HOPPER (Select one or two)

190-2753	FM25X HOPPER AND PLUMBING KIT	\$1,397.80 C
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ACCESSORIES & TRANSFER HOSE

190-1230	FM25 TRANSFER HOSE KIT	\$159.38 C
101-093	TANK FILL KIT, 950 GAL	\$1,007.14 C
153-357	TRANSFER HOSE (2" FHC, 50')	\$287.14 C
190-2100	FM25 UPTIME KIT	\$81.25 B

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



CONFIDENTIAL

XP44

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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XP44

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
<p>The Ditch Witch® XP44 is a 44 horsepower diesel powered drilling fluid mixing system. It includes an engine enclosure for noise reduction, 1 centrifugal mixing pump and 1 high pressured fluid pump, 1 plumbing manifold and Banjo valve. It utilizes the venturi wet hopper used on the FM13X depending on the setup needs of the system. This system is designed to be used with both 500 and 950 gallon mixing tanks.</p> <p>The Ditch Witch® XP44 basic unit includes the following:</p> <ul style="list-style-type: none"> • Yanmar 3TNV86CT, liquid cooled engine (43.5 hp gross (SAE J1995)), EPA Tier 4 Final, EU Stage IIIA compliant • 1 – centrifugal mixing pump with an electric clutch • 1 – plumbing manifold • Noise reduction engine enclosure • Ship kit 		
	XP44 BASIC UNIT XP44 Base Unit Includes: Basic Assembly, Remote Hopper	\$41,300.00 T
TRANSLATION DECALS (Select if translation is needed)		
	ISO Decal Kit	\$60.23 T
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
	ISO Tank Decal Kit	\$16.57 T
NOTE: ISO Tank Decal Kit will be shipped with all tanks shipped outside of the United States		
FLUID TANK (Select one or two)		
	500 Gallon Tank Shipped with: 500 GAL (XP44) SHIP KIT	\$4,200.00 T
	950 Gallon Tank Shipped with: 950 GAL (XP44) SHIP KIT	\$6,900.00 T
HOSE REEL (Optional)		
	65FT Hose Reel	\$1,500.00 T
	190FT Hose Reel	\$5,100.00 T
ACCESSORIES		
190-2196	SK850/SK1050/SK1550/XP44 UPTIME KIT	\$130.56 B
190-2775	FT24I MOUNTING KIT	\$1,790.10 C
215-2868	PAIRING CABLE	\$39.54 A



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XP44

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,000.00 A



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MR90

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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MR90

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® MR90** recycles drilling fluids on HDD jobsites. It will reduce drilling fluid & disposal cost which increases customers profit. Quick set up, adjustable shaker platform and auto pit pump shut off are just a few of the features that make the MR90 the most innovative recycling system in the industry.

The **Ditch Witch® MR90** basic unit includes the following:

- Kubota D1105-E liquid-cooled diesel engine (24.8 hp gross, 23.8 hp estimated net @ 3,000 rpm)
EPA Tier 4 compliant
- Hydraulic Tongue Jack - (Standard)
- (6) - 2.5" Hydro-Cyclones
- Hydraulic Leveling Shaker Assembly
- Two-Stage Mud Tank System (340 gal 1st Pass Mud & 110 gal Clean)
- Automatic Pit Pump On/Off Shutoff Switch
- Integrated Spoils Hopper w/ Mixer (Option)
- Proven Stanley® Pit Pump (Option)

MR90 STANDARD #1

MR90 Base Unit

Includes: Basic Assembly, Production Decal Kit, Light Kit, Ship Kit
Spoils Hopper W/ Mixer (50 GAL)
Tank Assembly (300 GAL.)
Pit Pump Assembly
Platform Accessories
T14R TRAILER ASSEMBLY

Total \$85,339.14 S

MR90 BASIC UNIT

MR90 Base Unit

Includes: Basic Assembly, Production Decal Kit, Light Kit, Ship Kit
Tank Assembly (300 GAL.)

\$66,242.99 S

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$148.71 S

ISO Decal Kit

\$72.36 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States**MIXING HOPPER (Select one)**

No Spoils Hopper W/ Mixer

\$182.84 S

Spoils Hopper W/ Mixer (50 GAL)

\$3,395.25 S



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MR90

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
SCREENS (Select one from each section)			
Course			
301-7189	SCREEN (225 MICRON)	\$270.61	B
301-7191	SCREEN (165 MICRON)	\$270.61	B
Fine			
301-7190	SCREEN (88 MICRON)	\$287.59	B
301-7192	SCREEN (70 MICRON)	\$287.59	B
SKID/TRAILER (Select One)			
	MR90 Skid	\$3,217.71	S
	Shipped with: Platform Accessories	\$986.49	S
		\$4,204.20	S
T14R BASIC UNIT			
025-1018	T14R TRAILER ASSEMBLY	\$10,532.08	S
	Shipped with: Platform Accessories	\$986.49	S
		\$11,518.57	S
NOTE: Above trailer includes lunette coupler			
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
NOTE: Equipment Registration Activates GPS and Telematics Boxes			
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
NOTE: Sold in One Year Increments			
PIT PUMP (Optional)			
	Pit Pump Assembly	\$4,182.33	S
RADIO REMOTE (Optional)			
	Radio Remote	\$1,460.76	S
ACCESSORIES			
190-2191	MR90 UPTIME KIT	\$1,086.30	B
ENVIRONMENTAL HYDRAULIC OIL		2 Gallons	
	Environmental Oil	\$143.14	S
SPECIAL PAINT			
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)			
From the time of confirmation, any special paint order is non-cancelable and non-returnable.			
Please allow 30 days from time of order to delivery.			
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).			
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.			
Charges do not include price of paint.			\$1,400.00 A



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VACUUM SYSTEMS

- **MV800**
- **FX20**
- **FX25**
- **FX30**
- **HX30**
- **HX30 (loose configured)**
- **FX50 (less regulated)**
- **FX50 (highly regulated)**
- **HX50**
- **HX50 (loose configured)**
- **FX65 (less regulated)**
- **FX65 (highly regulated)**
- **HX75**
- **HX75 (loose configured)**
- **FXT50 (less regulated)**
- **FXT50 (highly regulated)**
- **FXT65 (less regulated)**
- **FXT65 (highly regulated)**



CONFIDENTIAL

MV800

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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MV800

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® MV800** Vacuum Excavation System will handle various types of non-hazardous liquid spoils but is specifically designed to remove drilling fluid from HDD jobsites. It is targeted at price-conscious directional drill owners and provides exceptional value at a competitive price with the quality and reliability Ditch Witch® customers expect. With the optional water system, the MV800 is also capable of soft excavation tasks for exposing underground utilities.

The **Ditch Witch® MV800** basic unit includes the following:

- Briggs and Stratton Vanguard (31 hp gross) air-cooled gasoline engine
- Open power pack design
- Curb-side controls for operator safety
- 800 gallon spoils tank
- Cylinder assist dumping system
- 25 feet (7.6 m) of 3-inch (76 mm) suction hose

MV800 STANDARD #1

MV800 Base Unit W/Water

Includes: Basic Assembly, Water Hose Reel Sub Assembly, Production Decal Kit

Tank Plumbing

No Reverse Flow

800 Gallon Debris (Includes 3" suction hose - 25' and reducer)

Hydraulic Door

\$29,293.40

MV800 TRAILER

\$8,143.73

Total \$37,437.13 S**MV800 BASIC UNIT**

MV800 Base Unit W/Water

Includes: Basic Assembly, Water Hose Reel Sub Assembly, Production Decal Kit

\$13,793.43 S

OR

MV800 Base Unit No/Water

Includes: Basic Assembly, Production Decal Kit

\$11,189.09 S

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$116.50 S

ISO Decal Kit

\$176.01 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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MV800

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
REVERSE FLOW (Select one)			
	Reverse Flow to T-Filters	\$394.05	S
	Reverse Flow W/ Tank	\$1,760.10	
	Shipped with: Reverse Flow to T-Filters	\$394.05	
		\$2,154.15	S
	No Reverse Flow	\$220.66	S
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
NOTE: Equipment Registration Activates GPS and Telematics Boxes			
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
NOTE: Sold in One Year Increments			
SPOILS TANK (Optional)			
	800 Gallon Debris	\$12,757.38	
	Shipped with: Tank Plumbing	\$1,103.34	
		\$13,860.72	S
HYDRAULIC DOOR (Optional)			
	Hydraulic Door	\$1,418.59	S
SKID MOUNT (Optional)			
	Skid Mount Kits	\$964.64	S
TRAILER (Optional)			
025-1019	MV800 TRAILER	\$8,143.73	S
NOTE: Trailer includes lunette coupler			
ACCESSORIES			
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25	B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C
401-029	TURBO SPRAY GUN NOZZLE	\$60.68	C
310-893	SUCTION TOOL	\$309.85	D
190-2102	FX25/MV800 UPTIME KIT	\$89.00	B
ENVIRONMENTAL HYDRAULIC OIL			
	Environmental Oil	2 Gallons	\$143.14 S



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MV800

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$1,400.00 A



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FX20

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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FX20

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
The Ditch Witch® FX20 Vacuum Excavation System is a compact, but powerful vacuum excavator used for a variety clean up applications as well as a powerful "soft" excavation machine.		
The Ditch Witch® FX20 basic unit includes the following:		
<ul style="list-style-type: none"> • Kohler engine CH740S (25 hp gross) • Suction tool - 5' • 3" suction hose 		
FX20 STANDARD #1		
FX20A Base Unit		
Includes: Basic Assembly, Water Tank Sub Assembly, Production Decal Kit, Wash Wand S4S TRAILER ASS'Y		
		Total \$25,698.58 S
FX20 BASIC UNIT		
FX20A Base Unit		
Includes: Basic Assembly, Water Tank Sub Assembly, Production Decal Kit, Wash Wand		
		\$21,556.13 S
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$26.14 S
	ISO Decal Kit	\$108.41 S
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
ORANGE INTEL™ OPTIONS (Select one)		
350-5369	GPS ONLY FOR NON GPS-READY	\$591.98 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
TRAILER (Optional)		
025-1020	S4S TRAILER ASS'Y	\$4,142.45 S
NOTES: Trailer includes 2-5/16" ball coupler		
The S4S trailer can not be purchased without purchasing an FX20 mounted on it.		
TRAILER ACCESSORIES		
205-498	LUNETTE (3")	\$80.70 C
104-139	TRAILER & WHEEL LOCK KIT	\$322.47 D



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FX20

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
315-651	7' SUCTION TOOL	\$254.93 D
310-894	TWO IN ONE TOOL	\$933.04 D
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
300-4120	PLUG (64N)	\$9.80 C
190-1343	LEFT CONTROL KIT FX20	\$487.60 C
190-2101	FX20 UPTIME KIT	\$68.03 B

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories
Install fender kit

\$80.00 A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

FX20 Vac	\$1,000.00	A
S4S Trailer	\$1,000.00	A



CONFIDENTIAL

FX25

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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FX25

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX25** Vacuum Excavation System is a low cost, low maintenance vac system that can perform a wide range of cleanup and soft excavation tasks.

The **Ditch Witch® FX25** basic unit includes the following:

- Briggs and Stratton Vanguard (31 hp gross) air-cooled gasoline engine
- Open power pack design
- Cylinder assist dumping system
- Wash wand kit
- Antifreeze kit (w/ water unit only)

If you select a standard machine configuration, you must also order the “shipped with” items listed below

FX25 STANDARD #1		
FX25A-1	FX25 Standard: 500gal spoil, 80gal water (must order T9S trailer below) - Includes:	
350-3037	FX25 POWER PACK W/WATER AND HYD. PUMP	
350-3813	FX25 500 GAL W/WATER PARTS ASM	
350-3041	GEAR PUMP HYDRAULICS - T9	
350-2457	WATER TANK SUB, 80 GALLON	
350-5006	TANK AND SKID 500 GAL	
601-787	SHUTOFF ASSEMBLY	
350-5540	FX25 FILTER ASSEMBLY	
350-3693	FILTER STAND	
350-3880	EXPANSION CANISTER ASSEMBLY	
601-132	WATER HOSE REEL SUB ASSY	
350-3768	4" ELBOW AND HOSE BARB	
350-3706	3" & 4" HOSE AND TOOL RACK	
270-2748	FX25 POWER PACK PROD. DECAL KIT	
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$33,623.48
025-1023	T9S VAC TRAILER	\$7,265.02
	Total	\$40,888.50



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FX25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
FX25 STANDARD #2			
FX25A-2	FX25 Standard 500gal spoil, 200gal water (must order T12SE trailer below) - Includes:		
350-3037	FX25 POWER PACK W/WATER AND HYD. PUMP		
350-3813	FX25 500 GAL W/WATER PARTS ASM		
350-3733	GEAR PUMP HYDRAULICS 500 GAL		
350-2459	T-12 WATER TANK SUB, 200 GALLON		
350-5006	TANK AND SKID 500 GAL		
601-787	SHUTOFF ASSEMBLY		
350-5540	FX25 FILTER ASSEMBLY		
350-3693	FILTER STAND		
350-3880	EXPANSION CANISTER ASSEMBLY		
601-132	WATER HOSE REEL SUB ASSY		
350-3768	4" ELBOW AND HOSE BARB		
350-3706	3" & 4" HOSE AND TOOL RACK		
350-3750	AIR INLET RELOCATION SUB		
270-2748	FX25 POWER PACK PROD. DECAL KIT		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$34,006.22	S
025-1021	T12SE TRAILER ASSEMBLY	\$10,100.82	S
	Total	\$44,107.04	S

DECAL KITS - FX25 (Select one per category)			
POWER PACK			
270-2748	FX25 POWER PACK PROD. DECAL KIT	\$34.05	C
270-2749	FX25 POWER PACK PROD. DECAL KIT FR	\$49.89	C
270-2750	FX25 POWER PACK PROD. DECAL KIT GR	\$49.89	C
270-2751	FX25 POWER PACK PROD. DECAL KIT IT	\$49.89	C
270-2752	FX25 POWER PACK PROD. DECAL KIT SP	\$49.89	C
270-2753	FX25 POWER PACK PROD. ISO DECAL KIT	\$49.89	C
TANK			
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11	C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00	C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00	C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00	C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00	C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61	C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States			

POWER PACKS (Select one)			
350-3037	FX25 POWER PACK W/WATER AND HYD. PUMP	\$15,751.85	S
350-3729	FX25 POWER PACK WITHOUT WATER	\$14,270.90	S

REVERSE FLOW (Optional)			
350-3703	REVERSE FLOW PLUMBING	\$2,480.82	S



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FX25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
FILTERS (Select one from Canister or Cyclone section)			
CANISTER FILTER OPTIONS			
With trailer			
350-5540	FX25 FILTER ASSEMBLY	\$1,236.00	S
	Shipped with: 350-3693 FILTER STAND	2 required \$217.54	\$435.08 S
	350-3880 EXPANSION CANISTER ASSEMBLY		\$749.06 S
	350-3768 4" ELBOW AND HOSE BARB		\$204.73 C
	350-3750 AIR INLET RELOCATION SUB (500 SPOILS & 200 WATER)		\$173.04 S
Reverse flow only			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required \$3.78	\$359.10 D
Without trailer			
190-1856	VAC FILTER KIT	\$1,767.09	S
	Shipped with: 190-2097 CANISTER BASKET KIT		\$749.06 S
Reverse flow only			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required \$3.78	\$359.10 D
CYCLONE FILTER OPTIONS			
With trailer			
350-3779	CYCLONE ASSEMBLY	\$2,726.18	S
	Shipped with: 350-5540 FX25 FILTER ASSEMBLY		\$1,236.00 S
	350-3693 FILTER STAND		\$217.54 S
	350-3750 AIR INLET RELOCATION SUB (500 SPOILS & 200 WATER)		\$173.04 S
Reverse flow			
	Shipped with: 350-3768 4" ELBOW AND HOSE BARB		\$204.73 C
	301-4659 VERTICAL CYCLONE LID		\$311.83 S
	150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required \$3.78	\$359.10 D
No Reverse flow			
	Shipped with: 350-3767 4" COLLAR AND HOSE BARB		\$180.52 C
	301-4658 HORIZONTAL CYCLONE LID		\$311.83 S
Without trailer			
190-2058	CYCLONE KIT	\$2,665.10	S
	Shipped with: 190-1856 VAC FILTER KIT		\$1,767.09 S
Reverse flow only			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required \$3.78	\$359.10 D
SPOILS TANK			
350-5006	TANK AND SKID 500 GAL	\$11,063.32	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74	S
			\$11,643.06 S
(Select one of the following options)			
With Trailer Options			
350-3814	FX25 500 GAL W/O WATER PARTS ASM	\$419.84	S
350-3813	FX25 500 GAL W/WATER PARTS ASM	\$709.42	S
Without Trailer Options			
190-1842	FX25 500 GAL W/O WATER PARTS KIT	\$339.58	S
190-1841	FX25 500 GAL W/WATER PARTS KIT	\$680.43	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX25 - 517)



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FX25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
GEAR PUMP HYDRAULICS			
ships when ordering no trailer or 200 gallon water with trailer			
350-3733	GEAR PUMP HYDRAULICS 500 GAL	\$301.48	S
ships when ordering without water with trailer or 80 gallon water with trailer			
350-3041	GEAR PUMP HYDRAULICS - T9	\$334.37	S
WATER TANKS (Optional)			
With Trailer Options			
350-2457	WATER TANK SUB, 80 GALLON	\$1,317.01	S
350-2459	T-12 WATER TANK SUB, 200 GALLON	\$1,712.37	S
Without Trailer Options			
190-1834	80 GAL WATER SYSTEM KIT - FX25	\$1,545.16	S
190-1835	200 GAL WATER SYSTEM KIT - FX25	\$2,144.14	S
WATER HOSE REEL (Select with water only)			
601-132	WATER HOSE REEL SUB ASSY	\$550.77	S
HOSE / TOOL STORAGE (Select one)			
310-893	SUCTION TOOL	\$309.85	D
Shipped with: 318-652 3" SUCTION HOSE-50'-M/F		\$580.50	D
350-3706 3" & 4" HOSE AND TOOL RACK (With trailer)		\$469.36	S
190-1821 3" & 4" HOSE AND TOOL RACK (Without trailer)		\$469.36	S
153-954 REDUCER 4 1/2 FHCM-3 1/2 FHCF		\$62.52	C
		\$1,422.23	
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71	D
Shipped with: 320-800 4" HOSE (25')		\$563.77	D
350-3706 3" & 4" HOSE AND TOOL RACK		\$469.36	S
190-1821 3" & 4" HOSE AND TOOL RACK		\$469.36	S
		\$1,584.84	
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
NOTE: Equipment Registration Activates GPS and Telematics Boxes			
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
NOTE: Sold in One Year Increments			



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FX25

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
310-894	TWO IN ONE TOOL	\$933.04 D
315-651	7' SUCTION TOOL	\$254.93 D
150-2624	PROSPECTOR NOZZLE (#3)	\$226.00 B
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
190-2102	FX25/MV800 UPTIME KIT	\$89.00 B
WATER HEATER (Optional)		
190-2045	HEATER KIT (Without trailer)	\$6,322.51 S

TRAILERS (Optional)**T9S BASIC UNIT** (for use with 80 gallon water tank)

025-1023	T9S VAC TRAILER	\$7,265.02 S
025-1024	T9SH VAC TRAILER	\$9,114.35 S

T12SE BASIC UNIT (for use with 200 gallon water tank)

025-1021	T12SE TRAILER ASSEMBLY	\$10,100.82 S
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NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,400.00 A



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FX30

Changes since the November 1, 2018 price list:

Effective December 1, 2018

DISCONTINUED



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FX30

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX30** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FX30** basic unit includes the following:

- Kubota D1105-E3B liquid-cooled diesel engine (24.8 hp gross) EPA Tier 4 compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

If you select a standard machine configuration, you must also order the "shipped with" items listed below

FX30 STANDARD #1		
FX30B-1	FX30: 800/200gal, Canister, T22S (must order T22 trailer below) - Includes:	
FX30B-BASIC-2	FX30B: Suction Only Power Pack	
350-3816	FX30 800 GAL PARTS ASM	
350-3728	GEAR PUMP HYDRAULICS 800 GAL	
350-2458	WATER TANK SUB, 200 GALLON	
350-5008	TANK (800 GAL)	
601-787	SHUTOFF ASSEMBLY	
350-3777	FILTER ASSEMBLY	
350-3693	FILTER STAND	
350-3880	EXPANSION CANISTER ASSEMBLY	
601-132	WATER HOSE REEL SUB ASSY	
350-3768	4" ELBOW AND HOSE BARB	
350-3706	3" & 4" HOSE AND TOOL RACK	
270-6009	800 GALLON PRODUCTION KIT	\$43,032.70
025-1029	T22 TRAILER	\$12,424.98
	Total	\$55,457.68



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FX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
FX30 STANDARD #2			
FX30B-2	FX30: 500gal, 80gal, no Reverse Flow (must order T9S trailer below) - Includes:		
FX30B-BASIC-2	FX30B: Suction Only Power Pack		
350-3815	FX30 500 GAL PARTS ASM		
350-3041	GEAR PUMP HYDRAULICS - T9		
350-2457	WATER TANK SUB, 80 GALLON		
350-5006	TANK AND SKID 500 GAL		
601-787	SHUTOFF ASSEMBLY		
350-3777	FILTER ASSEMBLY		
350-3693	FILTER STAND		
350-3880	EXPANSION CANISTER ASSEMBLY		
601-132	WATER HOSE REEL SUB ASSY		
350-3768	4" ELBOW AND HOSE BARB		
350-3706	3" & 4" HOSE AND TOOL RACK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$40,804.15	S
025-1023	T9S VAC TRAILER	\$7,265.02	S
	Total	\$48,069.17	S

FX30 STANDARD #3			
FX30B-3	FX30: 500gal, 200gal, no Reverse Flow (must order T12SE trailer below) - Includes:		
FX30B-BASIC-2	FX30B: Suction Only Power Pack		
350-3815	FX30 500 GAL PARTS ASM		
350-3733	GEAR PUMP HYDRAULICS 500 GAL		
350-2459	T-12 WATER TANK SUB, 200 GALLON		
350-5006	TANK AND SKID 500 GAL		
601-787	SHUTOFF ASSEMBLY		
350-3777	FILTER ASSEMBLY		
350-3693	FILTER STAND		
350-3880	EXPANSION CANISTER ASSEMBLY		
601-132	WATER HOSE REEL SUB ASSY		
350-3768	4" ELBOW AND HOSE BARB		
350-3706	3" & 4" HOSE AND TOOL RACK		
350-3750	AIR INLET RELOCATION SUB		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$41,025.43	S
025-1021	T12SE TRAILER ASSEMBLY	\$10,100.82	S
	Total	\$51,126.25	S



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FX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FX30 (Select one per category)		
POWER PACK		
270-5535	FX30 T4F POWER PACK PROD DECAL KIT	\$30.00 C
270-5536	FX30 T4F POWER PACK PROD DECAL KIT FR	\$90.48 C
270-5537	FX30 T4F POWER PACK PROD DECAL KIT GR	\$90.48 C
270-5538	FX30 T4F POWER PACK PROD DECAL KIT IT	\$90.48 C
270-5539	FX30 T4F POWER PACK PROD DECAL KIT SP	\$90.48 C
270-5540	FX30 T4F POWER PACK ISO DECAL KIT	\$64.08 C
TANK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11 C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00 C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00 C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00 C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00 C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61 C
270-6009	800 GALLON PRODUCTION KIT	\$27.10 C
270-6017	800 GALLON PRODUCTION KIT FR	\$84.95 C
270-6018	800 GALLON PRODUCTION KIT GR	\$84.95 C
270-6011	800 GALLON ISO KIT	\$108.73 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		

POWER PACKS (Select one)		
FX30B-BASIC-1	FX30B: Reverse Flow Power Pack	\$26,232.20 S
FX30B-BASIC-2	FX30B: Suction Only Power Pack	\$24,296.44 S



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FX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
FILTERS (Select one from Canister or Cyclone section)					
CANISTER FILTER OPTIONS					
With trailer					
350-3777	FILTER ASSEMBLY			\$1,310.52	S
	Shipped with: 350-3693 FILTER STAND (80, 200 GAL WATER)	2 required	\$217.54	\$435.08	S
	350-3693 FILTER STAND (300 GAL WATER)	1 required		\$217.54	S
	350-3915 FILTER STAND (300 GAL WATER)	1 required		\$263.64	S
	350-3880 EXPANSION CANISTER ASSEMBLY			\$749.06	S
	350-3750 AIR INLET RELOCATION SUB (500 SPOILS & 200 WATER)			\$173.04	S
	350-3796 4" 180 DEGREE HOSE TRANSITION (800 SPOILS & 300 WATER)			\$370.65	S
	350-3768 4" ELBOW AND HOSE BARB			\$204.73	C
With reverse flow and 500 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required	\$3.78	\$359.10	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	162 required	\$3.78	\$612.36	D
Without trailer					
190-1856	VAC FILTER KIT			\$1,767.09	S
	Shipped with: 190-2097 CANISTER BASKET KIT			\$749.06	S
With reverse flow and 500 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required	\$3.78	\$359.10	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	162 required	\$3.78	\$612.36	D
CYCLONE FILTER OPTIONS					
With trailer					
350-3779	CYCLONE ASSEMBLY			\$2,726.18	S
	Shipped with: 350-3777 FILTER ASSEMBLY			\$1,310.52	S
	350-3693 FILTER STAND			\$217.54	S
	350-3767 4" COLLAR AND HOSE BARB (500 w/o reverse flow)			\$180.52	C
	350-3768 4" ELBOW AND HOSE BARB (500 w/ reverse flow or any 800)			\$204.73	C
	350-3796 4" 180 DEGREE HOSE TRANSITION (800 SPOILS & 300 WATER)			\$370.65	S
	350-3915 FILTER STAND (300 GAL WATER) (800 SPOILS & 300 WATER)			\$263.64	S
	301-4658 HORIZONTAL CYCLONE LID (500 SPOILS no reverse)			\$311.83	S
	301-4659 VERTICAL CYCLONE LID (500 w/ reverse flow or any 800)			\$311.83	S
	350-3750 AIR INLET RELOCATION SUB (500 SPOILS & 200 WATER)			\$173.04	S
With reverse flow and 500 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required	\$3.78	\$359.10	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	162 required	\$3.78	\$612.36	D
Without trailer					
190-2058	CYCLONE KIT			\$2,665.10	S
	Shipped with: 190-1856 VAC FILTER KIT			\$1,767.09	S
With reverse flow and 500 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	95 required	\$3.78	\$359.10	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	162 required	\$3.78	\$612.36	D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX30 - 524)



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FX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
SPOILS TANKS (Select one)			
350-5006	TANK AND SKID 500 GAL	\$11,063.32	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74	S
		\$11,643.06	S
350-5008	TANK (800 GAL)	\$11,913.80	S
	Shipped with: 350-5017 800 GAL SKID AND HARDWARE	\$1,002.84	S
	601-787 SHUTOFF ASSEMBLY	\$579.74	S
		\$13,496.38	S
(Select one of the following options)			
With Trailer Options			
350-3815	FX30 500 GAL PARTS ASM	\$629.99	S
350-3816	FX30 800 GAL PARTS ASM	\$766.94	S
Without Trailer Options			
190-1843	FX30 500 GAL PARTS KIT	\$591.12	S
190-1844	FX30 800 GAL PARTS KIT	\$698.60	S
GEAR PUMP HYDRAULICS			
ships when ordering 500 gallon spoils with no trailer or 200 gallon water with trailer			
350-3733	GEAR PUMP HYDRAULICS 500 GAL	\$301.48	S
ships when ordering 500 gallon spoils with 80 gallon water with trailer			
350-3041	GEAR PUMP HYDRAULICS - T9	\$334.37	S
ships when ordering 800 gallon spoils			
350-3728	GEAR PUMP HYDRAULICS 800 GAL	\$257.80	S
WATER TANKS (Select one if ordering 500 gal spoils tank)			
With Trailer Options			
350-2457	WATER TANK SUB, 80 GALLON	\$1,317.01	S
350-2459	T-12 WATER TANK SUB, 200 GALLON	\$1,712.37	S
Without Trailer Options			
190-1836	80 GAL WATER SYSTEM KIT	\$1,360.16	S
190-1837	200 GAL WATER SYSTEM KIT	\$1,856.57	S
WATER TANKS (Select one if ordering 800 gal spoils tank)			
With Trailer Options			
350-2458	WATER TANK SUB, 200 GALLON	\$1,721.99	S
350-2460	WATER TANK SUB, 300 GALLON	\$2,891.30	S
Without Trailer Options			
190-1837	200 GAL WATER SYSTEM KIT	\$1,856.57	S
190-1838	300 GAL WATER SYSTEM KIT	\$2,897.93	S
WATER HOSE REEL (Select)			
601-132	WATER HOSE REEL SUB ASSY	\$550.77	S



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**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
HOSE / TOOL STORAGE (Select one)			
310-893	SUCTION TOOL	\$309.85	D
	Shipped with: 318-652 3" SUCTION HOSE-50'-M/F	\$580.50	D
	350-3706 3" & 4" HOSE AND TOOL RACK (With trailer)	\$469.36	S
	190-1821 3" & 4" HOSE AND TOOL RACK (Without trailer)	\$469.36	S
	153-954 REDUCER 4 1/2 FHCM-3 1/2 FHCF	\$62.52	C
		\$1,422.23	
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71	D
	Shipped with: 320-800 4" HOSE (25')	\$563.77	D
	350-3706 3" & 4" HOSE AND TOOL RACK (With trailer)	\$469.36	S
	190-1821 3" & 4" HOSE AND TOOL RACK (Without trailer)	\$469.36	S
		\$1,584.84	
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
	NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
	NOTE: Sold in One Year Increments		
ACCESSORIES			
310-894	TWO IN ONE TOOL	\$933.04	D
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D
315-651	7' SUCTION TOOL	\$254.93	D
150-2624	PROSPECTOR NOZZLE (#3)	\$226.00	B
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25	B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C
601-163	HOSE STORAGE COMPONENTS (Without trailer)	\$1,608.38	S
	Shipped with: 310-861 3" SUCTION HOSE-15'-M/F	\$270.31	D
		\$1,878.69	
190-2104	FX30/FXT30 T3/T4F (NOT T4i) UPTIME KIT	\$1,110.00	B



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FX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS (Optional)			
With Trailer Options			
350-4856	VAC BOOM ASS'Y (500 G,GEAR PUMP HYD, OH)	\$6,439.53	S
	Shipped with: 350-4199 WIRELESS SYSTEM - FX30	\$2,463.30	S
		\$8,902.83	S
350-4858	VAC BOOM ASSEMBLY (GEAR PUMP HYD, OH) (With trailer, 800 gal spoils tank only)	\$5,907.83	S
	Shipped with: 350-3866 HYD. VALVE KIT	\$621.94	S
	350-4199 WIRELESS SYSTEM - FX30	\$2,463.30	S
		\$8,993.07	S
Without Trailer Options			
190-2648	VAC BOOM ASS'Y (500 G, GEAR PUMP HYD,OH)	\$5,108.29	S
	Shipped with: 190-2357 WIRELESS SYSTEM - FX30	\$2,266.00	S
		\$7,374.29	S
190-2651	KIT- VAC BOOM ASS,Y (GEAR PUMP HYD, OH) (Without trailer, 800 gal spoils tank only)	\$5,108.29	S
	Shipped with: 190-2078 KIT- HYD. VALVE KIT	\$541.69	S
	190-2357 WIRELESS SYSTEM - FX30	\$2,266.00	S
		\$7,915.98	S

WATER HEATER (Optional)			
191-1043	FX30 HEATER KIT (BASKET)	(Without trailer)	\$6,077.00 S
350-3710	HEATER SUB 800 GAL	(800 gal spoils tank with trailer)	\$6,839.41 S

TRAILERS (Optional)**T9S BASIC UNIT** (for use with 500 gallon spoils tank and 80 gallon water tank)

025-1023	T9S VAC TRAILER	\$7,265.02	S
025-1024	T9SH VAC TRAILER	\$9,114.35	S

T12SE BASIC UNIT (for use with 500 gallon spoils tank and 200 gallon water tank)

025-1021	T12SE TRAILER ASSEMBLY	\$10,100.82	S
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T22S BASIC UNIT (for use with 800 gallon spoils tank)

025-1029	T22 TRAILER	\$12,424.98	S
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NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,400.00 A



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HX30

Changes since the November 1, 2018 price list:

Effective December 1, 2018



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HX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® HX30** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine used to expose buried utilities.

The **Ditch Witch® HX30** basic unit includes the following:

- Kubota D1105-E3B liquid-cooled diesel engine (24.8 hp gross) EPA Tier 4 compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

HX30 STANDARD #1

Includes: Basic Assembly, Production Decal Kit, Controls

3in Hose and Tooling

Suction Only

500 Gallon Debris Trailer (Includes 200 water and cyclone filter)

\$41,081.75

VT14 500 GAL STANDARD TRAILER

Manual Trailer Jack

\$10,428.25

Total \$51,510.00 S

HX30 STANDARD #2

Includes: Basic Assembly, Production Decal Kit, Controls

3in Hose and Tooling

Reverse Flow

800 Gallon Debris Light (Includes 200 water and cyclone filter)

\$43,152.25

VT20 800 GAL STANDARD TRAILER

Manual Trailer Jack

\$15,427.75

Total \$58,580.00 S

HX30 STANDARD #3

Includes: Basic Assembly, Production Decal Kit, Controls

3in Hose and Tooling

Reverse Flow

No Powered Boom

800 Gallon Debris Heavy

\$45,268.20

VT24 800 GAL HEAVY TRAILER (Includes 400 water and cyclone filter)

Manual Trailer Jack

\$17,952.75

Total \$63,220.95 S



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HX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HX30 BASIC UNIT		
	Basic Power Pack Includes: Basic Assembly, Production Decal Kit, Controls	\$21,790.75 S
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$27.28 S
	ISO Decal Kit	\$209.60 S
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		
TANK (Select one)		
	500 Gallon Debris Trailer (Includes 200 water and cyclone filter)	\$18,281.00 S
	800 Gallon Debris Light (Includes 200 water and cyclone filter)	\$19,291.00 S
	800 Gallon Debris Heavy (Includes 400 water and cyclone filter)	\$21,311.00 S
HOSE AND TOOLING (Select one)		
	3in Hose and Tooling	\$656.50 S
	4in Hose and Tooling	\$994.85 S
REVERSE FLOW (Select one)		
	Reverse Flow	\$1,414.00 S
	Suction Only	\$353.50 S
TRAILER JACK (Select one)		
	Manual Trailer Jack	\$277.75 S
	Hydraulic Trailer Jack	\$1,313.00 S
VAC BOOM (Select one)		
	Powered Boom with 4in Hose Lights	\$13,032.70 S
	Jib Boom	\$1,414.00 S
	No Powered Boom (Only needed on 800 heavy)	\$95.95 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$262.60 S
WATER HEATER (Optional)		
	Water Heater	\$6,312.50 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HX30 - 530)



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HX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
TRAILERS (Optional)			
VT12 (For use with 500 gallon spoils tank and 200 gallon water tank)			
025-1040	VT12 500 GAL STANDARD TRAILER	\$10,150.50	S
VT14 (For use with 500 gallon spoils tank and 200 gallon water tank)			
025-1035	VT14 500 GAL STANDARD TRAILER	\$10,150.50	S
VT17 (For use with 500 gallon spoils tank and 200 gallon water)			
025-1038	VT17 500 GAL HEAVY TRAILER (Includes a heavy tank that can accept powered boom)	\$13,000.00	S
VT20 (For use with 800 gallon spoils tank and 200 gallon water tank)			
025-1033	VT20 800 GAL STANDARD TRAILER	\$15,150.00	S
VT24 (For use with 800 gallon spoils tank and 400 gallon water tank)			
025-1034	VT24 800 GAL HEAVY TRAILER	\$17,675.00	S
ACCESSORIES			
259-1012	PROSPECTOR EXTENSION, 48" LG W/ FITTING	\$18.25	B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C
310-894	TWO IN ONE TOOL	\$933.04	D
315-651	7' SUCTION TOOL	\$254.93	D
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D
205-0017	T/W (235/75R-17.5)	\$434.85	C
205-1237	T/W (ST235/80R16)	\$170.65	C
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
190-2454	HX30 UPTIME KIT	\$54.94	B
190-2807	HYDRAULIC JACK (Compatible with VT12, VT14, VT17, VT20 and VT24)	\$1,176.65	D
190-2385	TRAILER TONGUE TOOLBOX (Compatible with VT12, VT14, VT17, VT20 and VT24)	\$571.20	C
190-2389	REVERSE FLOW KIT (HX30 BEFORE S/N 172) (Compatible with VT12, VT14, VT20 and VT24)	\$1,500.00	D
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25	B
190-2568	GPS ONLY FOR GPS-READY	\$545.90	D
190-2590	HEATER KIT (800 GAL TRAILER & LC) (Compatible with VT20 and VT24)	\$5,750.00	D
190-2591	HEATER KIT (500 GAL TRAILER & LC) (Compatible with VT12, VT14 and VT17)	\$5,750.00	D
190-2592	POWERED BOOM ARM KIT (Compatible with VT17 and VT24)	\$9,090.00	D
190-2593	POWERED BOOM CONTROL KIT (HX30) (Compatible with VT17 and VT24)	\$2,323.00	D
190-2595	POWERED BOOM HOSE KIT (4") (Compatible with VT17 and VT24)	\$202.00	D
190-2797	REVERSE FLOW KIT - HX30	\$1,277.65	D
190-2800	WATER AIR GAP (100 GAL TANK) (Compatible with VT12, VT14, VT17 and VT20)	\$237.35	D
190-2801	WATER AIR GAP (200 GAL TANK) (Compatible with VT24)	\$237.35	D
190-2802	TRAFFIC CONE STORAGE (Compatible with VT12, VT14, VT17, VT20 and VT24)	\$50.50	D
190-2803	SPARE TIRE CARRIER (Compatible with VT12, VT14, VT17, VT20 and VT24)	\$282.80	D
190-2804	REAR WORK LIGHTS (Compatible with VT12, VT14, VT17, VT20 and VT24)	\$136.35	D
190-2808	ARTICULATING JIB (Compatible with VT12 and VT17)	\$1,277.65	D
ENVIRONMENTAL HYDRAULIC OIL			
	Environmental Oil	5 Gallons	\$357.85 S



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HX30

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$1,400.00 A



CONFIDENTIAL

HX30 (loose configured)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HX30 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® HX30** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine used to expose buried utilities.

The **Ditch Witch® HX30** basic unit includes the following:

- Kubota D1105-E3B liquid-cooled diesel engine (24.8 hp gross) EPA Tier 4 compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

NOTE: Loose configured units are available for a variety, dealer or customer, customized mounting options are available, and does not come with a trailer

HX30 STANDARD #1

Includes: Basic Assembly, Production Decal Kit, Controls
3in Hose and Tooling
Suction Only
No Powered Boom LC
500 Gallon Debris Heavy LC
200 Water Gallon System LC

Total \$44,125.75 S**HX30 STANDARD #2**

Includes: Basic Assembly, Production Decal Kit, Controls
3in Hose and Tooling
Suction Only
No Powered Boom LC
800 Gallon Debris Heavy LC
400 Water Gallon System LC

Total \$46,570.75 S**HX30 BASIC UNIT**

Basic Power Pack

Includes: Basic Assembly, Production Decal Kit, Controls

\$21,790.75 S**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit

\$27.28 S

ISO Decal Kit

\$209.60 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



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HX30 (loose configured)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TANK (Select one)		
	500 Gallon Debris Heavy LC	\$18,500.00 S
	800 Gallon Debris Heavy LC	\$20,245.00 S
HOSE AND TOOLING (Select one)		
	3in Hose and Tooling	\$656.50 S
	4in Hose and Tooling	\$994.85 S
REVERSE FLOW (Select one)		
	Reverse Flow	\$1,414.00 S
	Suction Only	\$353.50 S
VAC BOOM (Select one)		
	PB with 4in Hose,Lights,LC	\$12,380.00 S
	Jib Boom LC	\$1,635.00 S
	No Powered Boom LC	\$25.00 S
WATER GALLON SYSTEM (Optional)		
	100 Water Gallon System LC	\$2,000.00 S
	200 Water Gallon System LC	\$2,800.00 S
	400 Water Gallon System LC	\$3,500.00 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$262.60 S
WATER HEATER (Optional)		
	Water Heater LC	\$6,000.00 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S
ACCESSORIES		
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
310-894	TWO IN ONE TOOL	\$933.04 D
315-651	7' SUCTION TOOL	\$254.93 D
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
190-2454	HX30 UPTIME KIT	\$54.94 B
190-2389	REVERSE FLOW KIT (HX30 BEFORE S/N 172)	\$1,500.00 D
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25 B
190-2568	GPS ONLY FOR GPS-READY	\$545.90 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HX30 (loose configured) - 535)



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HX30 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES (Continued)		
190-2590	HEATER KIT (800 GAL TRAILER & LC)	\$5,750.00 D
190-2591	HEATER KIT (500 GAL TRAILER & LC)	\$5,750.00 D
190-2592	POWERED BOOM ARM KIT	\$9,090.00 D
190-2593	POWERED BOOM CONTROL KIT (HX30)	\$2,323.00 D
190-2595	POWERED BOOM HOSE KIT (4")	\$202.00 D
190-2797	REVERSE FLOW KIT - HX30	\$1,277.65 D
190-2800	WATER AIR GAP (100 GAL TANK)	\$237.35 D
190-2801	WATER AIR GAP (200 GAL TANK)	\$237.35 D
190-2802	TRAFFIC CONE STORAGE	\$50.50 D
190-2804	REAR WORK LIGHTS	\$136.35 D
190-3024	ARTICULATING JIB (LC)	\$1,510.00 D
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	5 Gallons \$357.85 S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,400.00 A



CONFIDENTIAL

FX50 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX50** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FX50** basic unit includes the following:

- Deutz D2011L03I diesel engine (49 hp gross) EPA Tier 4i, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Water lance
- Antifreeze kit

If you select a standard machine configuration, you must also order the "shipped with" items listed below

POWER PACKS (Select one)		
350-3688	FX50 POWER PAC - REV FLOW	\$36,954.86 S
	Shipped with: 350-1463 FRONT SWING DOORS	\$727.17 S
		\$37,682.03 S
350-3039	FX50 POWER PAC - SUCTION ONLY	\$35,024.38 S
	Shipped with: 350-1463 FRONT SWING DOORS	\$727.17 S
		\$35,751.55 S



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FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FX50 (Select one per category)		
POWER PACK		
270-2772	FX50 POWER PACK PROD. DECAL KIT	\$30.00 C
270-2773	FX50 POWER PACK PROD. DECAL KIT FR	\$99.43 C
270-2774	FX50 POWER PACK PROD. DECAL KIT GR	\$99.43 C
270-2775	FX50 POWER PACK PROD. DECAL KIT IT	\$99.43 C
270-2776	FX50 POWER PACK PROD. DECAL KIT SP	\$99.43 C
270-2777	FX50 POWER PACK PROD. ISO DECAL KIT	\$40.89 C
TANK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11 C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00 C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00 C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00 C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00 C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61 C
270-6021	300 GALLON PRODUCTION KIT	\$34.88 C
270-6023	300 GALLON ISO KIT	\$108.73 C
270-6009	800 GALLON PRODUCTION KIT	\$27.10 C
270-6017	800 GALLON PRODUCTION KIT FR	\$84.95 C
270-6018	800 GALLON PRODUCTION KIT GR	\$84.95 C
270-6011	800 GALLON ISO KIT	\$108.73 C
270-5894	1200 GAL PRODUCTION KIT	\$60.36 C
270-5901	1200 GAL PROD KIT FR	\$39.57 C
270-5903	1200 GAL PROD. KIT GR	\$39.57 C
270-5899	1200 GAL PROD KIT IT	\$39.57 C
270-5905	1200 GAL PROD. KIT SP	\$39.57 C
270-5896	1200 GAL ISO KIT	\$120.38 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		



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FX50 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
FILTERS (Select one from Canister, Cyclone or Standard section)					
CANISTER FILTER OPTIONS					
With trailer (300 and 800 gallon spoils tank only)					
350-3777	FILTER ASSEMBLY			\$1,310.52	S
	Shipped with: 350-3693 FILTER STAND (80 GAL and 200 GAL WATER)	2 required	\$217.54	\$435.08	S
	350-3693 FILTER STAND (300 GAL WATER)	1 required		\$217.54	S
	350-3915 FILTER STAND (300 GAL WATER)			\$263.64	S
	350-3880 EXPANSION CANISTER ASSEMBLY			\$749.06	S
With reverse flow and 300 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	103 required	\$3.78	\$389.34	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	156 required	\$3.78	\$589.68	D
Without trailer (500 or 800 gallon spoils tanks)					
190-1856	VAC FILTER KIT			\$1,767.09	S
	Shipped with: 190-2097 CANISTER BASKET KIT			\$749.06	S
With reverse flow and 500 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required	\$3.78	\$132.30	D
With reverse flow and 800 gallon spoils tank					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	156 required	\$3.78	\$589.68	D
1,200 Gallon with or without trailer					
350-3927	FX50 REV FLOW 1200 GAL FILTER PARTS			\$2,978.45	S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required	\$3.78	\$132.30	D
continued...					



CONFIDENTIAL

FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
continued...		
FILTERS (Select one from Canister or Cyclone section)		
CYCLONE FILTER OPTIONS		
With trailer (300 and 800 gallon spoils tank only)		
350-3779	CYCLONE ASSEMBLY	\$2,726.18 S
	Shipped with: 301-4659 VERTICAL CYCLONE LID	\$311.83 S
	350-3777 FILTER ASSEMBLY	\$1,310.52 S
	350-3693 FILTER STAND (300 GAL and 800 GAL spoils tank)	\$217.54 S
	350-3915 FILTER STAND (300 GAL WATER)	\$263.64 S
With reverse flow and 300 gallon spoils tank		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH) 103 required	\$3.78 \$389.34 D
With reverse flow and 800 gallon spoils tank		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH) 156 required	\$3.78 \$589.68 D
Without trailer (500 or 800 gallon spoils tanks)		
190-2058	CYCLONE KIT	\$2,665.10 S
	Shipped with: 190-1856 VAC FILTER KIT	\$1,767.09 S
	190-2057 CYCLONE STAND KIT	\$558.29 D
With reverse flow and 500 gallon spoils tank		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH) 35 required	\$3.78 \$132.30 D
With reverse flow and 800 gallon spoils tank		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH) 156 required	\$3.78 \$589.68 D
1,200 Gallon with or without trailer		
350-3928	FX50 REV FLOW 1200 GAL CYCLONE PARTS	\$4,577.99 S
	Shipped with: 350-2477 SPRAY HOSE ASSY	\$271.37 S
	150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH) 35 required	\$3.78 \$132.30 D
350-3930	FX50 SUCTION ONLY 1200 GAL CYCLONE PARTS	\$3,673.43 S
	Shipped with: 350-2477 SPRAY HOSE ASSY	\$271.37 S
STANDARD FILTER OPTION		
With or without trailer (1200 gallon spoils tank only)		
350-3929	FX50 SUCTION ONLY 1200 GAL FILTER PARTS	\$2,811.88 S



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FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
SPOILS TANK (Select one)		
350-5006	TANK AND SKID 500 GAL	\$11,063.32 S
	Shipped with: 350-3046 PRIMARY SHUTOFF 300 GALLON (With 300 gallon spoils tank)	\$719.24 S
	601-787 SHUTOFF ASSEMBLY (With 500 gallon spoils tank)	\$579.74 S
350-5008	TANK (800 GAL)	\$11,913.80 S
	Shipped with: 350-5017 800 GAL SKID AND HARDWARE	\$1,002.84 S
	601-787 SHUTOFF ASSEMBLY (With 800 gallon spoils tank)	\$579.74 S
		\$13,496.38 S
1,200 gallon spoils tank (Select One)		
300-4303	1200 GA. TANK (TRAILER MOUNT) (Must choose 500 gallon water tank below)	\$7,703.16 S
300-4302	1200 GA. VAC TANK (Must choose 500 gallon water tank below)	\$6,822.86 S
Both shipped with:		
	315-336 1200 GALLON TANK LID	\$1,969.09 S
	350-1873 TANK COMPONENTS	\$4,388.25 S
	315-178 SCISSOR LIFT	\$3,052.92 S
	601-787 SHUTOFF ASSEMBLY	\$579.74 S
	350-3861 1200 GAL PLUMBING COMPONENTS	\$2,531.69 S
Without trailer shipped with:		
	Shipped with: 350-1896 1200 GALLON LOOSE KIT	\$3,880.81 S
(Select one of the following options)		
With Trailer Options		
350-3817	FX50 300 GAL PARTS ASSY	\$827.35 S
350-3818	FX50 800 GAL PARTS ASM	\$717.03 S
350-3869	FX50 1,200 GAL PARTS ASSY	\$1,687.79 S
Without Trailer Options		
190-1845	FX50 300/500 GAL PARTS KIT	\$606.72 S
190-1846	FX50 800 GAL PARTS KIT	\$661.88 S
350-3869	FX50 1,200 GAL PARTS ASSY	\$1,687.79 S
GEAR PUMP HYDRAULICS		
350-3038	DIVERTER HYDRAULICS 500 GAL (With 500 gallon spoils tank)	\$843.90 S
350-3045	DIVERTER HYDRAULICS 800 GAL (With 800 gallon spoils tank)	\$843.90 S



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FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WATER TANKS (Select one)		
With Trailer Options		
350-2457	WATER TANK SUB, 80 GALLON (With 300 gallon spoils tank only)	\$1,317.01 S
350-2458	WATER TANK SUB, 200 GALLON (With 800 gallon spoils tank)	\$1,721.99 S
350-2460	WATER TANK SUB, 300 GALLON (With 800 gallon spoils tank)	\$2,891.30 S
350-1886	WATER TANK SUB, 500 GALLON, TRAILER MNT (With 1,200 gallon spoils tank only)	\$3,322.63 S
Without Trailer Options		
190-1836	80 GAL WATER SYSTEM KIT (With 300 gallon spoils tank only)	\$1,360.16 S
190-1837	200 GAL WATER SYSTEM KIT (With 500 and 800 gallon spoils tanks)	\$1,856.57 S
190-1838	300 GAL WATER SYSTEM KIT (With 800 gallon spoils tank only)	\$2,897.93 S
350-2701	TANK SUB (With 1,200 gallon spoils tank only)	\$4,324.27 S
WATER HOSE REEL (Select)		
601-132	WATER HOSE REEL SUB ASSY	\$550.77 S
HOSE / TOOL STORAGE (Select one)		
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71 D
	Shipped with: 320-800 4" HOSE (25') (300, 500, or 800 gal spoils tank only)	\$563.77 D
	350-3706 3" & 4" HOSE AND TOOL RACK (300 or 800 gal with trailer)	\$469.36 S
	190-1821 3" & 4" HOSE AND TOOL RACK (300, 500, or 800 gal w/o trailer)	\$469.36 S
	601-293 4" TOOL RACK (1,200 gallon with/without trailer)	\$679.53 S
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
	NOTE: Equipment Registration Activates GPS and Telematics Boxes	
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
	NOTE: Sold in One Year Increments	
ACCESSORIES		
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
190-2161	FX50/FXT50 T4i UPTIME KIT	\$1,130.00 B



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FX50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
BOOMS (Optional)		
350-4857	VAC BOOM ASS'Y (SECOND GEN. WIRING, OH) (With trailer, 800 gal spoils tank only)	\$6,613.27 S
190-2650	VAC BOOM ASS'Y (SECOND GEN. WIRING, OH) (Without trailer, 800 gal spoils tank only)	\$5,951.39 S
190-2652	VAC BOOM ASS'Y (500 G, SEC GEN WIRING, OH) (Without trailer, 500 gal spoils tank only)	\$5,951.39 S
1,200 Gallon Tank (Select One)		
350-3862	1200 GAL NO BOOM KIT	\$108.11 S
350-4860	1200G VAC BOOM ASS'Y (SEC GEN. WIRING, OH)	\$6,745.64 S
WATER HEATER (Optional)		
190-2045	HEATER KIT (300, 500, 800 gal spoils without trailer)	\$6,322.51 S
350-3710	HEATER SUB 800 GAL (800 gal spoils tank with trailer)	\$6,839.41 S
350-1874	WATER HEATER COMPONENTS (1,200 gal spoils tank with trailer)	\$7,473.71 S
350-2248	HEATER COMPONENTS (1,200 gal spoils tank without trailer)	\$6,563.62 S

TRAILERS (Optional)**T9S BASIC UNIT** (for use with 300 gallon spoils tank)

025-1026	T9SE6 VAC TRAILER	\$7,890.12 S
025-1027	T9SH6 VAC TRAILER	\$9,678.52 S

T22S BASIC UNIT (for use with 800 gallon spoils tank)

025-1029	T22 TRAILER	\$12,424.98 S
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T26S BASIC UNIT (for use with 1,200 gallon spoils tank)

025-1025	T26S VAC TRAILER	\$19,454.60 S
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NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

FX50 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX50** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FX50** basic unit includes the following:

- Deutz D2.9 L4, water-cooled diesel engine (48.8 hp gross @ 2,600 rpm) EPA Tier 4, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Water lance
- Antifreeze kit

If you select a standard machine configuration, you must also order the "shipped with" items listed below

FX50 T4 STANDARD #1		
FX50B-1	FX50: 800/200gal,RevFl,Cyc,NoBoom,T22S (must order T22 trailer below) - Includes:	
FX50B-BASIC-1	FX50B: Reverse Flow Power Pack	
601-132	WATER HOSE REEL SUB ASSY	
350-5008	TANK (800 GAL)	
350-4068	GEAR PUMP HYDRAULICS 800 GAL (TIER 4)	
350-4070	800 GAL PARTS ASM	
601-787	SHUTOFF ASSEMBLY	
350-2458	WATER TANK SUB, 200 GALLON	
150-3675	BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 included
350-3693	FILTER STAND	
350-3779	CYCLONE ASSEMBLY	
301-4659	VERTICAL CYCLONE LID	
350-4031	FILTER ASSEMBLY	
350-3706	3" & 4" HOSE AND TOOL RACK	
270-6009	800 GALLON PRODUCTION KIT	\$67,842.50
025-1029	T22 TRAILER	\$12,424.98
	Total	\$80,267.48



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FX50 T4 (Select one per category)		
POWER PACK		
270-5909	FX50 T4F PRODUCTION KIT	\$43.52 C
270-5918	FX50 T4F PROD KIT FR	\$136.81 C
270-5917	FX50 T4F PROD KIT GR	\$136.81 C
270-5920	FX50 T4F PROD KIT IT	\$136.81 C
270-5919	FX50 T4F PROD KIT SP	\$136.81 C
270-7439	FX50 T4F PROD KIT SW	\$136.81 C
270-5910	FX50 T4F ISO DECAL KIT	\$67.48 C
TANK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11 C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00 C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00 C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00 C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00 C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61 C
270-6009	800 GALLON PRODUCTION KIT	\$27.10 C
270-6017	800 GALLON PRODUCTION KIT FR	\$84.95 C
270-6018	800 GALLON PRODUCTION KIT GR	\$84.95 C
270-6011	800 GALLON ISO KIT	\$108.73 C
270-5894	1200 GAL PRODUCTION KIT	\$60.36 C
270-5901	1200 GAL PROD KIT FR	\$39.57 C
270-5903	1200 GAL PROD. KIT GR	\$39.57 C
270-5899	1200 GAL PROD KIT IT	\$39.57 C
270-5905	1200 GAL PROD. KIT SP	\$39.57 C
270-5896	1200 GAL ISO KIT	\$120.38 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		

POWER PACKS (Select one)		
FX50B-BASIC-1	FX50B: Reverse Flow Power Pack	\$48,767.17 S
FX50B-BASIC-2	FX50B: Suction Only Power Pack	\$45,883.59 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX50 (highly regulated) - 547)



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION			MSRP (USD)	
FILTERS (Select one from Canister or Cyclone section)					
CANISTER FILTER OPTIONS 500 SPOILS					
Without trailer					
190-2289	VAC FILTER KIT			\$1,434.07	S
	Shipped with: 190-2097 CANISTER BASKET KIT			\$749.06	S
With reverse flow					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required	\$3.78	\$132.30	D
CANISTER FILTER OPTIONS 800 SPOILS					
With trailer					
350-4031	FILTER ASSEMBLY			\$1,310.52	S
	Shipped with: 350-3693 FILTER STAND (200 GAL WATER)	2 required	\$217.54	\$435.08	S
	350-3693 FILTER STAND (300 GAL WATER)	1 required		\$217.54	S
	350-3915 FILTER STAND (300 GAL WATER)	1 required		\$263.64	S
	350-3880 EXPANSION CANISTER ASSEMBLY			\$749.06	S
With reverse flow					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required	\$3.78	\$128.52	D
Without trailer					
190-2289	VAC FILTER KIT			\$1,434.07	S
	Shipped with: 190-2097 CANISTER BASKET KIT			\$749.06	S
With reverse flow					
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required	\$3.78	\$128.52	D
CANISTER FILTER OPTIONS 1200 SPOILS					
With trailer					
350-4109	REV FLOW 1200 GAL FILTER PARTS			\$2,537.20	S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required	\$3.78	\$132.30	D
Without trailer					
350-4146	REV FLOW 1200 G FILTER PARTS, NO TRAILER			\$2,537.20	S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required	\$3.78	\$132.30	D
continued...					



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
continued...		
FILTERS (Select one from Canister or Cyclone section)		
CYCLONE FILTER OPTIONS 500 SPOILS		
Without trailer		
190-2058	CYCLONE KIT	\$2,665.10 S
	Shipped with: 190-2289 VAC FILTER KIT	\$1,434.07 S
	190-2057 CYCLONE STAND KIT	\$558.29 D
With reverse flow		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required \$3.78 \$132.30 D
CYCLONE FILTER OPTIONS 800 SPOILS		
With trailer		
350-4031	FILTER ASSEMBLY	\$1,310.52 S
	Shipped with: 350-3779 CYCLONE ASSEMBLY	\$2,726.18 S
	350-3693 FILTER STAND	\$217.54 S
	350-3915 FILTER STAND (300 GAL WATER)	\$263.64 S
	301-4659 VERTICAL CYCLONE LID	\$311.83 S
With reverse flow		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required \$3.78 \$128.52 D
Without trailer		
190-2058	CYCLONE KIT	\$2,665.10 S
	Shipped with: 190-2289 VAC FILTER KIT	\$1,434.07 S
	190-2057 CYCLONE STAND KIT	\$558.29 D
With reverse flow		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required \$3.78 \$128.52 D
CYCLONE FILTER OPTIONS 1200 SPOILS		
With trailer		
350-4112	SUCTION ONLY 1200 GAL CYCLONE PARTS	\$3,860.96 S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	25 required \$3.78 \$94.50 D
	350-2477 SPRAY HOSE ASSY	\$271.37 S
350-4110	REV FLOW 1200 GAL CYCLONE PARTS	\$3,860.96 S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required \$3.78 \$132.30 D
	350-2477 SPRAY HOSE ASSY	\$271.37 S
Without trailer		
350-4112	SUCTION ONLY 1200 GAL CYCLONE PARTS	\$3,860.96 S
	Shipped with: 350-2477 SPRAY HOSE ASSY	\$271.37 S
	150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	25 required \$3.78 \$94.50 D
350-4147	REV FLOW 1200 G CYC PARTS, NO TRAILER	\$3,860.96 S
	Shipped with: 350-2477 SPRAY HOSE ASSY	\$271.37 S
	150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	35 required \$3.78 \$132.30 D
STANDARD FILTER OPTIONS		
With or without trailer (1200 gallon spoils tank only)		
350-4111	SUCTION ONLY 1200 GAL FILTER PARTS	\$2,537.20 S
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	25 required \$3.78 \$94.50 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX50 (highly regulated) - 549)



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
SPOILS TANK (Select one)			
350-5006	TANK AND SKID 500 GAL	\$11,063.32	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74	S
		\$11,643.06	S
350-5008	TANK (800 GAL)	\$11,913.80	S
	Shipped with: 350-5017 800 GAL SKID AND HARDWARE	\$1,002.84	S
	601-787 SHUTOFF ASSEMBLY	\$579.74	S
		\$13,496.38	S
1,200 gallon spoils tank (Select one)			
300-4303	1200 GA. TANK (TRAILER MOUNT)	\$7,703.16	S
300-4302	1200 GA. VAC TANK	\$6,822.86	S
Both shipped with:			
	315-336 1200 GALLON TANK LID	\$1,969.09	S
	350-1873 TANK COMPONENTS	\$4,388.25	S
	315-178 SCISSOR LIFT	\$3,052.92	S
	601-787 SHUTOFF ASSEMBLY	\$579.74	S
Without trailer shipped with:			
	Shipped with: 350-1896 1200 GALLON LOOSE KIT	\$3,880.81	S
(Select one of the following options)			
With Trailer Options			
350-4070	800 GAL PARTS ASM	\$970.76	S
Without Trailer Options			
190-2290	500 GAL. PARTS KIT	\$970.76	S
190-2291	800 GAL. PARTS KIT	\$970.76	S
1,200 gallon spoils tank			
350-4117	1200 GAL. PARTS ASM	\$1,489.23	S
	Shipped with: 350-2715 1200 GAL PARTS ASSY (With cyclone)	\$298.95	S
		\$1,788.18	S
GEAR PUMP HYDRAULICS			
350-4397	GEAR PUMP HYD 500 GAL (TIER 4) (FELLING)	\$573.63	S
350-4068	GEAR PUMP HYDRAULICS 800 GAL (TIER 4)	\$617.76	S
350-4081	COMMON 1200 GAL HYD TIER 4	\$1,323.76	S



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FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WATER TANKS (Select one)		
With Trailer Options		
350-2458	WATER TANK SUB, 200 GALLON (With 800 gallon spoils tank only)	\$1,721.99 S
350-2460	WATER TANK SUB, 300 GALLON (With 800 gallon spoils tank only)	\$2,891.30 S
350-1886	WATER TANK SUB, 500 GALLON, TRAILER MNT (With 1,200 gallon spoils tank only)	\$3,322.63 S
Without Trailer Options		
190-1837	200 GAL WATER SYSTEM KIT (With 800 gallon spoils tank only)	\$1,856.57 S
190-1838	300 GAL WATER SYSTEM KIT (With 800 gallon spoils tank only)	\$2,897.93 S
350-2701	TANK SUB (With 1,200 gallon spoils tank only)	\$4,324.27 S
WATER HOSE REEL (Select)		
601-132	WATER HOSE REEL SUB ASSY	\$550.77 S
HOSE / TOOL STORAGE (Select one)		
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71 D
	Shipped with: 320-800 4" HOSE (25')	\$563.77 D
	350-3706 3" & 4" HOSE AND TOOL RACK (800 gal with trailer)	\$469.36 S
	190-1821 3" & 4" HOSE AND TOOL RACK (800 gal w/o trailer)	\$469.36 S
	601-293 4" TOOL RACK (1,200 gallon with/without trailer)	\$679.53 S
VACUUM HOSE REEL (Select one)		
601-331	FX50/FX60 VACUUM HOSE REEL	\$4,070.55 S
	Shipped with: 350-4144 VAC HOSE REEL HYD FX50T4	\$359.02 S
IF ORDERING WITHOUT HOSE REEL		
350-4143	NO VAC HOSE REEL HYD FX50T4	\$180.58 S
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
190-2162	FX50/FXT50 T4F UPTIME KIT	\$1,490.00 B

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX50 (highly regulated) - 551)

552

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FX50 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
BOOMS (Optional)			
190-2653	VAC BOOM KIT (GEAR PUMP HYD,500 GAL, OH) (Without trailer, 500 gal spoils tank only)	\$5,698.77	S
	Shipped with: 190-2354 WIRELESS SYSTEM - FX50/60	\$2,426.89	S
		\$8,125.66	S
350-4859	800 G VAC BOOM ASS'Y (GEAR PUMP HYD, OH) (With trailer, 800 gal spoils tank only)	\$6,067.22	S
	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20	S
		\$8,604.42	S
190-2654	VAC BOOM KIT (GEAR PUMP HYD,800 GAL, OH) (Without trailer, 800 gal spoils tank only)	\$5,698.77	S
	Shipped with: 190-2354 WIRELESS SYSTEM - FX50/60	\$2,426.89	S
		\$8,125.66	S
1,200 Gallon Tank (Select One)			
350-4861	1200 GAL VAC BOOM (GEAR PUMP HYD, OH)	\$6,745.64	S
	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20	S
		\$9,282.84	S
350-3862	1200 GAL NO BOOM KIT	\$108.11	S

WATER HEATER (Optional)			
350-4152	HEATER SUB	(800 gal spoils tank with trailer)	\$6,839.41 S
190-2304	HEATER KIT (NO TRAILER)	(800 gal spoils without trailer)	\$6,508.47 S
350-4094	1200 GAL. WATER HEATER COMPONENTS	(1,200 gal spoils tank with trailer)	\$7,473.71 S
350-2248	HEATER COMPONENTS	(1,200 gal spoils tank without trailer)	\$6,563.62 S

TRAILERS (Optional)**T22S BASIC UNIT (for use with 800 gallon spoils tank)**

025-1029 T22 TRAILER \$12,424.98 S

T26S BASIC UNIT (for use with 1,200 gallon spoils tank)

025-1025 T26S VAC TRAILER \$19,454.60 S

NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

HX50

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HX50

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
STANDARD UNIT		
Featuring superior power and versatility, the <i>Ditch Witch</i> ® HX50 is equipped with a 49-hp Kubota® diesel engine to support all machine functions – from potholing and small-slot trenching applications to HDD fluid and jobsite debris cleanup.		
The <i>Ditch Witch</i> ® HX50 basic unit includes the following:		
<ul style="list-style-type: none"> • Insulated engine enclosure • Cylinder assist dumping system • Hydraulic door • Wash wand kit • Antifreeze kit 		
HX50 STANDARD #1		
Includes: Basic Assembly, Production Decal Kit, Controls		
	4in Hose and Tooling	
	Reverse Flow	
	800 Gallon Debris Light (Includes 200 water and cyclone filter)	\$62,499.70
	VT20 800 GAL STANDARD TRAILER	
	Manual Trailer Jack	\$15,430.50
	Total	\$77,930.20 S
HX50 STANDARD #2		
Includes: Basic Assembly, Production Decal Kit, Controls		
	4in Hose and Tooling	
	Reverse Flow	
	No Powered Boom	
	800 Gallon Debris Heavy (Includes 400 water and cyclone filter)	\$63,616.60
	VT24 800 GAL HEAVY TRAILER	
	Manual Trailer Jack	\$17,955.50
	Total	\$81,572.10 S
HX50 BASIC UNIT		
Basic Power Pack		
Includes: Basic Assembly, Production Decal Kit, Controls		
	4in Hose and Tooling	
	Reverse Flow	
		\$41,997.70 S
TRANSLATION DECALS (Select if translation is needed)		
	Foreign Decal Kit	\$45.36 S
	ISO Decal Kit	\$199.07 S
NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States		



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HX50

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TANK (Select one)		
	500 Gallon Debris Heavy (Includes 500 water and cyclone filter)	\$20,475.00
	800 Gallon Debris Light (Includes 200 water and cyclone filter)	\$20,502.00 S
	800 Gallon Debris Heavy (Includes 400 water and cyclone filter)	\$21,522.00 S
VAC BOOM (Select one)		
	Powered Boom with 4in Hose Lights	\$13,161.73 S
	Jib Boom	\$1,428.00 S
	No Powered Boom (Only needed on 800 heavy)	\$96.90 S
TRAILER JACK (Select one)		
	Manual Trailer Jack	\$280.50 S
	Hydraulic Trailer Jack	\$1,326.00 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$265.20 S
WATER HEATER (Optional)		
	Water Heater	\$6,375.00 S
BLOWER (Optional)		
	Quiet Package	\$400.00 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S
TRAILERS (Optional)		
VT17 (For use with 500 gallon spoils tank and 200 gallon water)		
025-1038	VT17 500 GAL HEAVY TRAILER (Includes a heavy tank that can accept powered boom)	\$13,000.00 S
VT20 (For use with 800 gallon spoils tank and 200 gallon water tank)		
025-1033	VT20 800 GAL STANDARD TRAILER	\$15,150.00 S
VT24 (For use with 800 gallon spoils tank and 400 gallon water tank)		
025-1034	VT24 800 GAL HEAVY TRAILER	\$17,675.00 S



CONFIDENTIAL

HX50

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
205-0017	T/W (235/75R-17.5)	\$434.85 C
350-2986	TELEMATICS SYSTEM	\$1,235.02 D
350-2975	GPS (TELEMATICS MODULE) KIT	\$545.90 D
190-2455	HX50 UPTIME KIT	\$137.19 B
190-2807	HYDRAULIC JACK (Compatible with VT17, VT20 and VT24)	\$1,176.65 D
190-2385	TRAILER TONGUE TOOLBOX (Compatible with VT20 and VT24)	\$571.20 C
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
190-2556	GPS ONLY FOR TELEMATICS READY	\$545.90 D
190-2590	HEATER KIT (800 GAL TRAILER & LC) (Compatible with VT17, VT20 and VT24)	\$5,750.00 D
190-2591	HEATER KIT (500 GAL TRAILER & LC) (Compatible with VT17 and VT24)	\$5,750.00 D
190-2592	POWERED BOOM ARM KIT (Compatible with VT17 and VT24)	\$9,090.00 D
190-2594	POWERED BOOM CONTROL KIT (HX50/75) (Compatible with VT17 and VT24)	\$2,323.00 D
190-2595	POWERED BOOM HOSE KIT (4") (Compatible with VT17 and VT24)	\$202.00 D
190-2676	TELEMATICS	\$1,235.95 D
190-2800	WATER AIR GAP (100 GAL TANK) (Compatible with VT17 and VT20)	\$237.35 D
190-2801	WATER AIR GAP (200 GAL TANK) (Compatible with VT24)	\$237.35 D
190-2802	TRAFFIC CONE STORAGE (Compatible with VT17, VT20 and VT24)	\$50.50 D
190-2803	SPARE TIRE CARRIER (Compatible with VT17, VT20 and VT24)	\$282.80 D
190-2804	REAR WORK LIGHTS (Compatible with VT17, VT20 and VT24)	\$136.35 D
190-2808	ARTICULATING JIB (Compatible with VT17, VT20 and VT24)	\$1,277.65 D
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	5 Gallons \$357.85 S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

HX50 (loose configured)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HX50 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

Featuring superior power and versatility, the **Ditch Witch® HX50** is equipped with a 49-hp Kubota® diesel engine to support all machine functions – from potholing and small-slot trenching applications to HDD fluid and jobsite debris cleanup.

The **Ditch Witch® HX50** basic unit includes the following:

- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

NOTE: Loose configured units are available for a variety, dealer or customer, customized mounting options are available, and does not come with a trailer

HX50 STANDARD #1

Includes: Basic Assembly, Production Decal Kit, Controls
4in Hose and Tooling
Reverse Flow
No Powered Boom LC
500 Gallon Debris Heavy LC
200 Water Gallon System LC

Total \$64,322.70 S**HX50 STANDARD #2**

Includes: Basic Assembly, Production Decal Kit, Controls
4in Hose and Tooling
Reverse Flow
No Powered Boom LC
800 Gallon Debris Heavy LC
400 Water Gallon System LC

Total \$65,967.70 S**HX50 BASIC UNIT**

Basic Power Pack

Includes: Basic Assembly, Production Decal Kit, Controls
4in Hose and Tooling
Reverse Flow

\$41,997.70 S**TRANSLATION DECALS (Select if translation is needed)**

Foreign Decal Kit \$45.36 S

ISO Decal Kit \$199.07 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

HX50 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TANK (Select one)		
	500 Gallon Debris Heavy LC	\$19,500.00 S
	800 Gallon Debris Heavy LC	\$20,445.00 S
VAC BOOM (Select one)		
	PB with 4in Hose,Lights,LC	\$12,500.00 S
	Jib Boom LC	\$1,650.00 S
	No Powered Boom LC	\$25.00 S
WATER GALLON SYSTEM (Optional)		
	100 Water Gallon System LC	\$2,000.00 S
	200 Water Gallon System LC	\$2,800.00 S
	400 Water Gallon System LC	\$3,500.00 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$265.20 S
WATER HEATER (Optional)		
	Water Heater LC	\$6,050.00 S
BLOWER (Optional)		
	Quiet Package	\$400.00 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S
ACCESSORIES		
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
350-2986	TELEMATICS SYSTEM	\$1,235.02 D
350-2975	GPS (TELEMATICS MODULE) KIT	\$545.90 D
190-2455	HX50 UPTIME KIT	\$137.19 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
190-2556	GPS ONLY FOR TELEMATICS READY	\$545.90 D
190-2590	HEATER KIT (800 GAL TRAILER & LC)	\$5,750.00 D
190-2591	HEATER KIT (500 GAL TRAILER & LC)	\$5,750.00 D
190-2592	POWERED BOOM ARM KIT	\$9,090.00 D
190-2594	POWERED BOOM CONTROL KIT (HX50/75)	\$2,323.00 D
190-2595	POWERED BOOM HOSE KIT (4")	\$202.00 D
190-2676	TELEMATICS	\$1,235.95 D
190-2800	WATER AIR GAP (100 GAL TANK)	\$237.35 D
190-2801	WATER AIR GAP (200 GAL TANK)	\$237.35 D
190-2802	TRAFFIC CONE STORAGE	\$50.50 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HX50 (loose configured) - 559)



CONFIDENTIAL

HX50 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES (Continued)		
190-2804	REAR WORK LIGHTS	\$136.35 D
190-3024	ARTICULATING JIB (LC)	\$1,510.00 D

ENVIRONMENTAL HYDRAULIC OIL

Environmental Oil	5 Gallons	\$357.85 S
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SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.		\$2,500.00 A
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CONFIDENTIAL

FX65 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FX65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX65** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FX65** basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4i, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Suction tool
- Water lance
- Auxiliary hydraulics
- Antifreeze kit
- Cyclone filter

If you select a standard machine configuration, you must also order the "shipped with" items listed below

POWER PACK - SELECT ONE		
REVERSE FLOW		
350-2660	FX65 POWER PACK	\$44,125.20 S
	Shipped with: 350-2661 REVERSE FLOW ASSEMBLY - HIGH FLOW	\$3,309.39 S
	350-2769 74HP FX ENGINE ASSEMBLY L/R	\$11,031.30 S
	350-4000 FRONT HINGED DOOR - NO VENT	\$468.14 S
	350-4001 HINGED DOOR-VENTED	\$572.17 S
		\$59,506.20 S
SUCTION ONLY		
350-2660	FX65 POWER PACK	\$44,125.20 S
	Shipped with: 350-2662 SUCTION ONLY - FX65	\$496.41 S
	350-2769 74HP FX ENGINE ASSEMBLY L/R	\$11,031.30 S
	350-4000 FRONT HINGED DOOR - NO VENT	\$468.14 S
	350-4001 HINGED DOOR-VENTED	\$572.17 S
		\$56,693.22 S

DECAL KITS - FX65 (Select one per category)		
POWER PACK		
270-5771	FX65 ISO PROD DECAL KIT	\$69.62 C
TANKS		
270-6009	800 GALLON PRODUCTION KIT	\$27.10 C
270-6017	800 GALLON PRODUCTION KIT FR	\$84.95 C
270-6018	800 GALLON PRODUCTION KIT GR	\$84.95 C
270-6011	800 GALLON ISO KIT	\$108.73 C

NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States



CONFIDENTIAL

FX65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FX65 (Select one per category) (Continued)		
TANKS		
270-5894	1200 GAL PRODUCTION KIT	\$60.36 C
270-5901	1200 GAL PROD KIT FR	\$39.57 C
270-5903	1200 GAL PROD. KIT GR	\$39.57 C
270-5899	1200 GAL PROD KIT IT	\$39.57 C
270-5905	1200 GAL PROD. KIT SP	\$39.57 C
270-5896	1200 GAL ISO KIT	\$120.38 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		
FILTERS (Select one from Cyclone section)		
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK		
With trailer		
350-2666	FILTER ASSEMBLY	\$1,310.52 S
	Shipped with: 350-2667 CYCLONE ASSEMBLY	\$2,806.37 S
	350-3693 FILTER STAND	\$217.54 S
	350-3915 FILTER STAND (300 GAL WATER)	\$263.64 S
With reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	40 required \$4.56 \$182.40 D
Without reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	14 required \$4.56 \$63.84 D
Without trailer		
190-2373	CYCLONE ASSEMBLY KIT (5")	\$2,868.14 D
With reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	40 required \$4.56 \$182.40 D
CYCLONE FILTER OPTIONS 1200 GALLON SPOILS TANK		
With trailer		
350-2677	SUC 1200 GAL 5" CYC PARTS	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	30 required \$4.56 \$136.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S
350-2674	RF 1200 GAL 5" CYC PARTS	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	55 required \$4.56 \$250.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S
Without trailer		
350-2677	SUC 1200 GAL 5" CYC PARTS	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	30 required \$4.56 \$136.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S
350-2684	RF 1200 G CYC PARTS, NO TRAILER	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	55 required \$4.56 \$250.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (less regulated) - 563)



CONFIDENTIAL

FX65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
SPOILS TANK (Select one)			
350-5008	TANK (800 GAL)	\$11,913.80	S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"	\$596.79	S
		\$12,510.59	S
1,200 gallon spoils tank (Select one)			
300-4303	1200 GA. TANK (TRAILER MOUNT)	(Must choose 500 gallon water tank below)	\$7,703.16 S
300-4302	1200 GA. VAC TANK	(Must choose 500 gallon water tank below)	\$6,822.86 S
Both shipped with:			
	315-336 1200 GALLON TANK LID	\$1,969.09	S
	350-1873 TANK COMPONENTS	\$4,388.25	S
	315-178 SCISSOR LIFT	\$3,052.92	S
	350-2682 SHUTOFF ASSEMBLY - 5"	\$596.79	S
	601-293 4" TOOL RACK	\$679.53	S
		\$10,686.58	S
Without trailer shipped with:			
	350-1896 1200 GALLON LOOSE KIT	\$3,880.81	S
(Select one of the following options)			
With trailer options			
350-4070	800 GAL PARTS ASM	\$970.76	S
Without trailer options			
190-2291	800 GAL. PARTS KIT	\$970.76	S
1,200 gallon spoils tank			
350-4117	1200 GAL. PARTS ASM	\$1,489.23	S
	Shipped with: 350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88	S
		\$2,344.11	S
GEAR PUMP HYDRAULICS			
350-4068	GEAR PUMP HYDRAULICS 800 GAL (TIER 4)	\$617.76	S
350-4081	COMMON 1200 GAL HYD TIER 4	\$1,323.76	S
WATER TANKS (Select one)			
With trailer options			
350-2458	WATER TANK SUB, 200 GALLON	(With 800 gallon spoils tank only)	\$1,721.99 S
350-2460	WATER TANK SUB, 300 GALLON	(With 800 gallon spoils tank only)	\$2,891.30 S
350-1886	WATER TANK SUB, 500 GALLON, TRAILER MNT	(With 1,200 gallon spoils tank only)	\$3,322.63 S
Without trailer options			
190-1837	200 GAL WATER SYSTEM KIT	(With 800 gallon spoils tank only)	\$1,856.57 S
190-1838	300 GAL WATER SYSTEM KIT	(With 800 gallon spoils tank only)	\$2,897.93 S
350-2701	TANK SUB	(With 1,200 gallon spoils tank only)	\$4,324.27 S
WATER HOSE REEL (Select)			
601-132	WATER HOSE REEL SUB ASSY	(1200 gal spoils tank without trailer, 800 gal spoils tank with trailer)	\$550.77 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (less regulated) - 564)



CONFIDENTIAL

FX65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
HOSE / TOOL STORAGE (Select)		
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71 D
	Shipped with: 320-800 4" HOSE (25') (w/ 800 gallon spoils tank only)	\$563.77 D
	350-3706 3" & 4" HOSE AND TOOL RACK (800 gal spoils tank w/ trailer)	\$469.36 S
	190-1821 3" & 4" HOSE AND TOOL RACK (800 gal spoils tank w/o trailer)	\$469.36 S
VACUUM HOSE REEL (Optional)		
601-331	FX50/FX60 VACUUM HOSE REEL (1,200 gallon spoils tank only)	\$4,070.55 S
	Shipped with: 350-4090 VAC HOSE REEL HYD FX60T4	\$420.40 S
		\$4,490.95 S
IF ORDERING WITHOUT HOSE REEL		
350-4083	NO VAC HOSE REEL HYD FX60T4 (1,200 gallon spoils tank only)	\$272.69 S
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
190-2187	.X/FXT60 T4-FX/FXT65 T4i & T4 UPTIME KIT	\$1,616.70 B
WATER HEATER (Optional)		
With trailer		
350-4152	HEATER SUB (800 gallon spoils tank only)	\$6,839.41 S
350-4094	1200 GAL. WATER HEATER COMPONENTS (1,200 gallon spoils tank only)	\$7,473.71 S
Without trailer		
190-2304	HEATER KIT (NO TRAILER) (800 gallon spoils tank only)	\$6,508.47 S
350-2248	HEATER COMPONENTS (1,200 gallon spoils tank only)	\$6,563.62 S
BOOMS (Optional)		
350-4859	800 G VAC BOOM ASS'Y (GEAR PUMP HYD, OH) (with trailer, 800 gallon spoils tank only)	\$6,067.22 S
350-3893	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20 S
		\$8,604.42
350-4861	1200 GAL VAC BOOM (GEAR PUMP HYD, OH) (1,200 gallon spoils tank only)	\$6,745.64 S
350-3893	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20 S
		\$9,282.84

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (less regulated) - 565)



CONFIDENTIAL

FX65 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TRAILERS (Optional)		
	T22S BASIC UNIT (for use with 800 gallon spoils tank)	
025-1029	T22 TRAILER	\$12,424.98 S
	T26S BASIC UNIT (for use with 1,200 gallon spoils tank)	
025-1025	T26S VAC TRAILER	\$19,454.60 S

NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

FX65 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FX65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FX65** Vacuum Excavation System is both a portable vacuum unit for a variety of utility clean up applications and a powerful "soft" excavating machine for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FX65** basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4, EU Stage IIIB compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Suction tool
- Water lance
- Auxiliary hydraulics
- Antifreeze kit
- Cyclone filter

If you select a standard machine configuration, you must also order the "shipped with" items listed below

FX65 T4 STANDARD #1

FX65-1	FX65: 800/200gal, Rev Flow, Cycl., T22S (must order T22 trailer below) - Includes:		
FX65-BASIC-1	FX65: Reverse Flow Power Pack		
270-6009	800 GALLON PRODUCTION KIT		
350-2666	FILTER ASSEMBLY		
350-2667	CYCLONE ASSEMBLY		
350-3693	FILTER STAND		
150-2561	BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	40 included	
350-5008	TANK (800 GAL)		
350-2682	SHUTOFF ASSEMBLY - 5"		
350-4070	800 GAL PARTS ASM		
350-4068	GEAR PUMP HYDRAULICS 800 GAL (TIER 4)		
350-2458	WATER TANK SUB, 200 GALLON		
601-132	WATER HOSE REEL SUB ASSY		
350-3706	3" & 4" HOSE AND TOOL RACK		\$87,622.83
025-1029	T22 TRAILER		\$12,424.98
			Total \$100,047.81

POWER PACKS (Select one)

FX65-BASIC-1	FX65: Reverse Flow Power Pack	\$66,187.80	S
FX65-BASIC-2	FX65: Suction Only Power Pack	\$62,547.47	S

DECAL KITS - FX65 (Select one per category)**POWER PACK**

270-5770	FX65 PROD DECAL KIT	\$44.50	C
270-5776	FX60 & FX65 PROD DECAL KIT FR	\$137.84	C
270-5774	FX65 PROD DECAL KIT GR	\$137.84	C
270-5780	FX60 & FX65 PROD DECAL KIT IT	\$137.84	C
270-5778	FX60 & FX65 PROD DECAL KIT SP	\$137.84	C
270-5771	FX65 ISO PROD DECAL KIT	\$69.62	C

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (highly regulated) - 568)



CONFIDENTIAL

FX65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FX65 (Continued)		
TANKS		
270-6009	800 GALLON PRODUCTION KIT	\$27.10 C
270-6017	800 GALLON PRODUCTION KIT FR	\$84.95 C
270-6018	800 GALLON PRODUCTION KIT GR	\$84.95 C
270-6011	800 GALLON ISO KIT	\$108.73 C
270-5894	1200 GAL PRODUCTION KIT	\$60.36 C
270-5901	1200 GAL PROD KIT FR	\$39.57 C
270-5903	1200 GAL PROD. KIT GR	\$39.57 C
270-5899	1200 GAL PROD KIT IT	\$39.57 C
270-5905	1200 GAL PROD. KIT SP	\$39.57 C
270-5896	1200 GAL ISO KIT	\$120.38 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		
FILTERS (Select one from Cyclone section)		
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK		
With trailer		
350-2666	FILTER ASSEMBLY	\$1,310.52 S
	Shipped with: 350-2667 CYCLONE ASSEMBLY	\$2,806.37 S
	350-3693 FILTER STAND	\$217.54 S
	350-3915 FILTER STAND (300 GAL WATER)	\$263.64 S
With reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	40 required \$4.56 \$182.40 D
Without reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	14 required \$4.56 \$63.84 D
Without trailer		
190-2373	CYCLONE ASSEMBLY KIT (5")	\$2,868.14 D
	Shipped with: 190-2371 VAC FILTER KIT (5")	\$1,819.06 D
With reverse flow		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	40 required \$4.56 \$182.40 D
CYCLONE FILTER OPTIONS 1200 GALLON SPOILS TANK		
With trailer		
350-2677	SUC 1200 GAL 5" CYC PARTS	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	30 required \$4.56 \$136.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S
350-2674	RF 1200 GAL 5" CYC PARTS	\$3,860.96 S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	55 required \$4.56 \$250.80 D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (highly regulated) - 569)

570

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FX65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
CYCLONE FILTER OPTIONS 1200 GALLON SPOILS TANK (Continued)			
Without trailer			
350-2677	SUC 1200 GAL 5" CYC PARTS	\$3,860.96	S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	30 required \$4.56 \$136.80	D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88	S
	190-2371 VAC FILTER KIT (5")	\$1,819.06	D
350-2684	RF 1200 G CYC PARTS, NO TRAILER	\$3,860.96	S
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	55 required \$4.56 \$250.80	D
	350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88	S
	190-2371 VAC FILTER KIT (5")	\$1,819.06	D
SPOILS TANK (Select one)			
350-5008	TANK (800 GAL)	\$11,913.80	S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"	\$596.79	S
		\$12,510.59	S
1,200 gallon spoils tank (Select one)			
300-4303	1200 GA. TANK (TRAILER MOUNT)	(must choose 500 gallon water tank below)	\$7,703.16 S
300-4302	1200 GA. VAC TANK	(must choose 500 gallon water tank below)	\$6,822.86 S
Both shipped with:			
	315-336 1200 GALLON TANK LID	\$1,969.09	S
	350-1873 TANK COMPONENTS	\$4,388.25	S
	315-178 SCISSOR LIFT	\$3,052.92	S
	350-2682 SHUTOFF ASSEMBLY - 5"	\$596.79	S
	601-293 4" TOOL RACK	\$679.53	S
		\$10,686.58	S
Without trailer shipped with:			
	350-1896 1200 GALLON LOOSE KIT	\$3,880.81	S
(Select one of the following options)			
With trailer options			
350-4070	800 GAL PARTS ASM	\$970.76	S
Without trailer options			
190-2291	800 GAL. PARTS KIT	\$970.76	S
1,200 gallon spoils tank			
350-4117	1200 GAL. PARTS ASM	\$1,489.23	S
	Shipped with: 350-5375 FX65 1200G HOSE REEL ASSY.	\$854.88	S
		\$2,344.11	S
GEAR PUMP HYDRAULICS			
350-4068	GEAR PUMP HYDRAULICS 800 GAL (TIER 4)	\$617.76	S
350-4081	COMMON 1200 GAL HYD TIER 4	\$1,323.76	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (highly regulated) - 570)

571

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FX65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WATER TANKS (Select one)		
With trailer options		
350-2458	WATER TANK SUB, 200 GALLON (With 800 gallon spoils tank only)	\$1,721.99 S
350-2460	WATER TANK SUB, 300 GALLON (With 800 gallon spoils tank only)	\$2,891.30 S
350-1886	WATER TANK SUB, 500 GALLON, TRAILER MNT (With 1,200 gallon spoils tank only)	\$3,322.63 S
Without trailer options		
190-1837	200 GAL WATER SYSTEM KIT (With 800 gallon spoils tank only)	\$1,856.57 S
190-1838	300 GAL WATER SYSTEM KIT (With 800 gallon spoils tank only)	\$2,897.93 S
350-2701	TANK SUB (With 1,200 gallon spoils tank only)	\$4,324.27 S
WATER HOSE REEL (Select)		
601-132	WATER HOSE REEL SUB ASSY (1200 gal spoils tank without trailer, 800 gal spoils tank with trailer)	\$550.77 S
HOSE / TOOL STORAGE (Select one)		
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71 D
	Shipped with: 320-800 4" HOSE (25') (w/ 800 gallon spoils tank only)	\$563.77 D
	350-3706 3" & 4" HOSE AND TOOL RACK (800 gal spoils tank w/ trailer)	\$469.36 S
	190-1821 3" & 4" HOSE AND TOOL RACK (800 gal spoils tank w/o trailer)	\$469.36 S
VACUUM HOSE REEL (Optional)		
601-331	FX50/FX60 VACUUM HOSE REEL (1,200 gallon spoils tank only)	\$4,070.55 S
	Shipped with: 350-4090 VAC HOSE REEL HYD FX60T4	\$420.40 S
		\$4,490.95 S
IF ORDERING WITHOUT HOSE REEL (1,200 gallon spoils tank only)		
350-4083	NO VAC HOSE REEL HYD FX60T4	\$272.69 S
ORANGE INTEL™ OPTIONS (Select one)		
350-5371	GPS ONLY FOR GPS-READY	\$545.90 D
NOTE: Equipment Registration Activates GPS and Telematics Boxes		
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)		
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40 A
NOTE: Sold in One Year Increments		
ACCESSORIES		
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
190-2187	.X/FXT60 T4-FX/FXT65 T4i & T4 UPTIME KIT	\$1,616.70 B

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FX65 (highly regulated) - 571)

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Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FX65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
WATER HEATER (Optional)		
With trailer		
350-4152	HEATER SUB (800 gallon spoils tank only)	\$6,839.41 S
350-4094	1200 GAL. WATER HEATER COMPONENTS (1,200 gallon spoils tank only)	\$7,473.71 S
Without trailer		
190-2304	HEATER KIT (NO TRAILER) (800 gallon spoils tank only)	\$6,508.47 S
350-2248	HEATER COMPONENTS (1,200 gallon spoils tank only)	\$6,563.62 S
BOOMS (Optional)		
350-4859	800 G VAC BOOM ASS'Y (GEAR PUMP HYD, OH) (with trailer, 800 gallon spoils tank only)	\$6,067.22 S
	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20 S
		\$8,604.42 S
190-2654	VAC BOOM KIT (GEAR PUMP HYD,800 GAL, OH) (w/o trailer, 800 gallon spoils tank only)	\$5,698.77 S
	Shipped with: 190-2354 WIRELESS SYSTEM - FX50/60	\$2,426.89 S
		\$8,125.66 S
350-4861	1200 GAL VAC BOOM (GEAR PUMP HYD, OH) (1,200 gallon spoils tank only)	\$6,745.64 S
	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	\$2,537.20 S
		\$9,282.84 S

TRAILERS (Optional)**T22S BASIC UNIT (for use with 800 gallon spoils tank)**

025-1029 T22 TRAILER \$12,424.98 S

T26S BASIC UNIT (for use with 1,200 gallon spoils tank)

025-1025 T26S VAC TRAILER \$19,454.60 S

NOTE: Above trailers include lunette coupler**SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

HX75

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HX75

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

As the most powerful vacuum excavator in the Ditch Witch® lineup, the **Ditch Witch® HX75** features a 74-hp Kubota® Tier 4 Final engine and an industry-leading 1,300-cfm blower - making it ideal for microtrenching, slot trenching and other large-scale excavation, potholing and cleanup tasks.

The **Ditch Witch® HX75** basic unit includes the following:

- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

HX75 STANDARD #1

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package

4in Hose and Tooling

Reverse Flow

Water Air Gap

800 Gallon Debris Light (Includes 200 water and cyclone filter)

\$78,424.90

VT20 800 GAL STANDARD TRAILER

Manual Trailer Jack

\$15,430.50

Total \$93,855.40 S

HX75 STANDARD #2

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package

4in Hose and Tooling

Reverse Flow

No Powered Boom

800 Gallon Debris Heavy (Includes 400 water and cyclone filter)

\$79,276.60

VT24 800 GAL HEAVY TRAILER

Manual Trailer Jack

\$17,955.50

Total \$97,232.10 S

HX75 BASIC UNIT

Basic Power Pack

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package

4in Hose and Tooling

Reverse Flow

\$57,657.70 S

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit

\$39.23 S

ISO Decal Kit

\$187.40 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

HX75

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TANK (Select one)		
	500 Gallon Debris Heavy (Includes 500 water and cyclone filter)	\$20,475.00 S
	800 Gallon Debris Light (Includes 200 water and cyclone filter)	\$20,502.00 S
	800 Gallon Debris Heavy (Includes 400 water and cyclone filter)	\$21,522.00 S
VAC BOOM (Select one)		
	Powered Boom with 4in Hose Lights	\$13,161.73 S
	Jib Boom	\$1,428.00 S
	No Powered Boom (Only needed on 800 heavy)	\$96.90 S
TRAILER JACK (Select one)		
	Manual Trailer Jack	\$280.50 S
	Hydraulic Trailer Jack	\$1,326.00 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$265.20 S
WATER HEATER (Optional)		
	Water Heater	\$6,375.00 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S
TRAILERS (Optional)		
VT17 (For use with 500 gallon spoils tank and 200 gallon water)		
025-1038	VT17 500 GAL HEAVY TRAILER (Includes a heavy tank that can accept powered boom)	\$13,000.00 S
VT20 (For use with 800 gallon spoils tank and 200 gallon water tank)		
025-1033	VT20 800 GAL STANDARD TRAILER	\$15,150.00 S
VT24 (For use with 800 gallon spoils tank and 400 gallon water tank)		
025-1034	VT24 800 GAL HEAVY TRAILER	\$17,675.00 S



CONFIDENTIAL

HX75

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES		
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
205-0017	T/W (235/75R-17.5)	\$434.85 C
350-2986	TELEMATICS SYSTEM	\$1,235.02 D
350-2975	GPS (TELEMATICS MODULE) KIT	\$545.90 D
190-2456	HX75 UPTIME KIT	\$149.50 B
190-2807	HYDRAULIC JACK (Compatible with VT17, VT20 and VT24)	\$1,176.65 D
190-2385	TRAILER TONGUE TOOLBOX (Compatible with VT17, VT20 and VT24)	\$571.20 C
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
190-2556	GPS ONLY FOR TELEMATICS READY	\$545.90 D
190-2590	HEATER KIT (800 GAL TRAILER & LC) (Compatible with VT20 and VT24)	\$5,750.00 D
190-2591	HEATER KIT (500 GAL TRAILER & LC) (Compatible VT17)	\$5,750.00 D
190-2592	POWERED BOOM ARM KIT (Compatible VT17 and VT24)	\$9,090.00 D
190-2594	POWERED BOOM CONTROL KIT (HX50/75) (Compatible VT17 and VT24)	\$2,323.00 D
190-2595	POWERED BOOM HOSE KIT (4") (Compatible VT17 and VT24)	\$202.00 D
190-2676	TELEMATICS	\$1,235.95 D
190-2800	WATER AIR GAP (100 GAL TANK) (Compatible VT17 and VT20)	\$237.35 D
190-2801	WATER AIR GAP (200 GAL TANK) (Compatible VT24)	\$237.35 D
190-2802	TRAFFIC CONE STORAGE (Compatible with VT17, VT20 and VT24)	\$50.50 D
190-2803	SPARE TIRE CARRIER (Compatible with VT17, VT20 and VT24)	\$282.80 D
190-2804	REAR WORK LIGHTS (Compatible with VT17, VT20 and VT24)	\$136.35 D
190-2805	AUX HYDRAULIC CONTROL (VT17) (Compatible VT17)	\$566.10 D
190-2806	AUX HYDRAULIC CONTROL (VT20/VT24) (Compatible with VT20 and VT24)	\$566.10 D
190-2808	ARTICULATING JIB (Compatible with VT17, VT20 and VT24)	\$1,277.65 D
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	5 Gallons \$357.85 S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$2,500.00 A



CONFIDENTIAL

HX75 (loose configured)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

HX75 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

As the most powerful vacuum excavator in the Ditch Witch® lineup, the **Ditch Witch® HX75** features a 74-hp Kubota® Tier 4 Final engine and an industry-leading 1,300-cfm blower - making it ideal for microtrenching, slot trenching and other large-scale excavation, potholing and cleanup tasks.

The **Ditch Witch® HX75** basic unit includes the following:

- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Wash wand kit
- Antifreeze kit

NOTE: Loose configured units are available for a variety, dealer or customer, customized mounting options are available, and does not come with a trailer

HX75 STANDARD #1

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package
4in Hose and Tooling
Reverse Flow
No Powered Boom LC
500 Gallon Debris Heavy LC
200 Water Gallon System LC

Total \$79,982.70 S

HX75 STANDARD #2

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package
4in Hose and Tooling
Reverse Flow
No Powered Boom LC
800 Gallon Debris Heavy LC
400 Water Gallon System LC

Total \$81,627.70 S

HX75 BASIC UNIT

Basic Power Pack

Includes: Basic Assembly, Production Decal Kit, Controls, Blower Quiet Package
4in Hose and Tooling
Reverse Flow

\$57,657.70 S

TRANSLATION DECALS (Select if translation is needed)

Foreign Decal Kit \$39.23 S

ISO Decal Kit \$187.40 S

NOTE: ISO Decal Kit will be shipped with all translation decals and any basic unit shipped outside of the United States



CONFIDENTIAL

HX75 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
TANK (Select one)		
	500 Gallon Debris Heavy LC	\$19,500.00 S
	800 Gallon Debris Heavy LC	\$20,445.00 S
VAC BOOM (Select one)		
	PB with 4in Hose,Lights,LC	\$12,500.00 S
	Jib Boom LC	\$1,650.00 S
	No Powered Boom LC	\$25.00 S
WATER GALLON SYSTEM (Optional)		
	100 Water Gallon System LC	\$2,000.00 S
	200 Water Gallon System LC	\$2,800.00 S
	400 Water Gallon System LC	\$3,500.00 S
WATER AIR GAP (Optional)		
	Water Air Gap	\$265.20 S
WATER HEATER (Optional)		
	Water Heater LC	\$6,050.00 S
WEIGHT DISPLAY (Optional)		
	Weight Display	\$158.00 S
ACCESSORIES		
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25 B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19 C
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34 D
350-2986	TELEMATICS SYSTEM	\$1,235.02 D
350-2975	GPS (TELEMATICS MODULE) KIT	\$545.90 D
190-2456	HX75 UPTIME KIT	\$149.50 B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25 B
190-2556	GPS ONLY FOR TELEMATICS READY	\$545.90 D
190-2590	HEATER KIT (800 GAL TRAILER & LC)	\$6,375.00 D
190-2591	HEATER KIT (500 GAL TRAILER & LC)	\$6,375.00 D
190-2592	POWERED BOOM ARM KIT	\$9,090.00 D
190-2594	POWERED BOOM CONTROL KIT (HX50/75)	\$2,323.00 D
190-2595	POWERED BOOM HOSE KIT (4")	\$202.00 D
190-2676	TELEMATICS	\$1,235.95 D
190-2800	WATER AIR GAP (100 GAL TANK)	\$237.35 D
190-2801	WATER AIR GAP (200 GAL TANK)	\$237.35 D
190-2802	TRAFFIC CONE STORAGE	\$50.50 D
190-2804	REAR WORK LIGHTS	\$136.35 D
190-2805	AUX HYDRAULIC CONTROL (VT17)	\$566.10 D
190-2806	AUX HYDRAULIC CONTROL (VT20/VT24)	\$566.10 D

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HX75 (loose configured) - 579)



CONFIDENTIAL

HX75 (loose configured)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
ACCESSORIES (Continued)		
190-3024	ARTICULATING JIB (LC)	\$1,510.00 D
ENVIRONMENTAL HYDRAULIC OIL		
	Environmental Oil	5 Gallons \$357.85 S
SPECIAL PAINT		
Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)		
From the time of confirmation, any special paint order is non-cancelable and non-returnable.		
Please allow 30 days from time of order to delivery.		
Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).		
Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.		
	Charges do not include price of paint.	\$2,500.00 A

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(HX75 (loose configured) - 580)



CONFIDENTIAL

FXT50 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FXT50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FXT50** Vacuum Excavation System is a dedicated truck mounted vacuum unit used for a variety of utility clean up applications and for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FXT50** basic unit includes the following:

- Deutz D2011L03I diesel engine (49 hp gross) EPA Tier 4i, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Wash wand kit
- Antifreeze kit
- Tool rack on rear door
- Mud flaps
- Hose and storage tubes
- Ladders

COMMON COMPONENTS**SELECT ALL**

350-4271	FXT50 COMMON COMPONENTS	\$1,472.68	S
190-1922	FXT COMMON TANK SHIPMENT PARTS	\$380.58	S
190-1923	COVER ASSEMBLY	\$176.51	S
SELECT FOR SINGLE AXLE			
350-4139	COMMON FXT COMPONENTS TIER 4	\$7,335.81	S
350-2775	MOUNT SET	\$579.15	S
190-1921	TANK SKID COVERS	\$137.90	S
SELECT FOR TANDEM AXLE			
350-4219	TANDEM FXT COMPONENTS	\$8,306.57	S
350-2960	TANDEM MOUNT SET	\$617.76	S
190-1926	TANDEM SKID COVERS	\$196.36	S

DECAL KITS - FXT50 (Select one per category)**POWER PACK**

270-5607	FXT50 POWER PACK PROD DECAL KIT	\$29.64	C
270-5609	FXT50 POWER PACK PROD DECAL KIT FR	\$77.63	C
270-5610	FXT50 POWER PACK PROD DECAL KIT GR	\$77.63	C
270-5611	FXT50 POWER PACK PROD DECAL KIT IT	\$77.63	C
270-5612	FXT50 POWER PACK PROD DECAL KIT SP	\$77.63	C
270-5608	FXT50 POWER PACK PROD ISO DECAL KIT	\$36.68	C
TANK			
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11	C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00	C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00	C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00	C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00	C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61	C

NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (less regulated) - 582)



CONFIDENTIAL

FXT50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
FILTERS (Select one from Canister or Cyclone section)			
CANISTER FILTER OPTIONS 500 GALLON SPOILS TANK			
350-3880	EXPANSION CANISTER ASSEMBLY	\$749.06	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	With reverse flow (right hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	120 required \$3.78	\$453.60 D
	With reverse flow (left hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	168 required \$3.78	\$635.04 D
CANISTER FILTER OPTIONS 800 GALLON SPOILS TANK			
350-3880	EXPANSION CANISTER ASSEMBLY	\$749.06	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	With reverse flow (right hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	52 required \$3.78	\$196.56 D
	With reverse flow (left hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	72 required \$3.78	\$272.16 D
	Without reverse flow (right hand traffic)		
	Shipped with: 350-3942 4" 45 DEG ELBOW AND HOSE BARB		\$187.92 C
CYCLONE FILTER OPTIONS 500 GALLON SPOILS TANK			
350-3779	CYCLONE ASSEMBLY	\$2,726.18	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	301-4659 VERTICAL CYCLONE LID	\$311.83	S
	With reverse flow (right hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	144 required \$3.78	\$544.32 D
	With reverse flow (left hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	204 required \$3.78	\$771.12 D
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK			
350-3779	CYCLONE ASSEMBLY	\$2,726.18	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	301-4658 HORIZONTAL CYCLONE LID	\$311.83	S
	With reverse flow (right hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	52 required \$3.78	\$196.56 D
	With reverse flow (left hand traffic)		
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	72 required \$3.78	\$272.16 D
	Without reverse flow		
	Shipped with: 350-3942 4" 45 DEG ELBOW AND HOSE BARB (right hand traffic only)		\$187.92 C
POWER PACKS (Select one)			
350-3688	FX50 POWER PAC - REV FLOW	\$36,954.86	S
	Shipped with: 350-1464 FRONT LIFT-OFF DOORS	\$771.09	S
			\$37,725.95
350-3039	FX50 POWER PAC - SUCTION ONLY	\$35,024.38	S
	Shipped with: 350-1464 FRONT LIFT-OFF DOORS	\$771.09	S
			\$35,795.47 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (less regulated) - 583)



CONFIDENTIAL

FXT50 (less regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
SPOILS TANK (Select one)			
350-5012	500 GAL SPOILS TANK MODULE (Single axle only)	\$12,492.95	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY (For right hand traffic)	\$579.74	S
	350-3945 SHUTOFF ASSEMBLY (For left hand traffic)	\$596.79	S
	190-1920 FXT COMMON KIT PARTS (For left hand traffic)	\$1,406.50	S
		\$13,072.69	S
350-5014	800 GAL SPOILS TANK MODULE (for single axle) (For single axle)	\$13,523.28	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74	S
	350-3881 VAC HOSE ROUTING ASSEMBLY	\$98.18	S
	190-1920 FXT COMMON KIT PARTS	\$1,406.50	S
		\$15,607.70	S
350-5016	TANDEM TANK MODULE (800 G) (for tandem axle) (For tandem axle)	\$14,451.00	S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74	S
	190-1927 FXT COMMON TANDEM PARTS	\$1,406.50	S
		\$16,437.24	S
WATER TANKS (Select one)			
With 500 Gallon Spoils Tank			
350-3909	200 GAL WATER (Single axle only)	\$980.68	S
	Shipped with: 350-3913 WATER AIR BRAKE (200 GAL)	\$550.46	S
	190-2247 200 GAL WATER PLUMBING (For right hand traffic)	\$468.84	S
	190-2248 200 GAL WATER PLUMBING (LEFT SIDE) (For left hand traffic)	\$468.84	S
		\$1,999.98	S
With 800 Gallon Spoils Tank			
350-3908	400 GAL WATER (For single axle)	\$2,537.20	S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)	\$273.58	S
	190-2238 400 GAL WATER PLUMBING	\$623.27	S
		\$3,434.05	S
350-4220	400 GAL WATER (For tandem axle)	\$2,619.94	S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)	\$273.58	S
	190-1928 400 GAL WATER PLUMBING	\$744.62	S
		\$3,638.14	S
WATER HOSE REEL KITS (Select one)			
SINGLE AXLE			
350-4137	HOSE REEL HOSE'S RH TRAFFIC	\$104.80	S
350-4138	HOSE REEL HOSE'S LH TRAFFIC	\$104.80	S
TANDEM AXLE			
350-4224	HOSE REEL HOSE RH (TANDEM)	\$104.80	S
350-4277	HOSE REEL HOSE LH (TANDEM)	\$104.80	S
HOSE / TOOL STORAGE (Select)			
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71	D
	Shipped with: 350-2772 HOSE SET (4")	\$689.46	S
		\$1,241.17	
LIGHTS (Select one)			
190-2065	LED LIGHTS	\$737.99	S
190-2066	NO LIGHTS	\$82.74	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (less regulated) - 584)



CONFIDENTIAL

FXT50 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
NOTE: Equipment Registration Activates GPS and Telematics Boxes			
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
NOTE: Sold in One Year Increments			
ACCESSORIES			
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00	B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25	B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C
190-2228	BUMPER KIT	\$821.84	S
190-1924	HITCH KIT	\$2,095.95	D
215-2445	RV 7 BLADE HARNESS	\$92.19	C
190-1715	LOCKING FUEL CAP COVER KIT (2.25")	\$37.61	C
350-4431	AIR SABER EXTENSION (36 ")	\$590.28	C
350-4430	AIR SABER ASSEMBLY	\$1,324.00	C
190-2161	FX50/FXT50 T4i UPTIME KIT	\$1,130.00	B
BOOMS (Optional)			
350-3956	FXT50 BOOM COMPONENTS	\$1,430.76	S
Select one			
Shipped with: 350-4823 FXT BOOM SUB (OVERHEAD HOSE)		(Standard)	\$4,649.69 S
190-2625 FXT BOOM SUB KIT (OVERHEAD HOSE)		(If being shipped via vessel)	\$4,649.69 S
Select for 500 gallon spoils tank			
Shipped with: 350-3938 TRUCK VAC BOOM SADDLE (500 GAL)			\$532.81 S
Select one for 800 gallon spoils tank			
Shipped with: 350-3937 TRUCK VAC BOOM RH SADDLE (800 GAL)		(For right hand traffic)	\$532.81 S
350-3940 TRUCK VAC BOOM LH SADDLE (800 GAL)		(For left hand traffic)	\$532.81 S
			\$6,613.26 S
WATER HEATER (Optional, can not combine with tool rack on single axle)			
SINGLE AXLE			
190-2232	HEATER KIT (SKID MOUNTED)	\$6,508.47	S
Shipped with: 190-2068 SKID EXTENSION		\$273.58	S
			\$6,782.05 S
TANDEM AXLE			
350-4348	HEATER ASS'Y (TANDEM AXLE)	\$6,508.47	S
Shipped with: 190-1942 COMMON TANDEM HEATER KIT		\$82.74	S
			\$6,591.21 S
TOOL RACK (Optional, can not combine with water heater on single axle)			
190-2067	TOOL RACK	\$230.56	S
Shipped with: 190-2068 SKID EXTENSION		\$273.58	S
			\$504.14 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (less regulated) - 585)



CONFIDENTIAL

FXT50 (less regulated)**SUGGESTED PRICE LIST****(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018****PART NO. DESCRIPTION****MSRP (USD)****SPECIAL PAINT**

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

FXT50 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FXT50 (highly regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FXT50** Vacuum Excavation System is a dedicated truck mounted vacuum unit used for a variety of utility clean up applications and for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FXT50** basic unit includes the following:

- Deutz D2.9 L4, water-cooled diesel engine (48.8 hp gross @ 2,600 rpm) EPA Tier 4, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Wash wand kit
- Antifreeze kit
- Tool rack on rear door
- Mud flaps
- Hose and storage tubes
- Ladders

COMMON COMPONENTS**SELECT ALL**

350-4075	FXT50/60 COMMON COMPONENTS TIER 4	\$827.35	S
190-1922	FXT COMMON TANK SHIPMENT PARTS	\$380.58	S
190-1923	COVER ASSEMBLY	\$176.51	S
SELECT FOR SINGLE AXLE			
350-4139	COMMON FXT COMPONENTS TIER 4	\$7,335.81	S
350-2775	MOUNT SET	\$579.15	S
190-1921	TANK SKID COVERS	\$137.90	S
SELECT FOR TANDEM AXLE			
350-4219	TANDEM FXT COMPONENTS	\$8,306.57	S
350-2960	TANDEM MOUNT SET	\$617.76	S
190-1926	TANDEM SKID COVERS	\$196.36	S

DECAL KITS - FXT50 T4 (Select one per category)**POWER PACK**

270-5995	FXT50 T4F PROD DECAL KIT	\$43.71	C
270-6004	FXT50 T4F PROD DECAL KIT FR	\$136.81	C
270-6003	FXT50 T4F PROD DECAL KIT GR	\$136.81	C
270-6006	FXT50 T4F PROD DECAL KIT IT	\$136.81	C
270-6005	FXT50 T4F PROD DECAL KIT SP	\$136.81	C
270-5996	FXT50 T4F ISO PROD DECAL KIT	\$58.45	C
TANK			
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11	C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00	C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00	C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00	C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00	C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61	C

NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (highly regulated) - 588)



CONFIDENTIAL

FXT50 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
FILTERS (Select one from Canister or Cyclone section)			
350-3880	EXPANSION CANISTER ASSEMBLY	\$749.06	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
CANISTER FILTER OPTIONS 500 GALLON SPOILS TANK			
With reverse flow (right hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	120 required	\$3.78 \$453.60 D
With reverse flow (left hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	130 required	\$3.78 \$491.40 D
CANISTER FILTER OPTIONS 800 GALLON SPOILS TANK			
With reverse flow (right hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	20 required	\$3.78 \$75.60 D
With reverse flow (left hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required	\$3.78 \$128.52 D
CYCLONE FILTER OPTIONS 500 GALLON SPOILS TANK			
350-3779	CYCLONE ASSEMBLY	\$2,726.18	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	301-4659 VERTICAL CYCLONE LID	\$311.83	S
With reverse flow (right hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	140 required	\$3.78 \$529.20 D
With reverse flow (left hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	150 required	\$3.78 \$567.00 D
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK			
350-3779	CYCLONE ASSEMBLY	\$2,726.18	S
	Shipped with: 350-4031 FILTER ASSEMBLY	\$1,310.52	S
	301-4658 HORIZONTAL CYCLONE LID	\$311.83	S
With reverse flow (right hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	20 required	\$3.78 \$75.60 D
With reverse flow (left hand traffic)			
	Shipped with: 150-3675 BULK HOSE, HIGH TEMP (4", SOLD PER INCH)	34 required	\$3.78 \$128.52 D
POWER PACK (Select)			
350-4015	FX50 TIER 4F POWER PACK	\$30,280.92	S
	Shipped with: 350-3096 FX50 ENGINE, EXHAUST, INTAKE	\$13,789.13	S
	350-4003 LIFT OFF DOOR - VENTED	\$496.41	S
	350-4088 LIFT OFF DOOR - NO VENT - MANUAL	\$496.41	S
		\$45,062.87	
REVERSE FLOW (Select one)			
350-3668	REVERSE FLOW ASSEMBLY	\$3,309.39	S
350-4021	SUCTION ONLY - FX50/60	\$661.88	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (highly regulated) - 589)



CONFIDENTIAL

FXT50 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
GEAR PUMP HYDRAULICS		
SINGLE AXLE		
350-4076	GEAR PUMP HYD FXT50/60 RH TRAFFIC	\$386.10 S
350-4077	GEAR PUMP HYD FXT50/60 LH TRAFFIC	\$386.10 S
TANDEM AXLE		
350-4222	FXT50/60 T4F HYD RH (TANDEM)	\$490.90 S
350-4285	FXT50/60 T4F HYD LH (TANDEM)	\$490.90 S
SPOILS TANK (Select one)		
350-5012	500 GAL SPOILS TANK MODULE (Single axle only)	\$12,492.95 S
	Shipped with: 601-787 SHUTOFF ASSEMBLY (For right hand traffic)	\$579.74 S
	350-3945 SHUTOFF ASSEMBLY (For left hand traffic)	\$596.79 S
	190-1920 FXT COMMON KIT PARTS (For left hand traffic)	\$1,406.50 S
		\$14,496.24 S
350-5014	800 GAL SPOILS TANK MODULE (For single axle)	\$13,523.28 S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74 S
	350-3881 VAC HOSE ROUTING ASSEMBLY	\$98.18 S
	190-1920 FXT COMMON KIT PARTS	\$1,406.50 S
		\$15,607.70 S
350-5016	TANDEM TANK MODULE (800 G) (For tandem axle)	\$14,451.00 S
	Shipped with: 601-787 SHUTOFF ASSEMBLY	\$579.74 S
	190-1927 FXT COMMON TANDEM PARTS	\$1,406.50 S
		\$16,437.24 S
WATER TANKS (Select one)		
With 500 Gallon Spoils Tank		
350-3909	200 GAL WATER (Fingle axle only)	\$980.68 S
	Shipped with: 350-3913 WATER AIR BRAKE (200 GAL)	\$550.46 S
	190-2247 200 GAL WATER PLUMBING (For right hand traffic)	\$468.84 S
	190-2248 200 GAL WATER PLUMBING (LEFT SIDE) (For left hand traffic)	\$468.84 S
		\$1,999.98 S
With 800 Gallon Spoils Tank		
350-3908	400 GAL WATER (For single axle)	\$2,537.20 S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)	\$273.58 S
	190-2238 400 GAL WATER PLUMBING	\$623.27 S
		\$3,434.05 S
350-4220	400 GAL WATER (For tandem axle)	\$2,619.94 S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)	\$273.58 S
	190-1928 400 GAL WATER PLUMBING	\$744.62 S
		\$3,638.14 S
WATER HOSE REEL KITS (Select one)		
SINGLE AXLE		
350-4137	HOSE REEL HOSE'S RH TRAFFIC	\$104.80 S
350-4138	HOSE REEL HOSE'S LH TRAFFIC	\$104.80 S
TANDEM AXLE		
350-4224	HOSE REEL HOSE RH (TANDEM)	\$104.80 S
350-4277	HOSE REEL HOSE LH (TANDEM)	\$104.80 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (highly regulated) - 590)



CONFIDENTIAL

FXT50 (highly regulated)

SUGGESTED PRICE LIST

(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
HOSE / TOOL STORAGE (Select)			
319-539	4" SUCTION TOOL (EXTENDABLE)	\$551.71	D
	Shipped with: 350-2772 HOSE SET (4")	\$689.46	S
		\$1,241.17	
LIGHTS (Select one)			
190-2065	LED LIGHTS	\$737.99	S
190-2066	NO LIGHTS	\$82.74	S
ORANGE INTEL™ OPTIONS (Select one)			
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D
NOTE: Equipment Registration Activates GPS and Telematics Boxes			
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)			
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A
NOTE: Sold in One Year Increments			
ACCESSORIES			
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00	B
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25	B
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C
190-2228	BUMPER KIT	\$821.84	S
190-1924	HITCH KIT	\$2,095.95	D
215-2445	RV 7 BLADE HARNESS	\$92.19	C
190-1715	LOCKING FUEL CAP COVER KIT (2.25")	\$37.61	C
350-4431	AIR SABER EXTENSION (36 ")	\$590.28	C
350-4430	AIR SABER ASSEMBLY	\$1,324.00	C
190-2162	FX50/FXT50 T4F UPTIME KIT	\$1,490.00	B
BOOMS (Optional)			
350-4078	FXT50/60 BOOM COMPONENTS (TIER 4)	\$1,430.76	S
	Shipped with: 350-3893 WIRELESS SYSTEM - FX50/60	(Standard) \$2,537.20	S
Select one			
	Shipped with: 350-4823 FXT BOOM SUB (OVERHEAD HOSE)	(Standard) \$4,649.69	S
	190-2625 FXT BOOM SUB KIT (OVERHEAD HOSE)	(If being shipped via vessel) \$4,649.69	S
Select for 500 gallon spoils tank			
	Shipped with: 350-3938 TRUCK VAC BOOM SADDLE (500 GAL)	\$532.81	S
Select one for 800 gallon spoils tank			
	Shipped with: 350-3937 TRUCK VAC BOOM RH SADDLE (800 GAL)	(For right hand traffic) \$532.81	S
	350-3940 TRUCK VAC BOOM LH SADDLE (800 GAL)	(For left hand traffic) \$532.81	S
		\$9,150.46	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT50 (highly regulated) - 591)

592

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FXT50 (highly regulated)

**SUGGESTED PRICE LIST
 (F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
WATER HEATER (Optional, can not combine with tool rack on single axle)			
SINGLE AXLE			
190-2232	HEATER KIT (SKID MOUNTED)	\$6,508.47	S
	Shipped with: 190-2068 SKID EXTENSION	\$273.58	S
		\$6,782.05	S
TANDEM AXLE			
350-4348	HEATER ASS'Y (TANDEM AXLE)	\$6,508.47	S
	Shipped with: 190-1942 COMMON TANDEM HEATER KIT	\$82.74	S
		\$6,591.21	S
TOOL RACK (Optional, can not combine with water heater on single axle)			
190-2067	TOOL RACK	\$230.56	S
	Shipped with: 190-2068 SKID EXTENSION	\$273.58	S
		\$504.14	S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)
 From the time of confirmation, any special paint order is non-cancelable and non-returnable.
 Please allow 30 days from time of order to delivery.
 Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).
 Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.
 Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

FXT65 (less regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FXT65 (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FXT65** Vacuum Excavation System is a dedicated truck mounted vacuum unit used for a variety of utility clean up applications and for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FXT65** basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4i, EU Stage IIIA compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Wash wand kit
- Antifreeze kit
- Tool rack on rear door
- Cyclone filter
- Hose and storage tubes
- Ladders
- Auxiliary hydraulics

COMMON COMPONENTS**SELECT ALL**

350-2681	FXT65 COMMON COMPONENTS		\$827.35	S
190-1922	FXT COMMON TANK SHIPMENT PARTS		\$380.58	S
190-1923	COVER ASSEMBLY	(Without bumper or hitch)	\$176.51	S
SELECT FOR SINGLE AXLE				
350-4139	COMMON FXT COMPONENTS TIER 4		\$7,335.81	S
350-2775	MOUNT SET		\$579.15	S
190-1921	TANK SKID COVERS	(Dealer installed only)	\$137.90	S
SELECT FOR TANDEM AXLE				
350-4219	TANDEM FXT COMPONENTS		\$8,306.57	S
350-2960	TANDEM MOUNT SET		\$617.76	S
190-1926	TANDEM SKID COVERS	(Dealer installed only)	\$196.36	S



CONFIDENTIAL

FXT65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FXT60 (Select one per category)		
POWER PACK		
270-6093	FXT65 T4F PRODUCTION DECAL KIT	\$44.50 C
270-6102	FXT65 PRODUCTION DECAL KIT FR	\$160.08 C
270-6101	FXT65 PRODUCTION DECAL KIT GR	\$160.08 C
270-6104	FXT65 PRODUCTION DECAL KIT IT	\$160.08 C
270-6103	FXT65 PRODUCTION DECAL KIT SP	\$160.08 C
270-6094	FXT65 ISO PROD DECAL KIT	\$64.14 C
TANK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11 C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00 C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00 C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00 C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00 C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		
FILTERS (Select one from Cyclone section)		
CYCLONE FILTER OPTIONS 500 GALLON SPOILS TANK		
350-2667	CYCLONE ASSEMBLY	\$2,806.37 S
	Shipped with: 350-2666 FILTER ASSEMBLY	\$1,310.52 S
	With reverse flow (right hand traffic)	
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	120 required \$4.56 \$547.20 D
	With reverse flow (left hand traffic)	
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	125 required \$4.56 \$570.00 D
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK		
350-2667	CYCLONE ASSEMBLY	\$2,806.37 S
	Shipped with: 350-2666 FILTER ASSEMBLY	\$1,310.52 S
	With reverse flow (right hand traffic)	
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	22 required \$4.56 \$100.32 D
	With reverse flow (left hand traffic)	
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	34 required \$4.56 \$155.04 D
POWER PACK (Select)		
350-2660	FX65 POWER PACK	\$44,125.20 S
	Shipped with: 350-2769 74HP FX ENGINE ASSEMBLY L/R	\$11,031.30 S
	350-4003 LIFT OFF DOOR - VENTED	\$496.41 S
	350-4088 LIFT OFF DOOR - NO VENT - MANUAL	\$496.41 S
		\$56,149.32
REVERSE FLOW (Select one)		
350-2661	REVERSE FLOW ASSEMBLY - HIGH FLOW	\$3,309.39 S
350-2662	SUCTION ONLY - FX65	\$496.41 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (less regulated) - 595)

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Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FXT65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)	
GEAR PUMP HYDRAULICS				
SINGLE AXLE				
350-4076	GEAR PUMP HYD FXT50/60 RH TRAFFIC	(For right hand traffic)	\$386.10	S
350-4077	GEAR PUMP HYD FXT50/60 LH TRAFFIC	(For left hand traffic)	\$386.10	S
TANDEM AXLE				
350-4222	FXT50/60 T4F HYD RH (TANDEM)	(For right hand traffic)	\$490.90	S
350-4285	FXT50/60 T4F HYD LH (TANDEM)	(For left hand traffic)	\$490.90	S
SPOILS TANK (Select one)				
350-5012	500 GAL SPOILS TANK MODULE	(Single axle only)	\$12,492.95	S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79	S
	190-1920 FXT COMMON KIT PARTS	(Dealer installed only)	\$1,406.50	S
			\$14,496.24	S
350-5014	800 GAL SPOILS TANK MODULE	(For single axle)	\$13,523.28	S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79	S
	350-2679 VAC HOSE ROUTING ASSEMBLY (5")		\$98.18	S
	190-1920 FXT COMMON KIT PARTS	(Dealer installed only)	\$1,406.50	S
			\$15,624.75	S
350-5016	TANDEM TANK MODULE (800 G)	(For tandem axle)	\$14,451.00	S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79	S
	190-1927 FXT COMMON TANDEM PARTS	(Dealer installed only)	\$1,406.50	S
			\$16,454.29	S
WATER TANKS (Select one)				
With 500 Gallon Spoils Tank				
350-3909	200 GAL WATER	(Single axle only)	\$980.68	S
	Shipped with: 350-3913 WATER AIR BRAKE (200 GAL)		\$550.46	S
	190-2247 200 GAL WATER PLUMBING	(For right hand traffic)	\$468.84	S
	190-2248 200 GAL WATER PLUMBING (LEFT SIDE)	(For left hand traffic)	\$468.84	S
			\$1,999.98	S
With 800 Gallon Spoils Tank				
350-3908	400 GAL WATER	(For single axle)	\$2,537.20	S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)		\$273.58	S
	190-2238 400 GAL WATER PLUMBING		\$623.27	S
			\$3,434.05	S
350-2688	400 GALLON WATER - FXT65	(For tandem axle)	\$2,537.20	S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)		\$273.58	S
	190-1928 400 GAL WATER PLUMBING		\$744.62	S
			\$3,555.40	S
HOSE / TOOL STORAGE (Select)				
319-539	4" SUCTION TOOL (EXTENDABLE)		\$551.71	D
	Shipped with: 350-2772 HOSE SET (4")		\$689.46	S
			\$1,241.17	

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (less regulated) - 596)

597

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

FXT65 (less regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)		
WATER HOSE REEL KITS (Select one)				
SINGLE AXLE				
350-4137	HOSE REEL HOSE'S RH TRAFFIC	\$104.80	S	
350-4138	HOSE REEL HOSE'S LH TRAFFIC	\$104.80	S	
TANDEM AXLE				
350-4224	HOSE REEL HOSE RH (TANDEM)	\$104.80	S	
350-4277	HOSE REEL HOSE LH (TANDEM)	\$104.80	S	
LIGHTS (Select one)				
190-2065	LED LIGHTS	\$737.99	S	
190-2066	NO LIGHTS	\$82.74	S	
ORANGE INTEL™ OPTIONS (Select one)				
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D	
NOTE: Equipment Registration Activates GPS and Telematics Boxes				
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)				
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A	
NOTE: Sold in One Year Increments				
ACCESSORIES				
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D	
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00	B	
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25	B	
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B	
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C	
190-1715	LOCKING FUEL CAP COVER KIT (2.25")	\$37.61	C	
190-1924	HITCH KIT	\$2,095.95	D	
190-2228	BUMPER KIT	\$821.84	S	
215-2445	RV 7 BLADE HARNESS	\$92.19	C	
350-4431	AIR SABER EXTENSION (36 ")	\$590.28	C	
350-4430	AIR SABER ASSEMBLY	\$1,324.00	C	
190-2187	.X/FXT60 T4-FX/FXT65 T4i & T4 UPTIME KIT	\$1,616.70	B	
BOOMS (Optional)				
350-4078	FXT50/60 BOOM COMPONENTS (TIER 4)	\$1,430.76	S	
Select one				
Shipped with: 350-4823 FXT BOOM SUB (OVERHEAD HOSE)		(Standard)	\$4,649.69	S
190-2625 FXT BOOM SUB KIT (OVERHEAD HOSE)		(If being shipped via vessel)	\$4,649.69	S
Select for 500 gallon spoils tank				
Shipped with: 350-3938 TRUCK VAC BOOM SADDLE (500 GAL)			\$532.81	S
Select one for 800 gallon spoils tank				
Shipped with: 350-3937 TRUCK VAC BOOM RH SADDLE (800 GAL)		(For right hand traffic)	\$532.81	S
350-3940 TRUCK VAC BOOM LH SADDLE (800 GAL)		(For left hand traffic)	\$532.81	S
			\$6,613.26	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (less regulated) - 597)



CONFIDENTIAL

FXT65 (less regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION		MSRP (USD)	
WATER HEATER (Optional, can not combine with tool rack on single axle)				
SINGLE AXLE				
190-2305	HEATER KIT (SKID MOUNTED) TRUCKS	(Dealer installed only)	\$6,833.89	S
	Shipped with: 190-2068 SKID EXTENSION	(Dealer installed only)	\$273.58	S
			\$7,107.47	S
TANDEM AXLE				
350-4348	HEATER ASS'Y (TANDEM AXLE)		\$6,508.47	S
	Shipped with: 190-1942 COMMON TANDEM HEATER KIT	(Dealer installed only)	\$82.74	S
			\$6,591.21	S
TOOL RACK (Optional, can not combine with water heater on single axle)				
190-2067	TOOL RACK	(Dealer installed only)	\$230.56	S
	Shipped with: 190-2068 SKID EXTENSION	(Dealer installed only)	\$273.58	S
			\$504.14	S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



CONFIDENTIAL

FXT65 (highly regulated)

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

FXT65 (highly regulated)**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION	MSRP (USD)
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STANDARD UNIT

The **Ditch Witch® FXT65** Vacuum Excavation System is a dedicated truck mounted vacuum unit used for a variety of utility clean up applications and for digging precisely controlled excavations to expose buried utilities.

The **Ditch Witch® FXT65** basic unit includes the following:

- Deutz TD 2.9, turbocharged, liquid cooled diesel engine (74 gross hp) EPA Tier 4, EU Stage IIIB compliant
- Insulated engine enclosure
- Cylinder assist dumping system
- Hydraulic door
- Suction tool
- Wash wand kit
- Antifreeze kit
- Tool rack on rear door
- Cyclone filter
- Hose and storage tubes
- Ladders
- Auxiliary hydraulics

COMMON COMPONENTS**SELECT ALL**

350-2681	FXT65 COMMON COMPONENTS		\$827.35	S
190-1922	FXT COMMON TANK SHIPMENT PARTS		\$380.58	S
190-1923	COVER ASSEMBLY	(Without bumper or hitch)	\$176.51	S
SELECT FOR SINGLE AXLE				
350-4139	COMMON FXT COMPONENTS TIER 4		\$7,335.81	S
350-2775	MOUNT SET		\$579.15	S
190-1921	TANK SKID COVERS	(Dealer installed only)	\$137.90	S
SELECT FOR TANDEM AXLE				
350-4219	TANDEM FXT COMPONENTS		\$8,306.57	S
350-2960	TANDEM MOUNT SET		\$617.76	S
190-1926	TANDEM SKID COVERS	(Dealer installed only)	\$196.36	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (highly regulated) - 600)



CONFIDENTIAL

FXT65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)
DECAL KITS - FXT60 (Select one per category)		
POWER PACK		
270-6093	FXT65 T4F PRODUCTION DECAL KIT	\$44.50 C
270-6102	FXT65 PRODUCTION DECAL KIT FR	\$160.08 C
270-6101	FXT65 PRODUCTION DECAL KIT GR	\$160.08 C
270-6104	FXT65 PRODUCTION DECAL KIT IT	\$160.08 C
270-6103	FXT65 PRODUCTION DECAL KIT SP	\$160.08 C
270-6094	FXT65 ISO PROD DECAL KIT	\$64.14 C
TANK		
270-2797	300/500/800 GAL TANK PROD. DECAL KIT	\$12.11 C
270-2798	500 GAL TANK PROD. DECAL KIT FR	\$20.00 C
270-2799	500 GAL TANK PROD. DECAL KIT GR	\$20.00 C
270-2800	500 GAL TANK PROD. DECAL KIT IT	\$20.00 C
270-2801	500 GAL TANK PROD. DECAL KIT SP	\$20.00 C
270-2802	500 GAL TANK PROD. ISO DECAL KIT	\$111.61 C
NOTE: ISO decals will be shipped with all translation decals and any basic unit shipped outside the United States		
FILTERS (Select one from Cyclone section)		
CYCLONE FILTER OPTIONS 500 GALLON SPOILS TANK		
350-2667	CYCLONE ASSEMBLY	\$2,806.37 S
	Shipped with: 350-2666 FILTER ASSEMBLY	\$1,310.52 S
With reverse flow (right hand traffic)		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	120 required \$4.56 \$547.20 D
With reverse flow (left hand traffic)		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	125 required \$4.56 \$570.00 D
CYCLONE FILTER OPTIONS 800 GALLON SPOILS TANK		
350-2667	CYCLONE ASSEMBLY	\$2,806.37 S
	Shipped with: 350-2666 FILTER ASSEMBLY	\$1,310.52 S
With reverse flow (right hand traffic)		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	22 required \$4.56 \$100.32 D
With reverse flow (left hand traffic)		
	Shipped with: 150-2561 BULK HOSE, HIGH TEMP (5", SOLD PER INCH)	34 required \$4.56 \$155.04 D
POWER PACK (Select)		
350-2660	FX65 POWER PACK	\$44,125.20 S
	Shipped with: 350-2770 FX60/FX65 ENGINE ASSEMBLY (TIER 4)	\$17,324.65 S
	350-4003 LIFT OFF DOOR - VENTED	\$496.41 S
	350-4088 LIFT OFF DOOR - NO VENT - MANUAL	\$496.41 S
		\$62,442.67
REVERSE FLOW (Select one)		
350-2661	REVERSE FLOW ASSEMBLY - HIGH FLOW	\$3,309.39 S
350-2662	SUCTION ONLY - FX65	\$496.41 S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (highly regulated) - 601)



CONFIDENTIAL

FXT65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
GEAR PUMP HYDRAULICS			
SINGLE AXLE			
350-4076	GEAR PUMP HYD FXT50/60 RH TRAFFIC	(For right hand traffic)	\$386.10 S
350-4077	GEAR PUMP HYD FXT50/60 LH TRAFFIC	(For left hand traffic)	\$386.10 S
TANDEM AXLE			
350-4222	FXT50/60 T4F HYD RH (TANDEM)	(For right hand traffic)	\$490.90 S
350-4285	FXT50/60 T4F HYD LH (TANDEM)	(For left hand traffic)	\$490.90 S
SPOILS TANK (Select one)			
350-5012	500 GAL SPOILS TANK MODULE	(Single axle only)	\$12,492.95 S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79 S
	190-1920 FXT COMMON KIT PARTS	(Dealer installed only)	\$1,406.50 S
			\$14,496.24 S
350-5014	800 GAL SPOILS TANK MODULE	(For single axle)	\$13,523.28 S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79 S
	350-2679 VAC HOSE ROUTING ASSEMBLY (5")		\$98.18 S
	190-1920 FXT COMMON KIT PARTS	(Dealer installed only)	\$1,406.50 S
			\$15,624.75 S
350-5016	TANDEM TANK MODULE (800 G)	(For tandem axle)	\$14,451.00 S
	Shipped with: 350-2682 SHUTOFF ASSEMBLY - 5"		\$596.79 S
	190-1927 FXT COMMON TANDEM PARTS	(Dealer installed only)	\$1,406.50 S
			\$16,454.29 S
WATER TANKS (Select one)			
With 500 Gallon Spoils Tank			
350-3909	200 GAL WATER	(Single axle only)	\$980.68 S
	Shipped with: 350-3913 WATER AIR BRAKE (200 GAL)		\$550.46 S
	190-2247 200 GAL WATER PLUMBING	(For right hand traffic)	\$468.84 S
	190-2248 200 GAL WATER PLUMBING (LEFT SIDE)	(For left hand traffic)	\$468.84 S
			\$1,999.98 S
With 800 Gallon Spoils Tank			
350-3908	400 GAL WATER	(For single axle)	\$2,537.20 S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)		\$273.58 S
	190-2238 400 GAL WATER PLUMBING		\$623.27 S
			\$3,434.05 S
350-2688	400 GALLON WATER - FXT65	(For tandem axle)	\$2,537.20 S
	Shipped with: 350-3877 WATER AIR BRAKE (SADDLE TANK)		\$273.58 S
	190-1928 400 GAL WATER PLUMBING		\$744.62 S
			\$3,555.40 S
HOSE / TOOL STORAGE (Select)			
319-539	4" SUCTION TOOL (EXTENDABLE)		\$551.71 D
	Shipped with: 350-2772 HOSE SET (4")		\$689.46 S
			\$1,241.17

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (highly regulated) - 602)



CONFIDENTIAL

FXT65 (highly regulated)

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)		
WATER HOSE REEL KITS (Select one)				
SINGLE AXLE				
350-4137	HOSE REEL HOSE'S RH TRAFFIC	\$104.80	S	
350-4138	HOSE REEL HOSE'S LH TRAFFIC	\$104.80	S	
TANDEM AXLE				
350-4224	HOSE REEL HOSE RH (TANDEM)	\$104.80	S	
350-4277	HOSE REEL HOSE LH (TANDEM)	\$104.80	S	
LIGHTS (Select one)				
190-2065	LED LIGHTS	\$737.99	S	
190-2066	NO LIGHTS	\$82.74	S	
ORANGE INTEL™ OPTIONS (Select one)				
350-5371	GPS ONLY FOR GPS-READY	\$545.90	D	
NOTE: Equipment Registration Activates GPS and Telematics Boxes				
ORANGE INTEL™ SERVICE PLAN OPTIONS (Optional)				
240-1118	1 Year Data Service Plan GPS ONLY	\$299.40	A	
NOTE: Sold in One Year Increments				
ACCESSORIES				
325-411	4" 2 IN 1 TOOL (EXTENDABLE)	\$1,459.34	D	
150-2625	PROSPECTOR NOZZLE (#5)	\$226.00	B	
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ	\$312.25	B	
259-1012	PROSPECTOR EXTENSION, 48"LG W/ FITTING	\$18.25	B	
301-5571	REDUCED FHC BODY (64F-96F)	\$253.19	C	
190-1715	LOCKING FUEL CAP COVER KIT (2.25")	\$37.61	C	
190-1924	HITCH KIT	\$2,095.95	D	
190-2228	BUMPER KIT	\$821.84	S	
215-2445	RV 7 BLADE HARNESS	\$92.19	C	
350-4431	AIR SABER EXTENSION (36 ")	\$590.28	C	
350-4430	AIR SABER ASSEMBLY	\$1,324.00	C	
350-3893	WIRELESS SYSTEM - FX50/60	\$2,537.20	S	
190-2187	.X/FXT60 T4-FX/FXT65 T4i & T4 UPTIME KIT	\$1,616.70	B	
BOOMS (Optional)				
350-4078	FXT50/60 BOOM COMPONENTS (TIER 4)	\$1,430.76	S	
Select one				
Shipped with: 350-4823 FXT BOOM SUB (OVERHEAD HOSE)		(Standard)	\$4,649.69	S
190-2625 FXT BOOM SUB KIT (OVERHEAD HOSE)		(If being shipped via vessel)	\$4,649.69	S
Select for 500 gallon spoils tank				
Shipped with: 350-3938 TRUCK VAC BOOM SADDLE (500 GAL)			\$532.81	S
Select one for 800 gallon spoils tank				
Shipped with: 350-3937 TRUCK VAC BOOM RH SADDLE (800 GAL)		(For right hand traffic)	\$532.81	S
350-3940 TRUCK VAC BOOM LH SADDLE (800 GAL)		(For left hand traffic)	\$532.81	S
			\$6,613.26	S

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(FXT65 (highly regulated) - 603)



CONFIDENTIAL

FXT65 (highly regulated)**SUGGESTED PRICE LIST****(F.O.B. PERRY, OKLAHOMA)****Effective December 1, 2018**

PART NO.	DESCRIPTION		MSRP (USD)	
WATER HEATER (Optional, can not combine with tool rack on single axle)				
SINGLE AXLE				
190-2305	HEATER KIT (SKID MOUNTED) TRUCKS	(Dealer installed only)	\$6,833.89	S
	Shipped with: 190-2068 SKID EXTENSION	(Dealer installed only)	\$273.58	S
			\$7,107.47	S
TANDEM AXLE				
350-4348	HEATER ASS'Y (TANDEM AXLE)		\$6,508.47	S
	Shipped with: 190-1942 COMMON TANDEM HEATER KIT	(Dealer installed only)	\$82.74	S
			\$6,591.21	S
TOOL RACK (Optional, can not combine with water heater on single axle)				
190-2067	TOOL RACK	(Dealer installed only)	\$230.56	S
	Shipped with: 190-2068 SKID EXTENSION	(Dealer installed only)	\$273.58	S
			\$504.14	S

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint.

\$2,500.00 A



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VAC PARTS KITS

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



VAC PARTS KITS

CONFIDENTIAL

PART NO.	DESCRIPTION	MSRP (USD)		FX25	FX30	FX50	FX50 T4F	FX65	FXT30	FXT50	FXT65
190-1260	FX30 800 GAL. HYD. DOOR KIT	\$2,498.12	D		•						
190-1611	CYCLONIC SEPARATOR 500 GAL.	\$4,601.19	D	•	•						
190-1687	FX25 WATER PUMP KIT	\$2,725.45	D	•							
190-1785	REVERSE FLOW OPTION	\$2,101.20	D		•				•		
190-1786	NO REV FLOW SUB ASSEMBLY	\$194.67	D		•						
190-1820	FX25 REVERSE FLOW PLUMBING KIT	\$2,186.08	D	•							
190-1874	HEATER KIT FOR TRAILER MOUNT	\$6,705.30	D		•	•					
190-1924	HITCH KIT	\$2,095.95	D						•	•	•
190-1944	VAC TANK HOSE INLET KIT	\$1,676.33	D		•	•			•	•	•
190-1945	VAC TANK HOSE INLET KIT (SPECIAL PAINT)	\$1,676.33	D		•	•			•	•	•
190-2024	REVERSE FLOW KIT - FX50T4 & FX60T4	\$2,989.49	D				•	•			
190-2036	TANK ASSEMBLY 300 GAL.	\$2,265.28	D	•	•	•	•	•			
190-2037	TANK ASSEMBLY 500 GAL.	\$3,077.93	D			•	•	•			
190-2038	TANK ASSEMBLY 80 GAL.	\$872.18	D	•	•	•	•	•			
190-2039	"NS" TANK ASSEMBLY 200 GAL."	\$1,484.23	D	•	•	•	•	•			
190-2052	FX50 REVERSE FLOW CONVERSION KIT	\$5,906.40	D			•	•				
190-2057	CYCLONE STAND KIT	\$558.29	D	•	•	•	•	•			
190-2062	FX50 1200 GAL SPOILS TANK ASSY	\$25,923.56	D			•					
190-2080	CANISTER KIT	\$1,627.38	D	•	•	•					
190-2306	HEATER KIT FOR TRAILER MOUNT	\$6,508.47	D				•	•			
190-2370	REVERSE FLOW ASSEMBLY - HIGH FLOW	\$3,309.39	D					•			•
190-2371	VAC FILTER KIT (5")	\$1,819.06	D					•			•
190-2373	CYCLONE ASSEMBLY KIT (5")	\$2,868.14	D					•			•
190-2526	BOOM LH SADDLE (800 GAL) KIT	\$336.45	D						•	•	
190-2527	FXT30 BOOM COMPONENTS KIT	\$1,465.59	D						•		
190-2528	FXT50 -T4i BOOM COMPONENTS KIT	\$1,323.76	D							•	
190-2631	300 GAL SPOILS TANK KIT - DIVERTER HYD.	\$14,451.00	D							•	
190-2632	500 GAL SPOILS TANK KIT - DIVERTER HYD.	\$14,451.00	D			•					
190-2633	800 GAL SPOILS TANK KIT - DIVERTER HYD.	\$15,002.57	D			•					
190-2634	500 GAL SPOILS TANK KIT - GEAR PUMP HYD.	\$13,552.74	D			•					
190-2635	800 GAL SPOILS TANK ASSY	\$14,600.25	D	•	•		•	•			
190-2649	VAC BOOM KIT (800 GAL, OVERHEAD HOSE)	\$5,665.00	D		•		•	•			
190-2655	1200 GAL VAC BOOM (SEC GEN. WIRING, OH)	\$6,513.98	D		•						
190-2656	VAC BOOM KIT (GEAR PUMP HYD,1200 GAL,OH)	\$5,698.77	D			•					
190-2661	1200 GAL. WATER HEATER COMPONENTS KIT	\$7,473.71	D				•	•			

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



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VAC PARTS KITS

PART NO.	DESCRIPTION	MSRP (USD)		TRAILERS							
				HX30	HX50	HX75	VT12	VT14	VT17	VT20	VT24
190-2819	BLOWER QUIET PACK (5")	\$365.00	D		•	•					
190-2820	QUIET PACK FLOW CONDITIONER (HX50)	\$53.50	D		•						
190-2821	QUIET PACK FLOW CONDITIONER (HX75)	\$242.00	D			•					
190-2807	HYDRAULIC JACK*	\$1,176.65	D	•	•	•	•	•		•	•
190-2385	TRAILER TONGUE TOOLBOX*	\$571.20	C	•	•	•	•	•	•	•	•
190-2389	REVERSE FLOW KIT (HX30 BEFORE S/N 172)*	\$1,500.00	D	•			•	•		•	•
190-2506	PROSPECTOR ASSEMBLY, W/48" LANCE,#5 NOZZ*	\$312.25	B		•	•	•	•		•	•
190-2507	PROSPECTOR ASSEMBLY, W/48" LANCE,#3 NOZZ	\$312.25	B	•							
190-2556	GPS ONLY FOR TELEMATICS READY	\$545.90	D		•	•					
190-2568	GPS ONLY FOR GPS-READY	\$545.90	D	•							
190-2590	HEATER KIT (800 GAL TRAILER & LC)*	\$5,750.00	D	•	•	•				•	•
190-2591	HEATER KIT (500 GAL TRAILER & LC)*	\$5,750.00	D	•	•	•	•	•	•		
190-2593	POWERED BOOM CONTROL KIT (HX30)*	\$2,323.00	D	•						•	•
190-2594	POWERED BOOM CONTROL KIT (HX50/75)*	\$2,323.00	D		•	•				•	•
190-2595	POWERED BOOM HOSE KIT (4")*	\$202.00	D	•	•	•				•	•
190-2676	TELEMATICS	\$1,235.95	D		•	•					
190-2797	REVERSE FLOW KIT - HX30	\$1,277.65	D	•							
190-2800	WATER AIR GAP (100 GAL TANK)*	\$237.35	D	•	•	•	•	•	•	•	
190-2801	WATER AIR GAP (200 GAL TANK)*	\$237.35	D	•	•	•					•
190-2802	TRAFFIC CONE STORAGE*	\$50.50	D	•	•	•	•	•	•	•	•
190-2803	SPARE TIRE CARRIER*	\$282.80	D	•	•	•	•	•	•	•	•
190-2804	REAR WORK LIGHTS*	\$136.35	D	•	•	•	•	•	•	•	•
190-2805	AUX HYDRAULIC CONTROL (VT17)*	\$566.10	D			•				•	
190-2806	AUX HYDRAULIC CONTROL (VT20/VT24)*	\$566.10	D			•				•	•
190-2808	ARTICULATING JIB*	\$1,277.65	D	•	•	•	•	•	•	•	•
190-3024	ARTICULATING JIB (LC)	\$1,510.00	D	•	•	•					

*Reference trailers for compatibility



CONFIDENTIAL

TRAILERS

- **S2B**



CONFIDENTIAL

S2B

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

S2B

**SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)**

Effective December 1, 2018

PART NO.	DESCRIPTION	MSRP (USD)	
S2B BASIC UNIT			
025-1014	S2B BASIC TRAILER (ORANGE)	\$1,025.32	Q
	Shipped with: 190-1779 S2B LIGHT KIT	\$244.07	Q
	190-1777 S2B FENDER KIT (ORANGE)	\$237.39	Q
	190-1778 S2B AXLE KIT	\$215.10	Q
	190-1780 S2B JACK AND CHAIN KIT	\$41.16	C
	190-1774 RAMP KIT	\$362.21	Q
	190-1776 RT12,RT16,RT20,RT24 Mount Kit	\$301.81	D
		\$2,427.06	
S2B TIRES/WHEELS (Select one)			
205-1277	T/W (ST205/75R15, C)	2 required \$221.37	442.74 C

ACCESSORIES (Optional)

190-1775	BFB MOUNT KIT	\$277.82	D
190-2620	MOUNT KIT, CX SERIES	\$291.09	D
190-2621	MOUNT KIT, C SERIES	\$291.09	D

INSTALLATION CHARGES

Additional charge for factory installed attachments and accessories

Install ramp and fenders	\$320.00	A
Install backfill blade mount kit	\$80.00	A

SPECIAL PAINT

Special color charge is per each unit - specify color code. (If first time color order, please provide 2"x3" color chip.)

From the time of confirmation, any special paint order is non-cancelable and non-returnable.

Please allow 30 days from time of order to delivery.

Orders with less than 30 days from order to delivery are subject to applicable surcharge(s).

Prices do not include the application of special or branded paints; i.e.) DuPont, Sherwin-Williams, PPG, metallic or base coat / clear coat.

Charges do not include price of paint. \$1,000.00 A



CONFIDENTIAL

OTHER

- **CHANGES**

**CONFIDENTIAL**

Changes

Changes since the November 1, 2018 price list:**Effective December 1, 2018****See changes on:**

C12X
C14
SK755
JT25 (less regulated)
JT25 (highly regulated)
JT30 (less regulated)
JT30 (highly regulated)
AT30 (less regulated)
AT30 (highly regulated)
JT40 (less regulated)
JT40 (highly regulated)
AT40 (less regulated)
AT40 (highly regulated)
JT60 (less regulated)
JT60 (highly regulated)
AT60 (less regulated)
AT60 (highly regulated)
JT100 (less regulated)
JT100 (highly regulated)
AT100 (less regulated)
AT100 (highly regulated)
FX30
Swivels and Pull Tabs

Added:

HX30 (loose configured)
HX50 (loose configured)
HX75 (loose configured)

Removed:

FXT30



CONFIDENTIAL

EXTENDED WARRANTY

- **Equipment Warranty**



CONFIDENTIAL

Equipment Warranties

Prices are in US Dollars

EXTENDED WARRANTIES

Effective December 1, 2018

MODEL	PART #	1 YR. EXT. WARRANTY	PART #	2 YR. EXT. WARRANTY
TRENCHLESS				
JT5	799-1099	\$2,044.55	799-1100	\$3,568.95
JT9	799-1252	\$3,129.00	799-1253	\$5,329.00
JT10	799-1252	\$3,129.00	799-1253	\$5,329.00
JT20	799-1186	\$4,403.25	799-1187	\$7,338.75
JT20XP	799-1466	\$5,500.00	799-1467	\$10,900.00
JT25	799-1177	\$7,709.55	799-1178	\$10,794.40
JT30	799-1126	\$8,631.40	799-1127	\$12,169.45
AT30	799-1128	\$10,274.25	799-1129	\$14,059.50
JT40	799-1391	\$14,400.00	799-1392	\$21,600.00
AT40	799-1396	\$16,600.00	799-1397	\$24,900.00
JT60	799-1200	\$24,514.00	799-1201	\$37,492.00
AT60	799-1203	\$26,574.00	799-1204	\$39,861.00
JT100	799-1080	\$35,148.75	799-1081	\$56,238.00
AT100	799-1086	\$36,312.65	799-1087	\$58,133.20
VACS / FMS				
MV800	799-1255	\$2,257.50	799-1256	\$3,386.25
FX20	799-1058	\$1,390.50	799-1059	\$2,085.75
FX25	799-1097	\$1,545.00	799-1098	\$2,317.50
FX30	799-084	\$1,838.55	799-085	\$2,595.60
HX30	799-1448	\$2,030.00	799-1449	\$2,900.00
FX50	799-1106	\$2,008.50	799-1107	\$2,992.15
HX50	799-1454	\$2,750.00	799-1455	\$3,950.00
FX60 / FXT60	799-106	\$2,163.00	799-107	\$3,218.75
FX65	799-1276	\$3,450.00	799-1277	\$4,930.00
HX75	799-1460	\$3,275.00	799-1461	\$4,675.00
FXT50	799-1250	\$3,168.00	799-1251	\$5,188.00
FXT65	799-1278	\$4,265.00	799-1279	\$6,635.00
FT5	799-104	\$369.20		
FM5	799-124	\$171.60		
FM13V	799-1038	\$473.20		
FM25	799-1057	\$1,461.20	799-1090	\$2,338.96
XP44	799-1472	\$1,615.00	799-1473	\$2,550.00
MR90	799-1271	\$3,250.00	799-1272	\$5,150.00

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Equipment Warranties - 614)



CONFIDENTIAL

Equipment Warranties

Prices are in US Dollars

EXTENDED WARRANTIES (Continued)

Effective December 1, 2018

MODEL	PART #	1 YR. EXT. WARRANTY	PART #	2 YR. EXT. WARRANTY
CUE				
R300	799-1055	\$1,102.50	799-1056	\$1,606.50
SK600	799-1413	\$1,161.00	799-1414	\$1,462.00
SK750 / SK752	799-1120	\$1,254.60	799-1121	\$1,887.00
SK755	799-1122	\$1,230.00	799-1123	\$1,850.00
SK800	799-1428	\$1,486.00	799-1429	\$1,870.00
SK850	799-1259	\$1,762.98	799-1260	\$2,056.81
SK1050	799-1418	\$1,762.98	799-1419	\$2,056.81
SK1550	799-1433	\$2,315.00	799-1434	\$2,675.00
TRENCHERS				
C12	799-1288	\$267.00	799-1289	\$445.00
C12X	799-1443	\$310.00	799-1444	\$510.00
C14	799-1284	\$249.00	799-1285	\$415.00
C16	799-1292	\$291.00	799-1293	\$485.00
C16X	799-1296	\$330.00	799-1297	\$545.00
C24X	799-1300	\$405.00	799-1301	\$670.00
C30X	799-1304	\$435.00	799-1305	\$725.00
ST37X	799-1423	\$1,993.00	799-1424	\$2,337.00
RT12 / RT16	799-1071	\$519.75		
RT20 / RT24	799-1095	\$677.25	799-1096	\$1,081.50
100SXH	799-075	\$441.00		
VP30	799-1438	\$895.00	799-1439	\$1,314.00
410SX	799-166	\$955.50	799-167	\$1,491.00
RT30	799-1124	\$1,095.00	799-1125	\$1,800.00
RT45	799-1088	\$1,210.00	799-1089	\$1,945.00
RT55	799-133	\$2,085.00	799-134	\$3,310.00
RT80T4	799-1308	\$3,300.00	799-1309	\$6,500.00
RT80Q	799-1108	\$4,201.37	799-1109	\$7,382.01
RT100	799-1184	\$3,332.05	799-1185	\$5,289.05
RT105	799-1312	\$3,955.00	799-1313	\$6,590.00
RT120	799-1179	\$4,289.95	799-1180	\$7,153.35
RT120Q	799-1182	\$5,047.00	799-1183	\$8,430.55
RT125	799-1316	\$4,275.00	799-1317	\$7,125.00
RT125Q	799-1320	\$5,115.00	799-1321	\$8,525.00

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Equipment Warranties - 615)



CONFIDENTIAL

Booms - Compact Equip

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

617

(Booms - Compact Equip - 616)

Bid Term: 2/20/19 - 2/19/21



Booms - Compact Equip

CONFIDENTIAL

PART NO.	DESCRIPTION	MSRP (USD)		RT30	H400	1TRH	1TRI	1TR4	SK3TR	SK4TR	SK5TR	SK5TW	C12	C14	C16	C16X	C24X	C30X	SK15TR
140-060	SPROCKET BOOM (36")	\$602.15	C		•	•	•	•		•	•	•							
140-1100	30" SPLIT BOOM ASSEMBLY, SPROCKET-GREASA	\$396.84	C		•	•	•	•		•	•	•							
140-1101	24" SPLIT BOOM ASSY, SPROCKET-GREASABLE	\$339.99	C		•	•	•	•	•	•	•	•							
140-1106	RELUBRICABLE - ROLLER BOOM ASS'Y (48")	\$595.84	C	•		•	•	•		•		•							
140-1110	RELUBRICABLE - ROLLER BOOM ASS'Y (18")	\$422.35	C						•										
140-1111	RELUBRICABLE - ROLLER BOOM ASS'Y (36")	\$553.86	C	•	•	•	•	•		•	•	•							
140-1112	RELUBRICABLE - ROLLER BOOM ASS'Y (24")	\$457.35	C	•	•	•	•	•	•	•	•	•							
140-1113	RELUBRICABLE - ROLLER BOOM ASS'Y (30")	\$530.97	C	•	•	•	•	•		•	•	•							
140-1114	RELUBRICABLE - GREASE BOOM ASS'Y (24")	\$739.71	C	•	•	•	•	•	•	•	•	•							
140-1115	RELUBRICABLE - GREASE BOOM ASS'Y (30")	\$777.12	C	•	•	•	•	•		•	•	•							
140-1116	RELUBRICABLE - GREASE BOOM ASS'Y (36")	\$819.35	C	•	•	•	•	•		•	•	•							
140-1122	RELUBRICABLE - 24" SPLIT BOOM ASSY, ROLL	\$339.99	C		•	•	•	•	•	•	•	•							
140-1123	RELUBRICABLE - 30" SPLIT BOOM ASSY, ROLL	\$396.84	C		•	•	•	•		•	•	•							
140-1162	24" SPLIT BOOM ASSY, ROLLER	\$339.99	C		•	•	•	•	•	•	•	•							
140-1163	30" SPLIT BOOM ASSY, ROLLER	\$396.84	C		•	•	•	•		•	•	•							
140-1205	24" BOOM ASM (35K)	\$551.67	C										•	•	•	•	•	•	•
140-1206	30" BOOM ASM (35K)	\$619.98	C												•	•	•	•	•
140-1207	36" BOOM ASM (35K)	\$642.04	C													•	•	•	•
140-1240	ROLLER BOOM ASS'Y (42")	\$567.42	C	•															
140-1287	LOW PROFILE SPROCKET BOOM, SEALED (30")	\$530.97	C	•		•	•	•		•	•	•							
140-1288	LOW PROFILE SPROCKET BOOM, SEALED (36")	\$553.86	C	•		•	•	•		•	•	•							
140-1292	LOW PROFILE SPRKT BOOM,GREASABLE (30")	\$530.97	C	•		•	•	•		•	•	•							
140-1293	LOW PROFILE SPRKT BOOM,GREASABLE (36")	\$553.86	C	•		•	•	•		•	•	•							
140-1302	LOW PROFILE SPROCKET BOOM, SEALED (24")	\$457.35	C	•		•	•	•	•	•	•	•							
140-1303	LOW PROFILE SPRKT BOOM,GREASABLE (24")	\$457.35	C	•		•	•	•	•	•	•	•							
140-1306	LOW PROFILE SPROCKET BOOM, SEALED (48")	\$595.84	C	•		•	•	•		•		•							
140-1307	LOW PROFILE SPRKT BOOM,GREASABLE (48")	\$595.84	C	•		•	•	•		•		•							
140-1310	24" SPLIT BOOM ASSY, SPROCKET-SEALED	\$339.99	C			•	•	•	•	•	•	•							
140-1311	30" SPLIT BOOM ASSEMBLY, SPROCKET-SEALED	\$396.84	C			•	•	•		•	•	•							
140-1318	GREASE BOOM ASSY (24"), SPROCKET	\$739.71	C			•	•	•	•	•	•	•							
140-1319	GREASE BOOM ASSY (30"), SPROCKET	\$777.12	C			•	•	•		•	•	•							
140-1327	GREASE BOOM ASSY (36"), SPROCKET	\$819.35	C			•	•	•		•	•	•							
140-1328	36" SPLIT BOOM ASSEMBLY, SPROCKET	\$425.03	C			•	•	•		•	•	•							
140-1332	36" SPLIT BOOM ASSY, SPROCKET, SEALED	\$425.03	C			•	•	•		•	•	•							
140-1333	36" SPLIT BOOM ASSY, ROLLER-GREASABLE	\$425.03	C			•	•	•		•	•	•							
140-1334	36" SPLIT BOOM ASSY, ROLLER-SEALED	\$425.03	C			•	•	•		•	•	•							
140-1394	18" BOOM ASM (19K)	\$420.32	C										•	•	•	•	•	•	•

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Booms - Compact Equip - 617)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Booms - Compact Equip

PART NO.	DESCRIPTION	MSRP (USD)		RT30	H400	1TRH	1TRI	1TR4	SK3TR	SK4TR	SK5TR	SK5TW	C12	C14	C16	C16X	C24X	C30X	SK15TR
140-1395	24" BOOM ASM (19K)	\$472.86	C										•	•	•	•	•	•	
140-1397	48" BOOM ASM (35K)	\$683.02	C															•	•
140-1403	36" BOOM ASM (19K)	\$535.91	C													•	•	•	
140-1418	30" BOOM ASM (19K)	\$525.40	C												•	•	•	•	
140-531	ROLLER BOOM ASS'Y (48")	595.84	C	•		•	•	•		•		•							
141-775	18" BOOM ASM (35K)	\$422.35	C						•										
141-791	ROLLER BOOM ASS'Y (36")	\$553.86	C	•	•	•	•	•		•	•	•							
141-792	ROLLER BOOM ASS'Y (24")	\$457.35	C	•	•	•	•	•	•	•	•	•							
141-793	ROLLER BOOM ASS'Y (30")	\$530.97	C	•	•	•	•	•		•	•	•							
141-794	GREASE BOOM ASS'Y (24")	\$739.71	C	•	•	•	•	•	•	•	•	•							
141-795	GREASE BOOM ASS'Y (30")	\$777.12	C	•	•	•	•	•		•	•	•							
141-796	GREASE BOOM ASS'Y (36")	\$819.35	C	•	•	•	•	•		•	•	•							

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Booms - Compact Equip - 618)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Chain Assemblies

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



Chain Assemblies

CONFIDENTIAL

33K

PART NO.	DESCRIPTION	MSRP (USD)		RT30	H400	1TRH 1TRI	1TR4	SK3TR	SK4TR	SK5TR	SK5TW	SK15TR	C12 C14 C16	C16X C24X	C30X
131-259	INSERT BIT - CARBIDE TIPPED	\$7.62	D		•			•		•	•				
131-292	33K 2P DURA 44P 4.4	\$350.81	D					•							
131-295	33K 4P DURA 60P 12.0	\$717.95	D							•					
131-298	33K 4P DURA 74P 8.0	\$702.33	D							•					
131-299	33K 4P DURA 90P 6.0	\$648.85	D							•					
131-401	33K 2P CMB DUR/ALG 52P 4.4	\$582.62	D		•			•		•					
131-402	33K 2P CMB DUR/ALG B 68P 4.4	\$828.58	D		•										
131-406	33K 2P CMB DUR/ALG B 62P 4.4	\$758.51	D		•										
131-409	33K 2P CMB DUR/SHK B 52P 4.4	\$578.06	D		•	•	•	•	•	•					
131-410	33K 2P DUR/SHK B 68P 4.4	\$755.93	D		•	•	•		•	•					
131-411	33K 2P CMB DUR/SHK B 84P 4.4	\$919.46	D			•	•		•						
131-414	33K 2P CMB DUR/SHK B 62P 4.4	\$682.42	D		•	•	•		•	•					
133-021	33K 2P DURA 62P 4.4	\$509.57	D		•	•	•		•	•					
133-022	33K 2P DURA 62P 6.4	\$558.63	D		•										
133-023	33K 2P DURA 52P 6.4	\$499.95	D		•	•	•	•	•	•					
133-024	33K 2P DURA 52P 4.4	\$425.29	D		•	•	•	•	•	•					
133-025	33K 2P DURA 68P 4.4	\$545.72	D		•	•	•		•	•	•				
133-026	33K 2P DURA 84P 4.4	\$690.65	D			•	•		•						
133-027	33K 2P DURA 68P 6.4	\$556.33	D		•	•	•		•	•	•				
133-029	33K 4P DURA 52P 3.6	\$325.08	D		•	•	•	•	•	•					
133-030	33K 4P DURA 52P 4.4	\$325.08	D		•	•	•	•	•	•					
133-031	33K 4P DURA 52P 6.4	\$423.21	D		•	•	•	•	•	•					
133-033	33K 4P DURA 52P 10.0	\$527.13	D				•		•						
133-039	33K 4P DURA 68P 3.6	\$425.30	D		•	•	•		•	•					
133-040	33K 4P DURA 68P 4.4	\$425.30	D		•	•	•		•	•					
133-041	33K 4P DURA 68P 6.4	\$484.39	D		•	•	•		•	•					
133-042	33K 4P DURA 68P 8.0	\$601.42	D			•	•		•						
133-043	33K 4P DURA 68P 10.0	\$770.43	D				•		•		•				
133-044	33K 4P DURA 68P 12.0	\$787.54	D				•		•						
133-050	33K 4P DURA 84P 4.3	\$691.86	D			•	•		•						
133-051	33K 4P DURA 84P 6.4	\$601.78	D			•	•		•						
133-052	33K 4P DURA 84P 8.0	\$724.74	D			•	•		•						
133-080	33K 4P DURA 62P 3.6	\$388.87	D		•	•	•		•	•					

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



Chain Assemblies

CONFIDENTIAL

33K

35K

PART NO.	DESCRIPTION	MSRP (USD)		RT30	H400	1TRH 1TRI	1TR4	SK3TR	SK4TR	SK5TR	SK5TW	SK15TR	C12 C14 C16	C16X C24X	C30X
133-081	33K 4P DURA 62P 4.4	\$388.87	D		•	•	•		•	•					
133-082	33K 4P DURA 62P 6.4	\$458.52	D		•	•	•		•	•					
133-148	33K 2P SHK B/O 52P 4.0	\$630.04	D		•			•		•					
133-149	33K 2P SHK B/O 68P 4.0	\$1,069.65	D		•					•					
133-150	33K 2P ALG B/O 52P 4.0	\$724.91	D		•			•		•					
133-153	33K 2P SHK B/O 62P 4.0	\$819.51	D		•					•					
131-146	35K 2P SHK II W-O 52P 4.3	\$801.28	D	•	•	•	•	•	•	•		•			
131-148	35K 2P SHK II W-O 68P 4.3	\$1,048.15	D											•	•
131-149	35K 2P SHK II W-O 84P 4.3	\$1,294.74	D												•
131-164	35K SHARK II REPAIR STATION	\$40.53	D	•	•	•	•	•	•	•					
131-180	35K 2P SHK II W-O 52P 6.0	\$817.68	D										•	•	•
131-182	35K 2P SHK II W-O 68P 6.0	\$1,070.56	D	•	•	•	•		•	•		•			
131-183	35K 2P SHK II W-O 84P 6.0	\$1,321.61	D												•
131-259	INSERT BIT - CARBIDE TIPPED	\$7.62	D	•	•			•		•	•	•			
131-320	35K 2P SHK II W-O 62P 4.3	\$955.64	D										•	•	•
131-321	35K 2P SHK II W-O 62P 6.0	\$976.82	D	•	•							•			
135-1021	35K 2P CMB DURA/SHK B 52P 6.6	\$692.08	D										•	•	•
135-1445	35K 2P SHK B/O COM 68P 6.0	\$873.49	D	•								•			
135-1450	35K 2P DURA 78P 4.6	\$736.55	D	•											
135-1451	35K 2P DURA 78P 6.6	\$910.26	D	•											
135-1454	35K 2P CMB DUR/SHK B 78P 4.6	\$934.46	D	•											
135-1455	35K 2P CMB DUR/SHK B 78P 6.6	\$1,000.04	D	•											
135-1456	35K 2P CMB DUR/ALG B 78P 4.6	\$1,022.18	D	•											
135-1457	35K 2P DURA/ALG B/O COM 78P 6.6	\$1,091.19	D	•											
135-1458	35K 2P SHK II W-O 78P 4.3"	\$1,109.33	D	•											
135-1459	35K 2P SHK II W-O 78P 6.0"	\$1,157.43	D	•											
135-1600	35K 2P DURA 44P 4.4	\$486.67	D										•	•	•
135-1601	35K 4P DURA 52P 4.4	\$455.81	D									•			
135-1602	35K 4P DURA 62P 4.4	\$517.19	D										•	•	•
135-1603	35K 4P DURA 68P 4.4	\$562.85	D									•			
135-1604	35K 4P DURA 84P 4.4	\$669.91	D												•
135-1605	35K 4P DURA 52P 6.4	\$517.25	D									•			
135-1606	35K 4P DURA 62P 6.4	\$599.20	D									•			
135-1607	35K 4P DURA 68P 6.4	\$644.78	D											•	•
135-1608	35K 4P DURA 84P 6.4	\$772.37	D									•			
135-1633	35K 62 PITCH X 6" 50/50 SHARK/DURA	\$962.53	D										•	•	•

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Chain Assemblies

PART NO.	DESCRIPTION	MSRP (USD)		RT30	H400	1TRH 1TRI	1TR4	SK3TR	SK4TR	SK5TR	SK5TW	SK15TR	C12 C14 C16	C16X C24X	C30X
35K	137-215	35K 2P DURA 62P 4.6	\$568.35	D	•	•	•	•	•	•	•	•			
	137-216	35K 2P DURA 62P 6.6	\$702.12	D									•	•	•
	137-217	35K 2P DURA 52P 6.6	\$705.54	D	•	•	•	•	•	•	•	•			
	137-218	35K 2P DURA 52P 4.6	\$537.02	D									•	•	•
	137-219	35K 2P DURA 68P 4.6	\$574.40	D	•	•	•	•	•	•	•	•			
	137-220	35K 2P DURA 84P 4.6	\$793.18	D											•
	137-221	35K 2P DURA 68P 6.6	\$653.83	D	•	•	•	•	•	•	•	•			
	137-222	35K 2P DURA 84P 6.6	\$980.28	D											•
	137-223	35K 2P ALG B/O 52P 4.3	\$724.91	D		•			•		•		•		
	137-224	35K 2P ALG B/O 62P 4.3	\$808.56	D									•	•	•
	137-225	35K 2P ALG B/O 68P 4.3	\$836.44	D		•							•		
	137-226	35K 2P SHK B/O 52P 4.3	\$667.89	D									•	•	•
	137-227	35K 2P SHK B/O 62P 4.3	\$844.44	D		•							•		
	137-228	35K 2P SHK B/O 68P 4.3	\$873.41	D										•	•
	137-229	35K 2P CMB DUR/ALG B 52P 4.6	\$636.17	D	•	•			•		•		•		
	137-230	35K 2P CMB DUR/ALG B 62P 4.6	\$748.86	D									•	•	•
	137-231	35K 2P CMB DUR/ALG B 68P 4.6	\$891.04	D	•	•					•	•	•		
	137-232	35K 2P CMB DUR/ALG B 84P 4.6	\$1,246.85	D											•
	137-233	35K 2P CMB DUR/SHK B 52P 4.6	\$618.47	D	•	•	•	•	•	•	•	•	•		
	137-235	35K 2P CMB DUR/SHK B 62P 4.6	\$706.34	D									•	•	•
137-236	35K 2P CMB DUR/SHK B 68P 4.6	\$794.12	D	•	•	•	•	•	•	•	•	•			
137-237	35K 2P CMB DUR/SHK B 84P 4.6	\$956.01	D											•	
50K	131-012	50K 2P DURA 80P 8.75"	\$1,137.45	D	•										
	131-015	50K 2P DURA 84P 8.75"	\$1,194.34	D	•	•	•								
	131-096	50K 2P ALG W/O 84P 6.0	\$2,039.02	D		•	•								
	131-097	50K 2P ALG W/O 96P 6.0	\$2,229.37	D	•	•	•								
	131-172	50K 2P SHK II W-O 80P 6.0	\$1,866.83	D	•										
	131-173	50K 2P SHK II W-O 84P 6.0	\$2,040.74	D	•	•	•	•							
	131-174	50K 2P SHK II W-O 96P 6.0	\$2,211.16	D	•	•	•	•							
	131-404	50K 2P CMB DURA/ALG 80P 6.0	\$1,757.60	D	•										
	131-405	50K 2P CMB DURA/ALG 84P 6.0	\$1,924.49	D	•	•	•	•							
	131-408	50K 2P CMB DURA/ALG 96P 6.0	\$2,109.07	D	•	•	•	•							
131-412	50K 2P CMB DURA/SHK B 80P 6.0"	\$1,608.44	D	•											

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Chain Assemblies - 622)

Bid Term: 2/20/19 - 2/19/21



Chain Assemblies

CONFIDENTIAL

PART NO.	DESCRIPTION	MSRP (USD)		H313	H314	H350	H516 H553	H810	H813	H910 H911	M910 M912	CT100M DT100M	CT120H ST120H	H853 H952 H1052	PT120H PT120Q
131-413	50K 2P DURA/SHK B 84P 6.0"	\$1,688.87	D	•	•	•									
131-416	50K 2P DURA/SHK B 96P 6.0	\$1,901.24	D	•	•	•									
132-303	50K 2P SHK B-O 84P 5.3"	\$1,872.41	D	•	•	•									
133-240	50K 4P DURA 72P 5.1"	\$826.98	D	•		•									
133-246	50K 4P DURA 80P 6.1"	\$732.86	D	•		•									
133-247	50K 4P DURA 80P 8.6"	\$872.37	D	•		•									
133-250	50K 4P DURA 96P 6.1"	\$879.43	D	•	•	•	•								
133-251	50K 4P DURA 96P 8.6"	\$1,081.26	D	•	•	•	•								
133-252	50K 4P DURA 96P 12.1"	\$1,173.14	D				•								
133-260	50K 4P DURA 108P 6.2"	\$989.37	D	•											
133-290	50K 2P DURA 72P 6.1"	\$1,103.02	D	•											
133-291	50K 2P DURA 96P 6.1"	\$1,105.82	D	•	•	•	•								
133-292	50K 2P DURA 108P 6.1"	\$1,407.82	D	•											
133-294	50K 2P DURA 88P 6.1"	\$1,013.66	D	•											
133-317	50K 4P DURA 96P 5.1"	\$1,035.74	D				•								
133-325	50K 2P DURA 84P 6.1"	\$967.57	D	•	•	•	•								
133-326	50K 4P DURA 84P 6.1"	\$769.49	D	•	•	•	•								
133-327	50K 4P DURA 84P 8.6"	\$915.96	D	•	•	•	•								
133-328	50K 4P DURA 84P 10.1"	\$1,023.69	D				•								
133-329	50K 4P DURA 84P 12.1"	\$1,026.50	D				•								
133-331	50K 2P DURA 96P 5.1"	\$1,093.17	D				•								
133-356	50K 2P DURA 84P 5.1"	\$1,354.86	D				•								
133-357	50K 4P DURA 84P 5.1"	\$807.98	D				•								
133-359	50K 2P DURA 80P 6.1"	\$921.50	D	•											
135-337	50K 2P ALG 84P 5.3"	\$2,063.21	D	•	•	•	•								
136-100	CAP BIT	\$10.46	D	•	•	•	•								
136-101	INSERT BIT	\$7.01	D	•	•	•	•								
136-102	INSERT BIT	\$8.53	D	•	•	•	•								
138-225	50K 2P ALG 96P 5.3	\$2,202.62	D	•	•	•	•								

50K



CONFIDENTIAL

Chain Assemblies

	PART NO.	DESCRIPTION	MSRP (USD)	D	H313	H314	H350	H516 H553	H810	H813	H910 H911	M910 M912	CT100M DT100M	CT120H ST120H	H853 H952 H1052	PT120H PT120Q	
70K	133-534	70K 4P DURA 62P 6.6	\$1,582.93	D				•	•	•	•	•	•	•	•	•	
	133-535	70K 4P DURA 62P 8.1	\$1,688.74	D				•	•	•	•	•	•	•	•	•	
	133-544	70K 4P DURA 70P 6.6	\$1,759.96	D					•		•	•	•	•			
	133-554	70K 4P DURA 78P 6.6	\$1,955.50	D					•		•	•	•	•	•	•	
	133-555	70K 4P DURA 78P 8.1	\$1,978.63	D					•		•	•	•	•	•	•	
	133-564	70K 4P DURA 94P 6.6	\$2,322.55	D					•	•	•	•	•	•			
	133-726	70K 2P DURA 62P 6.6	\$1,760.13	D				•	•	•	•	•	•	•	•	•	•
	133-728	70K 2P DURA 62P 9.62	\$2,003.65	D					•	•	•	•	•	•	•	•	•
	133-787	70K 2P DURA 68P 6.6	\$1,930.45	D					•	•	•	•	•	•	•	•	•
	133-790	70K 2P DURA 76P 6.6	\$2,135.44	D				•		•							
	134-726	P70K 2P DURA 62P 6.6	\$1,935.10	D				•	•	•	•	•	•	•	•	•	•
	134-736	P70K 2P DURA 70P 6.8	\$2,247.20	D					•		•	•	•	•	•	•	•
	134-747	P70K 2P DURA 78P 8.1	\$3,026.05	D					•		•	•	•	•	•	•	•
	135-776	70K 2P ALG 62P 6.8	\$2,509.30	D				•		•							
	135-779	70K 2P ALG 94P 6.8	\$4,098.52	D						•							
	135-789	70K 2P ALG 76P 6.4"	\$3,401.49	D				•		•							
	136-100	CAP BIT	\$10.46	D				•	•	•	•	•	•	•	•	•	•
	136-101	INSERT BIT	\$7.01	D				•	•	•	•	•	•	•	•	•	•
	136-102	INSERT BIT	\$8.53	D				•	•	•	•	•	•	•	•	•	•
	137-776	"NS" P70K 2P ALG 62P 6.8"	\$2,787.00	D				•	•	•	•	•	•	•	•	•	•
137-777	P70K 2P ALG 70P 6.8	\$3,234.21	D					•		•	•	•	•	•	•	•	
137-778	P70K 2P ALG 78P 6.8	\$3,513.02	D					•		•	•	•	•	•	•	•	
110K	131-245	110K 2P ALG B-O 62P 8.0"	\$3,066.92	D					•		•	•	•	•	•	•	
	131-247	110K 2P ALG B-O 70P 8.0"	\$3,513.02	D					•		•	•	•	•			
	131-248	110K 2P ALG B-O 78P 8.0"	\$3,763.95	D					•		•	•	•	•	•	•	
	131-249	110K 2P ALG B-O 62P 10.0"	\$3,847.60	D					•		•	•	•	•	•	•	
	131-251	110K 2P ALG B-O 70P 10.0"	\$3,635.71	D					•		•	•	•	•	•	•	
	131-252	110K 2P ALG B-O 78P 10.0"	\$4,182.17	D					•		•	•	•	•			
	131-253	110K 2P ALG B-O 62P 12.0"	\$3,987.01	D					•		•	•	•	•	•	•	
	131-255	110K 2P ALG B-O 70P 12.0"	\$4,182.17	D					•		•	•	•	•	•	•	
	131-256	110K 2P ALG B-O 78P 12.0"	\$4,600.39	D					•		•	•	•	•	•	•	
	131-264	110K 2P CMB DURA/SHK B 62P 6.0	\$2,650.03	D					•		•	•	•	•	•	•	
131-266	110K 2P CMB DURA/SHK 70P 6.0"	\$2,898.48	D					•		•	•	•	•	•	•		
131-268	110K 2P CMB DURA/SHK 78P 6.0"	\$3,176.52	D					•		•	•	•	•	•	•		
131-269	110K 2P CMB DURA/ALG 62P 6.0"	\$2,560.89	D					•		•	•	•	•	•	•		
131-270	110K 2P CMB DURA/ALG 70P 6.0"	\$3,001.79	D					•		•	•	•	•	•	•		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Chain Assemblies - 624)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Chain Assemblies

PART NO.	DESCRIPTION	MSRP (USD)		H313	H314	H350	H516 H553	H810	H813	H910 H911	M910 M912	CT100M DT100M	CT120H ST120H	H853 H952 H1052	PT120H PT120Q
110K	131-271	110K 2P ALG B-O CMB 78P 6.0	\$3,288.43	D				•		•	•	•	•	•	•
	131-290	FLARED CAP BIT	\$10.69	C				•		•	•	•	•	•	•
	133-420	110K 2P DURA 62P 7.0"	\$1,959.18	D				•		•	•	•	•	•	•
	133-421	110K 2P DURA 62P 8.5"	\$2,063.21	D				•		•	•	•	•	•	•
	133-423	110K 2P DURA 62P 12	\$2,374.09	D				•		•	•	•	•	•	•
	133-430	110K 2P DURA 78P 7.0"	\$2,485.28	D				•		•	•	•	•	•	•
	133-431	110K 2P DURA 78P 8.5"	\$2,274.09	D				•		•	•	•	•	•	•
	133-434	110K 2P DURA 78P 15"	\$3,046.64	D				•		•	•	•	•		
	133-440	110K 2P DURA 94P 7.0	\$3,088.71	D				•		•	•	•	•		
	133-441	110K 2P DURA 94P 8.5	\$3,617.59	D				•		•	•	•	•		
	133-459	110K 2P DURA 70P 7.0	\$1,965.17	D				•		•	•	•	•	•	•
	133-460	110K 2P DURA 70P 8.5	\$2,040.91	D				•		•	•	•	•	•	•
	133-461	110K 2P DURA 70P 10	\$2,491.50	D				•		•	•	•	•	•	•
	133-462	110K 2P DURA 70P 12	\$2,680.41	D				•		•	•	•	•	•	•
	133-463	110K 2P DURA 70P 15	\$2,731.87	D				•		•	•	•	•		
	135-1484	110K 2P ALG W-O 62P 6.0" (NON-IND)	\$3,668.04	D				•		•	•	•	•	•	•
	135-1515	110K 2P ALG W-O 70P 6.0" (NON-IND)	\$4,014.87	D				•		•	•	•	•	•	•
	135-485	110K 2P ALG 62P 6.7	\$2,732.35	D				•		•	•	•	•	•	•
	135-486	110K 2P ALG 70P 6.6"	\$3,289.97	D				•		•	•	•	•	•	•
	135-487	110K 2P ALG 78P 6.6"	\$3,624.55	D				•		•	•	•	•	•	•
	136-100	CAP BIT	\$10.46	D				•		•	•	•	•	•	•
	136-101	INSERT BIT	\$7.01	D				•		•	•	•	•	•	•
	136-102	INSERT BIT	\$8.53	D				•		•	•	•	•	•	•
	136-222	INSERT BIT	\$9.73	D				•		•	•	•	•	•	•

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The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Chain Assemblies - 625)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Chain Assemblies

110K PREMIUM

PART NO.	DESCRIPTION	MSRP (USD)		H313	H314	H350	H516 H553	H810	H813	H910 H911	M910 M912	CT100M DT100M	CT120H ST120H	H853 H952 H1052	PT120H PT120Q
134-420	P110K 2P DURA 62P 7.0	\$1,727.88	D					•		•	•	•	•	•	•
134-421	P110K 2P DURA 62P 8.5	\$1,961.44	D					•		•	•	•	•	•	•
134-422	P110K 2P DURA 62P 10"	\$3,074.77	D					•		•	•	•	•	•	•
134-423	P110K 2P DURA 62P 12"	\$3,608.31	D					•		•	•	•	•	•	•
134-430	P110K 2P DURA 78P 7.0	\$2,223.92	D					•		•	•	•	•	•	•
134-431	P110K 2P DURA 78P 8.5	\$2,562.18	D					•		•	•	•	•	•	•
134-433	P110K 2P DURA 78P 12	\$4,524.60	D					•		•	•	•	•	•	•
134-459	P110K 2P DURA 70P 7.0	\$1,928.39	D					•		•	•	•	•	•	•
134-460	P110K 2P DURA 70P 8.5	\$2,299.39	D					•		•	•	•	•	•	•
134-461	P110K 2P DURA 70P 10	\$3,465.64	D					•		•	•	•	•	•	•
134-462	P110K 2P DURA 70P 11	\$4,069.94	D					•		•	•	•	•	•	•
134-464	P110K 2P DURA 70P 15"	\$5,280.82	D					•		•	•	•	•		
135-1492	110K 2P SHK II W-O 78P 6.0" (NON-IND)	\$3,832.69	D					•		•	•	•	•	•	•
135-1493	110K 2P SHK II W-O 78P 8.0" (NON-IND)	\$4,260.23	D					•		•	•	•	•	•	•
135-1494	110K 2P SHK II W-O 62P 6.0" (NON-IND)	\$3,226.65	D					•		•	•	•	•	•	•
135-1496	110K 2P SHK II W-O 70P 6.0" (NON-IND)	\$3,473.90	D					•		•	•	•	•	•	•
135-1497	110K 2P SHK II W-O 62P 8.0" (NON-IND)	\$3,612.24	D					•		•	•	•	•	•	•
135-1499	110K 2P SHK II W-O 70P 8.0" (NON-IND)	\$3,992.00	D					•		•	•	•	•	•	•
136-100	CAP BIT	\$10.46	D					•	•	•	•	•	•	•	•
136-101	INSERT BIT	\$7.01	D					•	•	•	•	•	•	•	•
136-102	INSERT BIT	\$8.53	D					•	•	•	•	•	•	•	•
137-485	P110K 2P ALG 62P 6.8	\$2,871.76	D					•		•	•	•	•	•	•
137-486	P110K 2P ALG 70P 6.8	\$3,373.61	D					•		•	•	•	•		
137-488	P110K 2P ALG 94P 6.8	\$4,349.45	D						•						

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Chain Assemblies - 626)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Backreamers

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Backreamers

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
2.0" Shaft																
400-2732	6" 1.63-6 KODIAK EZ REAMER ASSEMBLY	\$902.72	C		•											
400-2579	6" 2.00-6 KODIAK EZ REAMER ASSEMBLY	\$918.65	C			•	•									
400-2584	8" 2.00-6 KODIAK EZ REAMER ASSEMBLY	\$1,495.64	C			•	•									
2.25" Shaft																
400-2699	6" 2.25-6 KODIAK EZ REAMER ASSEMBLY	\$926.16	C					•	•							
400-2700	8" 2.25-6 KODIAK EZ REAMER ASSEMBLY	\$1,261.89	C					•	•							
2.95" Shaft																
400-2799	5.5/2.95-4 SWAB REAMER ASS'Y	\$957.09	C									•				
400-3066	6.5" SWAB ASSEMBLY, 2.95-4	\$1,008.59	C									•				
3.25" Shaft																
400-2716	6.5" SWAB ASSEMBLY, 3.25-4	\$1,012.03	C											•		
3.50" Shaft																
400-2719	6.5" SWAB ASSEMBLY, 3.44-4	\$1,027.94	C													•
2.75" Shaft																
400-2964	6-4 SANDHOG (2.0 IF / 20K TAB)	\$1,823.65	C		•	•	•									
400-2965	8-6 SANDHOG (2.0 IF / 20K TAB)	\$1,750.32	C		•	•	•									
400-2966	10-8 SANDHOG (2.0 IF / 20K TAB)	\$2,388.23	C		•	•	•									
400-2967	12-10 SANDHOG (2.0 IF / 20K TAB)	\$2,668.64	C		•	•	•									
400-2968	6-4 SANDHOG (2-3/8 API-R / 20K TAB)	\$1,900.93	C			•	•	•	•							
400-2969	8-6 SANDHOG (2-3/8" API-R / 30K TAB)	\$1,774.01	C			•	•	•	•							
400-2970	10-8 SANDHOG (2-3/8" API-R / 30K TAB)	\$2,396.85	C			•	•	•	•							
400-2971	12-10 SANDHOG (2-3/8" API-R / 30K TAB)	\$2,825.85	C			•	•	•	•							
3.75" Shaft																
400-2993	10X4 ROCKMONSTER (2-7/8 API-R/40K TAB)	\$10,300.00	B							•		•		•		•
400-3036	12X4 ROCKMONSTER (2-7/8 API-R,F/40K TAB)	\$11,948.00	B							•		•		•		•
4.75" Shaft																
400-3037	14X4 ROCKMONSTER (3-1/2" API-IF, F/F)	\$12,051.00	B							•		•		•		•
400-3038	14X5 ROCKMONSTER (3-1/2" API-IF, F/F)	\$12,978.00	B							•		•		•		•
400-3039	16X5 ROCKMONSTER (3-1/2" API-IF, F/F)	\$15,707.50	B							•		•		•		•
400-2735	18X5 ROCKMONSTER (3-1/2" API-IF, F/F)	\$18,540.00	B							•		•		•		•
400-2736	20X6 ROCKMONSTER (3-1/2" API-IF, F/F)	\$21,630.00	B							•		•		•		•
400-2737	22X6 ROCKMONSTER (3-1/2" API-IF, F/F)	\$22,660.00	B							•		•		•		•
400-1647	24X6 ROCKMONSTER (3-1/2" API-IF, F/F)	\$24,480.00	B							•		•		•		•

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Backreamers

ROCKMASTER

BEAVERTAIL

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
2.75" Shaft																
190-1419	6-2.75 ROCKMASTER TCI 1.94-4 F	\$9,209.41	B			•	•									
190-1403	6-2.75 ROCKMASTER TCI 2.59-4F	\$9,601.40	B							•		•		•		
4.0" Shaft																
190-1391	8-4.0 ROCKMASTER TCI 2.59-4F	\$12,204.91	B							•		•		•		
190-1392	8-4.0 ROCKMASTER MT 2.59-4F	\$11,176.78	B							•		•		•		
190-1393	10-4.0 ROCKMASTER TCI 2.59-4F	\$12,886.51	B							•		•		•		
190-1394	10-4.0 ROCKMASTER MT 2.59-4F	\$11,288.65	B							•		•		•		
190-1395	12-4.0 ROCKMASTER TCI 2.59-4F MOCKUP	\$13,750.61	B							•		•		•		
190-1396	12-4.0 ROCKMASTER MT 2.59-4F	\$12,416.34	B							•		•		•		
5.75" Shaft																
190-1397	10-5.75 ROCKMASTER TCI 3.5APIM	\$12,484.37	B							•		•		•	•	•
190-1398	10-5.75 ROCKMASTER MT 3.5APIM	\$11,421.88	B							•		•		•	•	•
190-1399	12-5.75 ROCKMASTER TCI 3.5APIM	\$12,750.00	B							•		•		•	•	•
190-1400	12-5.75 ROCKMASTER MT 3.5APIM	\$11,687.50	B							•		•		•	•	•
190-1401	14-5.75 ROCKMASTER TCI 3.5APIM	\$13,546.88	B							•		•		•	•	•
190-1402	14-5.75 ROCKMASTER MT 3.5APIM	\$12,059.38	B							•		•		•	•	•
8.0" Shaft																
190-1405	16-8 ROCKMASTR TCI 500 3.27-4F	\$31,924.51	B									•		•	•	•
190-1406	16-8 ROCKMASTR TCI 700 3.27-4F	\$32,882.25	B									•		•	•	•
190-1407	18-8 ROCKMASTR TCI 500 3.27-4F	\$34,983.83	B									•		•	•	•
190-1408	18-8 ROCKMASTR TCI 700 3.27-4F	\$34,983.83	B									•		•	•	•
190-1409	"NS" 20-8 ROCKMASTR TCI 500 3.27-4F	\$37,678.73	B									•		•	•	•
190-1410	20-8 ROCKMASTR TCI 700 3.27-4F	\$37,678.73	B									•		•	•	•
190-1411	22-8 ROCKMASTR TCI 500 3.27-4F	\$38,627.04	B									•		•	•	•
190-1412	22-8 ROCKMASTR TCI 700 3.27-4F	\$39,785.85	B									•		•	•	•
2.0" Shaft																
400-1439	4.5-2.0 BEAVERTAIL 1.10-5 F	\$867.00	C	•												
2.75" Shaft																
400-2602	6-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,058.84	C		•	•	•									
400-2603	8-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,170.08	C		•	•	•									
400-2604	10-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,287.50	C		•	•	•									
400-2605	12-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,416.25	C		•	•	•									
400-2606	14-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,636.67	C		•	•	•									
400-2607	16-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$1,751.00	C		•	•	•									
400-2608	18-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$2,229.95	C		•	•	•									
400-2609	20-2.75 BVT RMR (2.0 API-IF, F/20K TAB)	\$2,673.88	C		•	•	•									
400-2974	6-2.75 BVT RMR (2-3/8 API-R, F/20K TAB)	\$1,393.98	C					•	•	•						

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 629)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Backreamers

BEAVERTAIL

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
3.25" Shaft																
400-2381	8-3.25 BVT RMR (2-3/8 API-R, F/F)	\$1,261.75	C					•	•	•						
400-2382	10-3.25 BVT RMR (2-3/8 API-R, F/F)	\$1,398.73	C					•	•	•						
400-2383	12-3.25 BVT RMR (2-3/8 API-R, F/F)	\$1,519.25	C					•	•	•						
400-2384	14-3.25 BVT RMR (2-3/8 API-R, F/F)	\$1,757.11	C					•	•	•						
400-2385	16-3.25 BVT RMR (2-3/8 API-R, F/F)	\$1,878.08	C					•	•	•						
400-2386	18-3.25 BVT RMR (2-3/8 API-R, F/F)	\$2,216.25	C					•	•	•						
400-2387	20-3.25 BVT RMR (2-3/8 API-R, F/F)	\$2,446.25	C					•	•	•						
400-2388	24-3.25 BVT RMR (2-3/8 API-R, F/F)	\$2,755.25	C					•	•	•						
4.25" Shaft																
400-2508	8-4.25 BVT RMR (2-7/8 API-R, F/F)	\$1,902.81	C								•	•	•	•		
400-2509	10-4.25 BVT RMR (2-7/8 API-R, F/F)	\$2,033.61	C								•	•	•	•		
400-2510	12-4.25 BVT RMR (2-7/8 API-R, F/F)	\$2,279.00	C								•	•	•	•		
400-2511	14-4.25 BVT RMR (2-7/8 API-R, F/F)	\$2,517.50	C								•	•	•	•		
400-2512	16-4.25 BVT RMR (2-7/8 API-R, F/F)	\$2,676.50	C								•	•	•	•		
400-2513	18-4.25 BVT RMR (2-7/8 API-R, F/F)	\$2,868.58	C								•	•	•	•		
400-2514	20-4.25 BVT RMR (2-7/8 API-R, F/F)	\$3,091.23	C								•	•	•	•		
400-2515	24-4.25 BVT RMR (2-7/8 API-R, F/F)	\$4,026.94	C								•	•	•	•		
4.75" Shaft																
400-2524	12-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$2,655.30	C												•	•
400-2525	14-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$2,881.08	C												•	•
400-2526	16-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$3,178.94	C												•	•
400-2527	18-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$3,492.70	C												•	•
400-2528	20-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$3,869.00	C												•	•
400-2529	24-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$4,202.90	C												•	•
400-2530	28-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$4,544.19	C												•	•
400-2531	30-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$5,114.50	C												•	•
400-2532	34-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$6,174.50	C												•	•
400-2533	36-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$6,566.70	C												•	•
400-2534	38-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$7,626.70	C												•	•
400-2535	40-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$8,686.70	C												•	•
400-2536	42-4.75 BVT RMR (3-1/2 API-IF, F/F)	\$9,746.70	C												•	•

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The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 630)

Bid Term: 2/20/19 - 2/19/21



Backreamers

CONFIDENTIAL

WARTHOG

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
2.75" Shaft																
400-2537	8-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$1,245.92	C		•	•	•									
400-2538	10-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$1,484.65	C		•	•	•									
400-2539	12-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$1,603.68	C		•	•	•									
400-2540	14-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$1,870.96	C		•	•	•									
400-2541	16-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$2,106.00	C		•	•	•									
400-2542	18-2.75 WARTHOG HD (2.0 API-IF,F/20K TAB)	\$2,652.00	C		•	•	•									
3.25" Shaft																
400-2349	8" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$1,298.97	C					•	•	•						
400-2350	10" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$1,688.10	C					•	•	•						
400-2351	12" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$1,786.04	C					•	•	•						
400-2352	14" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$2,026.28	C					•	•	•						
400-2353	16" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$2,142.00	C					•	•	•						
400-2354	18" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$2,651.44	C					•	•	•						
400-2355	20" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$2,845.80	C					•	•	•						
400-2356	24" - 3.25" WARTHOG HD (2 3/8" API-R F-F)	\$3,315.00	C					•	•	•						
4.25" Shaft																
400-2423	8" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$1,391.78	C								•	•	•	•		
400-2424	10" - 4.25" WARTHOG HD(2 7/8" API-R F-F)	\$1,701.00	C								•	•	•	•		
400-2425	12" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$1,963.50	C								•	•	•	•		
400-2427	14" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$2,257.50	C								•	•	•	•		
400-2426	16" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$2,413.95	C								•	•	•	•		
400-2428	18" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$3,018.75	C								•	•	•	•		
400-2429	20" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$3,413.03	C								•	•	•	•		
400-2430	24" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$3,753.75	C								•	•	•	•		
400-2431	28" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$4,793.25	C								•	•	•	•		
400-2432	30" - 4.25" WARTHOG HD (2 7/8" API-R F-F)	\$5,223.75	C								•	•	•	•		
4.75" Shaft																
400-2447	12" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$2,730.00	C												•	•
400-2448	14" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$3,097.50	C												•	•
400-2449	16" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$3,459.75	C												•	•
400-2450	18" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$3,774.75	C												•	•
400-2451	20" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$4,226.25	C												•	•
400-2452	24" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$4,719.75	C												•	•
400-2453	28" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$5,355.00	C												•	•
400-2454	30" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$5,880.00	C												•	•
400-2455	34" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$6,667.50	C												•	•
400-2456	36" - 4.75" WARTHOG HD (3.5" API-IF F-F)	\$7,822.50	C												•	•

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The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Backreamers

COMPACT FLUTED

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
2.0" Shaft																
Reamer Only																
400-2652	4.5-2.0 FLUTED HD (1.10-5, F/12K FLG)	\$804.84	C	•												
Reamer Assembly with Tab																
400-2883	4.5-2.0 FLUTED(1.10-5F/12K TAB)	\$1,086.70	C	•												
Reamer Assembly with Swivel Tab																
400-2881	4.5-2.0 FLUTED(1.10-5F/12K SW,TB)	\$1,295.51	C	•												
Reamer Assembly with Swivel Clevis																
400-2882	4.5-2.0 FLUTED(1.10-5F/12K SW,CL)	\$1,392.25	C	•												
2.75" Shaft																
Reamer Only																
400-2543	4.5-2.75 FLUTED HD (2.0 API-IF,F/12K FLG)	\$871.38	C		•	•	•									
400-2544	6.5-2.75 FLUTED HD (2.0 API-IF,F/12K FLG)	\$1,030.00	C		•	•	•									
400-2545	8-2.75 FLUTED HD (2.0 API-IF,F/20K FLG)	\$1,383.29	C		•	•	•									
400-2546	10-2.75 FLUTED HD (2.0 API-IF,F/20K FLG)	\$1,870.48	C		•	•	•									
400-2547	12-2.75 FLUTED HD (2.0 API-IF,F/20K FLG)	\$2,104.29	C		•	•	•									
Reamer Assembly with Tab																
400-2886	4.5-2.75 FLUTED(2.0API-IF F/12K TAB)	\$1,159.11	C		•	•	•									
400-2889	6.5-2.75 FLUTED(2.0API-IF F/12K TAB)	\$1,361.11	C		•	•	•									
400-2892	8-2.75 FLUTED(2.0API-IF F/20K TAB)	\$1,679.15	C		•	•	•									
400-2895	10-2.75 FLUTED(2.0API-IF F/20K TAB)	\$2,152.15	C		•	•	•									
400-2898	12-2.75 FLUTED(2.0API-IF F/20K TAB)	\$2,379.15	C		•	•	•									
Reamer Assembly with Swivel Tab																
400-2884	4.5-2.75 FLUTED(2.0API-IF F/12K SW,TB)	\$1,367.92	C		•	•	•									
400-2887	6.5-2.75 FLUTED(2.0API-IF F/12K SW,TB)	\$1,371.04	C		•	•	•									
400-2890	8-2.75 FLUTED(2.0API-IF F/20K SW,TB)	\$2,256.79	C		•	•	•									
400-2893	10-2.75 FLUTED(2.0API-IF F/20K SW,TB)	\$2,437.81	C		•	•	•									
400-2896	12-2.75 FLUTED(2.0API-IF F/20K SW,TB)	\$2,664.81	C		•	•	•									
Reamer Assembly with Swivel Clevis																
400-2885	4.5-2.75 FLUTED(2.0API-IF F/12K SW,CL)	\$1,464.66	C		•	•	•									
400-2888	6.5-2.75 FLUTED(2.0API-IF F/12K SW,CL)	\$1,666.66	C		•	•	•									
400-2891	8-2.75 FLUTED(2.0API-IF F/20K SW,CL)	\$2,103.85	C		•	•	•									
400-2894	10-2.75 FLUTED(2.0API-IF F/20K SW,CL)	\$2,576.85	C		•	•	•									
400-2897	12-2.75 FLUTED(2.0API-IF F/20K SW,CL)	\$2,803.85	C		•	•	•									

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The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Backreamers

COMPACT FLUTED

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
3.25" Shaft																
Reamer Only																
400-2683	6.5-3.25 FLUTED HD(2-3/8 API-R,F/20K FLG)	\$1,004.25	C					•	•	•						
400-2396	8-3.25 FLUTED HD (2 3/8 API-R,F/20K FLG)	\$1,248.00	C					•	•	•						
400-2397	10-3.25 FLUTED HD (2 3/8 API-R,F/20K FLG)	\$1,768.00	C					•	•	•						
400-2398	12-3.25 FLUTED HD (2 3/8 API-R,F/30K FLG)	\$2,692.45	C					•	•	•						
400-2399	14-3.25 FLUTED HD (2 3/8 API-R,F/30K FLG)	\$3,427.39	C					•	•	•						
400-2400	16-3.25 FLUTED HD (2 3/8 API-R,F/30K FLG)	\$4,146.00	C					•	•	•						
400-2401	18-3.25 FLUTED HD (2 3/8 API-R,F/30K FLG)	\$4,502.67	C					•	•	•						
Reamer Assembly with Tab																
400-2901	6.5-3.25 FLUTED(2 3/8API-R F/20K TAB)	\$1,311.15	C					•	•	•						
400-2904	8-3.25 FLUTED(2-3/8API-R F/20K TAB)	\$1,636.14	C					•	•	•						
400-2907	10-3.25 FLUTED(2-3/8API-R F/20K TAB)	\$2,036.15	C					•	•	•						
400-2910	12-3.25 FLUTED(2-3/8API-R F/30K TAB)	\$2,417.10	C					•	•	•						
400-2913	14-3.25 FLUTED(2-3/8API-R F/30K TAB)	\$3,017.07	C					•	•	•						
400-2916	16-3.25 FLUTED(2-3/8API-R F/30K TAB)	\$3,517.10	C					•	•	•						
400-2919	18-3.25 FLUTED(2-3/8API-R F/30K TAB)	\$4,727.15	C					•	•	•						
Reamer Assembly with Swivel Tab																
400-2899	6.5-3.25 FLUTED(2 3/8API-R F/20K SW,TB)	\$1,596.81	C					•	•	•						
400-2902	8-3.25 FLUTED(2 3/8API-R F/20K SW,TB)	\$1,921.82	C					•	•	•						
400-2905	10-3.25 FLUTED(2-3/8API-R F/20K SW,TB)	\$2,264.72	C					•	•	•						
400-2908	12-3.25 FLUTED(2-3/8API-R F/30K SW,TB)	\$2,864.71	C					•	•	•						
400-2911	14-3.25 FLUTED(2-3/8API-R F/30K SW,TB)	\$3,464.73	C					•	•	•						
400-2914	16-3.25 FLUTED(2-3/8API-R F/30K SW,TB)	\$3,964.80	C					•	•	•						
400-2917	18-3.25 FLUTED(2-3/8API-R F/30K SW,TB)	\$5,174.82	C					•	•	•						
Reamer Assembly with Swivel Clevis																
400-2900	6.5-3.25 FLUTED(2 3/8API-R F/20K SW,CL)	\$1,735.85	C					•	•	•						
400-2903	8-3.25 FLUTED(2-3/8API-R F/20K SW,CL)	\$2,060.85	C					•	•	•						
400-2906	10-3.25 FLUTED(2-3/8API-R F/20K SW,CL)	\$2,460.85	C					•	•	•						
400-2909	12-3.25 FLUTED(2-3/8API-R F/30K SW,CL)	\$2,933.26	C					•	•	•						
400-2912	14-3.25 FLUTED(2-3/8API-R F/30K SW,CL)	\$3,533.26	C					•	•	•						
400-2915	16-3.25 FLUTED(2-3/8API-R F/30K SW,CL)	\$4,033.19	C					•	•	•						
400-2918	18-3.25 FLUTED(2-3/8API-R F/30K SW,CL)	\$5,243.28	C					•	•	•						

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The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 633)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Backreamers

COMPACT FLUTED

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
4.25" Shaft																
Reamer Only																
400-2485	8-4.25 FLUTED HD (2 7/8 API-R,F/20K FLG)	\$1,470.00	C								•	•	•	•		
400-2486	10-4.25 FLUTED HD (2 7/8 API-R,F/20K FLG)	\$2,047.50	C								•	•	•	•		
400-2487	12-4.25 FLUTED HD (2 7/8 API-R,F/30K FLG)	\$2,651.25	C								•	•	•	•		
400-2488	14-4.25 FLUTED HD (2 7/8 API-R,F/40K FLG)	\$3,150.00	C								•	•	•	•		
400-2489	16-4.25 FLUTED HD (2 7/8 API-R,F/40K FLG)	\$3,963.75	C								•	•	•	•		
400-2490	18-4.25 FLUTED HD (2 7/8 API-R,F/40K FLG)	\$4,515.00	C								•	•	•	•		
Reamer Assembly with Tab																
400-2922	8-4.25 FLUTED(2-7/8API-R F/20K TAB)	\$1,736.15	C								•	•	•	•		
400-2925	10-4.25 FLUTED(2-7/8API-R F/20K TAB)	\$2,286.15	C								•	•	•	•		
400-2928	12-4.25 FLUTED(2-7/8API-R F/30K TAB)	\$2,922.66	C								•	•	•	•		
400-2931	14-4.25 FLUTED(2-7/8API-R F/40K TAB)	\$3,444.49	C								•	•	•	•		
400-2934	16-4.25 FLUTED(2-7/8API-R F/40K TAB)	\$4,219.49	C								•	•	•	•		
400-2937	18-4.25 FLUTED(2-7/8API-R F/40K TAB)	\$4,744.49	C								•	•	•	•		
Reamer Assembly with Swivel Tab																
400-2920	8-4.25 FLUTED(2-7/8API-R F/20K SW,TB)	\$2,021.81	C								•	•	•	•		
400-2923	10-4.25 FLUTED(2-7/8API-R F/20K SW,TB)	\$2,571.81	C								•	•	•	•		
400-2926	12-4.25 FLUTED(2-7/8API-R F/30K SW,TB)	\$3,370.33	C								•	•	•	•		
400-2929	14-4.25 FLUTED(2-7/8API-R F/30K SW,TB)	\$4,273.33	C								•	•	•	•		
400-2932	16-4.25 FLUTED(2-7/8API-R F/40K SW,TB)	\$5,048.33	C								•	•	•	•		
400-2935	18-4.25 FLUTED(2-7/8API-R F/40K SW,TB)	\$5,573.33	C								•	•	•	•		
Reamer Assembly with Swivel Clevis																
400-2921	8-4.25 FLUTED(2-7/8API-R F/20K SW,CL)	\$2,160.85	C								•	•	•	•		
400-2924	10-4.25 FLUTED(2-7/8API-R F/20K SW,CL)	\$2,710.85	C								•	•	•	•		
400-2927	12-4.25 FLUTED(2-7/8API-R F/30K SW,CL)	\$3,438.79	C								•	•	•	•		
400-2930	14-4.25 FLUTED(2-7/8API-R F/40K SW,CL)	\$4,426.28	C								•	•	•	•		
400-2933	16-4.25 FLUTED(2-7/8API-R F/40K SW,CL)	\$5,201.28	C								•	•	•	•		
400-2936	18-4.25 FLUTED(2-7/8API-R F/40K SW,CL)	\$5,726.28	C								•	•	•	•		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 634)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Backreamers

COMPACT FLUTED

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
4.75" Shaft																
Reamer Only																
400-2491	12-4.75 FLUTED HD(3 1/2 API-IF,F/30K FLG	\$2,720.63	C												•	•
400-2492	14-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$2,777.15	C												•	•
400-2493	16-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$3,252.39	C												•	•
400-2494	18-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$3,505.25	C												•	•
400-2495	20-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$4,620.92	C												•	•
400-2496	22-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$5,926.23	C												•	•
400-2497	24-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$6,573.12	C												•	•
400-2498	26-4.75 FLUTED HD(3 1/2 API-IF,F/100K FL	\$7,748.99	C												•	•
Reamer Assembly with Tab																
400-2940	12-4.75 FLUTED(3-1/2API-IF F/30K TAB)	\$2,988.74	C												•	•
400-2943	14-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$3,192.74	C												•	•
400-2946	16-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$3,673.03	C												•	•
400-2949	18-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$3,939.07	C												•	•
400-2952	20-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$5,001.62	C												•	•
400-2955	22-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$5,849.69	C												•	•
400-2958	24-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$6,860.85	C												•	•
400-2961	26-4.75 FLUTED(3-1/2API-IF F/100K TAB)	\$7,980.73	C												•	•
Reamer Assembly with Swivel Tab																
400-2938	12-4.75 FLUTED(3-1/2API-IF F/30K SW,TB)	\$3,436.41	C												•	•
400-2941	14-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$4,721.76	C												•	•
400-2944	16-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$5,270.73	C												•	•
400-2947	18-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$5,468.09	C												•	•
400-2950	20-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$6,530.64	C												•	•
400-2953	22-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$7,378.71	C												•	•
400-2956	24-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$8,389.87	C												•	•
400-2959	26-4.75 FLUTED(3-1/2API-IF F/100K SW,TB)	\$9,509.75	C												•	•
Reamer Assembly with Swivel Clevis																
400-2939	12-4.75 FLUTED(3-1/2API-IF F/30K SW,CL)	\$3,504.87	C												•	•
400-2942	14-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$4,894.76	C												•	•
400-2945	16-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$5,447.27	C												•	•
400-2948	18-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$5,641.09	C												•	•
400-2951	20-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$6,703.64	C												•	•
400-2954	22-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$7,551.71	C												•	•
400-2957	24-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$8,562.87	C												•	•
400-2960	26-4.75 FLUTED(3-1/2API-IF F/100K SW,CL)	\$9,682.75	C												•	•

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 635)

Bid Term: 2/20/19 - 2/19/21



Backreamers

CONFIDENTIAL

KODIAK

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
2.75" Shaft																
Reamer Only																
400-2599	8-2.75 KODIAK (2.0 API-IF, F/12K SWVL)	\$1,652.70	C		•	•	•									
400-2600	10-2.75 KODIAK (2.0 API-IF, F/20K SWVL)	\$2,098.95	C		•	•	•									
400-2601	12-2.75 KODIAK (2.0 API-IF, F/20K SWVL)	\$2,535.75	C		•	•	•									
Reamer Assembly with Tab																
400-2802	8-2.75 KODIAK(2.0API-IF F/12K TAB)	\$1,887.11	C		•	•	•									
400-2805	10-2.75 KODIAK(2.0API-IF F/20K TAB)	\$2,335.15	C		•	•	•									
400-2808	12-2.75 KODIAK(2.0API-IF F/20K TAB)	\$2,751.15	C		•	•	•									
Reamer Assembly with Swivel Tab																
400-2800	8-2.75 KODIAK(2.0API-IF F/12K SW,TB)	\$2,095.92	C		•	•	•									
400-2803	10-2.75 KODIAK(2.0API-IF F/20K SW,TB)	\$2,620.81	C		•	•	•									
400-2806	12-2.75 KODIAK(2.0API-IF F/20K SW,TAB)	\$3,036.81	C		•	•	•									
Reamer Assembly with Swivel Clevis																
400-2801	8-2.75 KODIAK(2.0API-IF F/12K SW,CL)	\$2,192.66	C		•	•	•									
400-2804	10-2.75 KODIAK(2.0API-IF F/20K SW,CL)	\$2,759.85	C		•	•	•									
400-2807	12-2.75 KODIAK(2.0API-IF F/20K SW,CL)	\$3,175.85	C		•	•	•									
3.25" Shaft																
Reamer Only																
400-2357	8-3.25 KODIAK (2-3/8 API-R, F/12K FLG)	\$1,733.09	C					•	•	•						
400-2358	10-3.25 KODIAK (2-3/8 API-R, F/20K FLG)	\$2,328.75	C					•	•	•						
400-2359	12-3.25 KODIAK (2-3/8 API-R, F/20K FLG)	\$2,780.25	C					•	•	•						
400-2360	14-3.25 KODIAK (2-3/8 API-R, F/30K FLG)	\$3,286.13	C					•	•	•						
400-2820	14-3.25 KODIAK(2-3/8API-R F/30K FLG)	\$3,572.66	C					•	•	•						
400-2361	16-3.25 KODIAK (2-3/8 API-R, F/30K FLG)	\$4,156.49	C					•	•	•						
400-2362	18-3.25 KODIAK (2-3/8 API-R, F/30K FLG)	\$4,881.11	C					•	•	•						
Reamer Assembly with Tab																
400-2811	8-3.25 KODIAK(2-3/8API-R F/12K TAB)	\$1,987.59	C					•	•	•						
400-2814	10-3.25 KODIAK(2-3/8API-R F/20K TAB)	\$2,586.15	C					•	•	•						
400-2817	12-3.25 KODIAK(2-3/8API-R F/20K TAB)	\$3,022.38	C					•	•	•						
400-2823	16-3.25 KODIAK(2-3/8API-R F/30K TAB)	\$4,413.59	C					•	•	•						
400-2826	18-3.25 KODIAK(2-3/8API-R F/30K TAB)	\$5,113.71	C					•	•	•						

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077



CONFIDENTIAL

Backreamers

KODIAK

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
3.25" Shaft																
Reamer Assembly with Swivel Tab																
400-2809	8-3.25 KODIAK(2-3/8API-R F/12K SW,TB)	\$2,196.40	C					•	•	•						
400-2812	10-3.25 KODIAK(2-3/8API-R F/20K SW,TB)	\$2,871.81	C					•	•	•						
400-2815	12-3.25 KODIAK(2-3/8API-R F/20K SW,TB)	\$3,308.04	C					•	•	•						
400-2818	14-3.25 KODIAK(2-3/8API-R, F/30K SW,TB)	\$4,020.33	C					•	•	•						
400-2821	16-3.25 KODIAK(2-3/8API-R F/30K SW,TB)	\$4,861.26	C					•	•	•						
400-2824	18-3.25 KODIAK(2-3/8API-R F/30K SW,TB)	\$5,561.38	C					•	•	•						
Reamer Assembly with Swivel Clevis																
400-2810	8-3.25 KODIAK(2-3/8API-R F/12K SW,CL)	\$2,293.14	C					•	•	•						
400-2813	10-3.25 KODIAK(2-3/8API-R F/20K SW,CL)	\$3,010.85	C					•	•	•						
400-2816	12-3.25 KODIAK(2-3/8API-R F/20K SW,CL)	\$3,447.08	C					•	•	•						
400-2819	14-3.25 KODIAK(2-3/8API-R F/30K SW,CL)	\$4,088.79	C					•	•	•						
400-2822	16-3.25 KODIAK(2-3/8API-R F/30K SW,CL)	\$4,929.72	C					•	•	•						
400-2825	18-3.25 KODIAK(2-3/8API-R F/30K SW,CL)	\$5,629.84	C					•	•	•						
4.25" Shaft																
Reamer Only																
400-2500	10-4.25 KODIAK (2-7/8 API-R, F/30K FLG)	\$2,302.32	C								•	•	•	•		
400-2501	12-4.25 KODIAK (2-7/8 API-R, F/30K FLG)	\$2,600.15	C								•	•	•	•		
400-2502	14-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$3,415.44	C								•	•	•	•		
400-2503	16-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$4,013.52	C								•	•	•	•		
400-2504	18-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$5,151.25	C								•	•	•	•		
400-2505	20-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$5,807.96	C								•	•	•	•		
400-2506	24-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$7,195.91	C								•	•	•	•		
400-2507	28-4.25 KODIAK (2-7/8 API-R, F/40K FLG)	\$9,336.10	C								•	•	•	•		
Reamer Assembly with Tab																
400-2829	10-4.25 KODIAK(2-7/8 API-R F/30K TAB)	\$2,549.36	C								•	•	•	•		
400-2832	12-4.25 KODIAK(2-7/8 API-R F/30K TAB)	\$2,827.71	C								•	•	•	•		
400-2835	14-4.25 KODIAK(2-7/8API-R F/40K TAB)	\$3,636.49	C								•	•	•	•		
400-2838	16-4.25 KODIAK(2-7/8API-R F/40K TAB)	\$4,195.44	C								•	•	•	•		
400-2841	18-4.25 KODIAK (2-7/8API-R, F/40K TAB)	\$5,258.74	C								•	•	•	•		
400-2844	20-4.25 KODIAK(2-7/8API-R F/40K TAB)	\$5,872.49	C								•	•	•	•		
400-2847	24-4.25 KODIAK(2-7/8"API-R F/40K TAB)	\$7,169.64	C								•	•	•	•		
400-2850	28-4.25 KODIAK(2-7/8API-R F/40K TAB)	\$9,169.82	C								•	•	•	•		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 637)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Backreamers

KODIAK

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
4.25" Shaft																
Reamer Assembly with Swivel Tab																
400-2827	10-4.25 KODIAK(2-7/8 API-R F/30K SW,TB)	\$2,997.03	C								•	•	•	•		
400-2830	12-4.25 KODIAK(2-7/8 API-R F/30K SW,TB)	\$3,275.38	C								•	•	•	•		
400-2833	14-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$4,465.33	C								•	•	•	•		
400-2836	16-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$5,024.28	C								•	•	•	•		
400-2839	18-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$6,087.58	C								•	•	•	•		
400-2842	20-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$6,701.33	C								•	•	•	•		
400-2845	24-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$7,998.48	C								•	•	•	•		
400-2848	28-4.25 KODIAK(2-7/8 API-R F/40K SW,TB)	\$9,998.66	C								•	•	•	•		
Reamer Assembly with Swivel Clevis																
400-2828	10-4.25 KODIAK(2-7/8 API-R F/30K SW,CL)	\$3,065.49	C								•	•	•	•		
400-2831	12-4.25 KODIAK(2-7/8 API-R F/30K SW,CL)	\$3,343.84	C								•	•	•	•		
400-2834	14-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$4,618.28	C								•	•	•	•		
400-2837	16-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$5,177.23	C								•	•	•	•		
400-2840	18-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$6,240.53	C								•	•	•	•		
400-2843	20-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$6,854.28	C								•	•	•	•		
400-2846	24-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$8,151.43	C								•	•	•	•		
400-2849	28-4.25 KODIAK(2-7/8 API-R F/40K SW,CL)	\$10,151.61	C								•	•	•	•		
4.75" Shaft																
Reamer Only																
400-2588	12-4.75 KODIAK (3-1/2 API-IF, F/30K FLG)	\$3,202.50	C												•	•
400-2589	14-4.75 KODIAK (3-1/2 API-IF, F/40K FLG)	\$3,832.50	C												•	•
400-2590	16-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$4,908.75	C												•	•
400-2591	18-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$6,027.00	C												•	•
400-2592	20-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$6,825.00	C												•	•
400-2593	24-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$8,400.00	C												•	•
400-2594	28-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$10,920.00	C												•	•
400-2595	30-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$12,600.00	C												•	•
400-2596	34-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$15,225.00	C												•	•
400-2597	36-4.75 KODIAK (3-1/2" I.F. F/100K SWVL)	\$17,325.00	C												•	•



CONFIDENTIAL

Backreamers

KODIAK

PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100
4.75" Shaft																
Reamer Assembly with Tab																
400-2853	12-4.75 KODIAK(3-1/2API-IF F/30K TAB)	\$3,447.66	C												•	•
400-2856	14-4.75 KODIAK(3-1/2API-IF F/40K TAB)	\$4,094.49	C												•	•
400-2859	16-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$5,275.74	C												•	•
400-2862	18-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$6,340.74	C												•	•
400-2865	20-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$7,100.74	C												•	•
400-2868	24-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$8,600.74	C												•	•
400-2871	28-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$11,000.74	C												•	•
400-2874	30-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$12,600.74	C												•	•
400-2877	34-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$15,100.74	C												•	•
400-2880	36-4.75 KODIAK(3-1/2API-IF F/100K TAB)	\$17,100.74	C												•	•
Reamer Assembly with Swivel Tab																
400-2851	12-4.75 KODIAK(3-1/2API-IF F/30K SW,TB)	\$3,895.33	C												•	•
400-2854	14-4.75 KODIAK(3-1/2API-IF F/40K SW,TB)	\$4,923.33	C												•	•
400-2857	16-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$6,804.76	C												•	•
400-2860	18-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$7,869.76	C												•	•
400-2863	20-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$8,629.76	C												•	•
400-2866	24-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$10,129.76	C												•	•
400-2869	28-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$12,529.76	C												•	•
400-2872	30-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$14,129.76	C												•	•
400-2875	34-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$16,629.76	C												•	•
400-2878	36-4.75 KODIAK(3-1/2API-IF F/100K SW,TB)	\$18,629.76	C												•	•
Reamer Assembly with Swivel Clevis																
400-2852	12-4.75 KODIAK(3-1/2API-IF F/30K SW,CL)	\$3,963.79	C												•	•
400-2855	14-4.75 KODIAK(3-1/2API-IF F/40K SW,CL)	\$5,076.28	C												•	•
400-2858	16-4.75 KODIAK (3-1/2API-IF F/100K SW,CL)	\$6,977.76	C												•	•
400-2861	18-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$8,042.76	C												•	•
400-2864	20-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$8,802.76	C												•	•
400-2867	24-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$10,302.76	C												•	•
400-2870	28-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$12,702.76	C												•	•
400-2873	30-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$14,302.76	C												•	•
400-2876	34-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$16,802.76	C												•	•
400-2879	36-4.75 KODIAK(3-1/2API-IF F/100K SW,CL)	\$18,802.76	C												•	•

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Backreamers - 639)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Swivels and Pull Tabs

Changes since the November 1, 2018 price list:

Effective December 1, 2018

Added:	400-1588	5K SWIVEL
	400-3056	10K SWIVEL
	400-2744	20K SWIVEL
	400-3059	30K SWIVEL (DBL CLEVIS)



Swivels and Pull Tabs

CONFIDENTIAL

	PART NO.	DESCRIPTION	MSRP (USD)		SWIVELS															
					JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100			
	185-935	5000 LB DUB-SWIVEL	\$458.29	D	•															
	400-1588	5K SWIVEL	\$375.00	C	•	•	•	•	•	•	•									
	400-3056	10K SWIVEL	\$480.00	C	•	•	•	•	•	•	•									
	400-111	"NS" 12K SWIVEL 1.94-4 M/TAB	\$663.54	C		•														
	190-2359	12K SWIVEL KIT (12K CLEVIS)	\$476.60	C	•	•	•	•	•	•	•									
	190-2360	12K SWIVEL KIT (12K TAB)	\$315.00	C	•	•	•	•	•	•	•									
	368-513	12K SWIVEL ASSEMBLY	\$717.03	C	•	•														
	369-195	12K SWIVEL 1.94-4 F/TAB	\$752.08	C	•															
	400-2744	20K SWIVEL	\$700.00	C	•	•	•	•	•	•	•									
	190-2361	20K SWIVEL KIT (20K CLEVIS)	\$625.89	C		•	•	•	•	•	•	•	•	•	•	•	•			
	190-2362	20K SWIVEL KIT (20K TAB)	\$420.00	C		•	•	•	•	•	•	•	•	•	•	•	•			
	368-634	20,000# SWIVEL ASSEMBLY	\$957.96	C		•	•	•												
	369-712	20K SWIVEL ASSEMBLY	\$957.96	C		•	•	•												
	400-236	20K SWIVEL 1.94-4 F/TAB	\$957.96	C		•	•	•												
	401-283	20K SWIVEL DOUBLE CLEVIS	\$1,100.40	C		•	•	•												
	400-3059	30K SWIVEL (DBL CLEVIS)	\$775.00	C	•	•	•	•	•	•	•									
	300-1164	30K SWIVEL DOUBLE CLEVIS	\$1,600.42	C		•														
	190-2363	30K SWIVEL KIT (30K CLEVIS)	\$786.48	C					•	•	•	•	•	•	•	•	•			
	190-2364	30K SWIVEL KIT (30K TAB)	\$714.60	C					•	•	•	•	•	•	•	•	•			
	300-1157	30,000# SWIVEL ASS'Y	\$1,614.20	C		•	•	•	•	•	•			•	•	•	•			
	300-1158	30K SWIVEL W/PIN 2.06-4M/TAB	\$1,464.70	C			•	•												
	300-1159	30K SWIVEL 40K SOC F/30K TAB	\$1,508.64	C					•	•	•									
	190-2365	40K SWIVEL KIT (40K CLEVIS)	\$1,324.60	C								•	•	•	•	•	•			
	190-2366	40K SWIVEL KIT (40K TAB)	\$1,164.00	C								•	•	•	•	•	•			
	369-971	40K SWIVEL ASSEMBLY	\$1,731.32	C									•	•	•	•	•			
	400-1390	40K SWIVEL (3.44-4, M / 30K TAB)	\$1,498.89	C													•			
	400-221	40K SOCKET SWIVEL	\$1,772.52	C										•	•	•	•			
	400-748	40K SWIVEL ASSEMBLY	\$1,767.02	C								•	•	•	•	•	•			
	400-759	40K BCN SWVL 40K SOC F/40K TAB	\$3,502.15	C										•	•	•	•			
	401-294	40K SWIVEL DOUBLE CLEVIS	\$1,642.07	C										•	•	•	•			
	369-972	70K SWIVEL	\$4,175.30	C										•	•	•	•			

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Swivels and Pull Tabs - 641)

Bid Term: 2/20/19 - 2/19/21



Swivels and Pull Tabs

CONFIDENTIAL

	PART NO.	DESCRIPTION	MSRP (USD)		JT5	JT10	JT20	JT20XP	JT25	JT30	AT30	JT40	AT40	JT60	AT60	JT100	AT100	
SWIVELS	190-2367	100K SWIVEL KIT (100K CLEVIS)	\$2,244.90	C												•	•	
	190-2368	100K SWIVEL KIT (100K TAB)	\$2,063.25	C												•	•	
	400-2558	SWIVEL (2 3/8 M API-R/20K CLEVIS)	\$997.50	C					•	•	•							
	400-2559	SWIVEL (2 3/8 M API-R/20K TAB)	\$942.90	C					•	•	•							
	400-2560	SWIVEL (2 3/8 M API-R/30K CLEVIS)	\$1,890.00	C					•	•	•							
	400-2561	SWIVEL (2 3/8 M API-R/30K TAB)	\$1,575.00	C					•	•	•							
	400-2562	SWIVEL (2 7/8 M API-R/30K CLEVIS)	\$2,021.25	C									•	•	•	•		
	400-2563	SWIVEL (2 7/8 M API-R/30K TAB)	\$1,727.25	C									•	•	•	•		
	400-2564	SWIVEL (2 7/8 M API-R/40K CLEVIS)	\$2,362.50	C									•	•	•	•		
	400-2565	SWIVEL (2 7/8 M API-R/40K TAB)	\$2,021.25	C									•	•	•	•		
PULL TABS	190-2613	12K TAB KIT	\$155.77	C	•	•	•	•	•	•	•							
	400-2368	20K BOLT ON TAB (6-8MM)	\$215.25	C		•	•	•										
	190-2614	20K TAB KIT	\$179.96	C		•	•	•	•	•	•	•	•	•				
	190-2615	30K TAB KIT	\$244.55	C					•	•	•	•	•	•	•		•	
	190-2616	40K TAB KIT	\$293.72	C								•	•	•	•	•	•	
	190-2617	100K TAB KIT	\$457.78	C												•	•	
	368-352	PULL TAB SS 1.41-6M/12KM TAB	\$180.12	C		•												
	369-122	PULL TAB 3.27-4 F/M PULL TAB	\$471.42	C													•	•
	369-123	PULL TAB 3.27-4 M/M PULL TAB	\$464.15	C													•	•
	369-854	PULL TAB 70K CLEVIS/40K TAB	\$410.90	C											•	•	•	•
	369-865	PULL TAB 1.94-4 M /20K M TAB	\$203.76	C		•	•	•										
	400-1386	CONNECTOR (3.44-4, M / 30K TAB)	\$461.33	C														•
	400-2419	PULL TAB (2 3/8 M API-R/30K TAB)	\$198.45	C					•	•	•							
	400-2518	PULL TAB (2 7/8 M API - R/40K TAB)	\$333.90	C									•	•	•	•		
	400-3121	PULL TAB (2.95-4M/40K TAB)	\$368.00	C										•				
	400-2519	PULL TAB (3.5 M API-IF/100K)	\$418.43	C													•	•
	400-2554	PULL TAB (2 3/8 M API - R/20K TAB)	\$202.13	C					•	•	•							
	400-2555	PULL TAB (2 7/8 M API - R/30K TAB)	\$299.25	C									•	•	•	•		
	400-583	PULL TAB 40K SOC M/30K M TAB	\$290.45	C					•	•	•							
	400-704	PULL TAB 40K SOC M/40K M TAB	\$290.45	C											•	•		
	400-760	PULL TAB 2.77-4 DS M/30K MTAB	\$290.45	C								•						
	400-803	PULL TAB 2.77-4 SS M/30K MTAB	\$290.45	C								•						
	400-818	PULL TAB 3.25-4 M /40K M TAB	\$452.54	C												•		
	401-246	PULL TAB 3.25-4 M/30K M TAB	\$433.90	C												•		

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Swivels and Pull Tabs - 642)

Bid Term: 2/20/19 - 2/19/21



CONFIDENTIAL

Special Paint Setup Fees

Changes since the November 1, 2018 price list:

Effective December 1, 2018



CONFIDENTIAL

Special Paint Setup Fees

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

MODEL	ESTIMATED GALLONS OF PAINT REQUIRED	SETUP FEE
COMPACT		
C SERIES	1.0	\$1,000.00
PLOWS	1.0	\$1,000.00
R300 ZAHN	1.0	\$1,000.00
VP30	2.0	\$1,000.00
RT45	2.0	\$1,400.00
SKID STEERS	1.5	\$1,000.00
SK ATTACHMENTS	1.0	\$1,000.00
HEAVY DUTY		
RT55	2.0	\$2,500.00
RT80/RT80Q	2.0	\$2,500.00
RT100/RT105	2.0	\$2,500.00
RT120/RT120Q	2.0	\$2,500.00
RT125/RT125Q	2.0	\$2,500.00
TRENCHER FRONT	1.5	\$1,000.00
TRENCHER REEL CARRIERS	1.0	\$1,000.00
TRENCHER REAR	1.5	\$1,000.00
TRENCHLESS		
JT5	2.0	\$2,500.00
JT10	2.0	\$2,500.00
JT20	2.0	\$2,500.00
JT25	2.0	\$2,500.00
JT30/AT30	2.0	\$2,500.00
JT40/AT40	2.5	\$3,000.00
JT60/AT60	2.5	\$3,000.00
JT100/AT100	2.5	\$5,000.00
P80	1.0	\$1,000.00
PP25	1.0	\$1,000.00
ROTO WITCH	1.0	\$1,000.00
FLUID SYSTEMS		
FT5	1.0	\$1,000.00
FM5X	1.0	\$1,000.00
FM13X	2.0	\$1,000.00
FM25X	2.0	\$1,000.00
MR90	2.0	\$1,400.00

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Special Paint Setup Fees - 644)



CONFIDENTIAL

Special Paint Setup Fees

SUGGESTED PRICE LIST
(F.O.B. PERRY, OKLAHOMA)

Effective December 1, 2018

MODEL	ESTIMATED GALLONS OF PAINT REQUIRED	SETUP FEE
VACUUM SYSTEMS		
MV800	3.0	\$1,400.00
FX20	2.0	\$1,400.00
FX25	3.0	\$1,400.00
FX30/HX30	3.0	\$1,400.00
FX50 (500 & 800 GALLON)	3.0	\$2,500.00
FX50 (1200 GALLON)	4.0	\$2,500.00
HX50	4.0	\$2,500.00
FX65 (800 & 1200 GALLON)	4.0	\$2,500.00
HX75	4.0	\$2,500.00
FXT30 (500 & 800 GALLON)	3.0	\$1,400.00
FXT50 (500 GALLON)	3.0	\$2,500.00
FXT50 (800 GALLON)	4.0	\$2,500.00
FXT65 (500 GALLON)	3.0	\$2,500.00
FXT65 (800 GALLON)	4.0	\$2,500.00
VAC TRAILERS	2.0	\$1,000.00
TRAILERS		
S2B	2.0	\$1,000.00

Supersedes All Previous Price Lists---Prices Subject to Change Without Notice

The Charles Machine Works, Inc.; PO Box 66; Perry, OK 73077

(Special Paint Setup Fees - 645)