



Pricing Effective March 21, 2018

2018 Carlton Hurricane RS

- High Production Track Mounted Stump Cutter
- Caterpillar 303.5 Rubber Track Undercarriage
- Patented Turntable Design
- Hydraulic Controlled Push Blade
- Full Function Proportional Wireless Remote Control
- Kevlar Construction V Belts

Power Option	Factory List Price
0950359 John Deere 4.5H 140 Horsepower 4 Cylinder Turbo Charged Diesel	\$151,000

Optional Equipment

John Deere Limited Engine Warranty is two years
Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
Pricing and Specifications Subject to Change Without Notice Consult Factory

[Hurricane RS Specification Sheet](#)
[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton Hurricane TRX

- High Production Track Mounted Stump Cutter
- Caterpillar 304.5 Rubber Track Undercarriage
- Patented Turntable Design
- Hydraulic Controlled Push Blade
- Full Function Proportional Wireless Remote Control
- Kevlar Construction V Belts

Power Option

**Factory
List Price**

0950380 John Deere 6.8H 173 Horsepower 6 Cylinder Turbo Charged Diesel	\$168,000
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Optional Equipment

John Deere Limited Engine Warranty is two years
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

[HurricaneTRX 170HP John Deere Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 660

- 6" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Single Feed Motor
- Kevlar Construction V Belts

Power Option	Factory List Price
660 27 Horsepower Kohler Command V Twin	\$15,300
Optional Equipment	
0950172 Two Speed Full Time Four Wheel Drive Self Propelled Undercarriage	\$11,300

Kohler Limited Engine Warranty is two years
Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
Pricing and Specifications Subject to Change Without Notice Consult Factory

[660 Specification Sheet](#)
[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 900 Handlebar

- Handlebar Style Stump Cutter
- Hand Operated Disc Brake
- Operator Presence System

Power Option

**Factory
List Price**

9000000A Honda GX390 with Cyclone Air Filter

\$4,900

Optional Equipment

Honda Limited Engine Warranty is two years from Honda
Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
Pricing and Specifications Subject to Change Without Notice Consult Factory

[SP900 Specificaton Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 1260

- 6" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors
- Thermostatically Controlled Hydraulic Oil Cooler
- Kevlar Construction V Belts

Power Option	Factory List Price
1260 35 Horsepower Vanguard Big Block V Twin	\$18,600
Optional Equipment	
09501557 Two Speed Full Time Four Wheel Drive Self Propelled Undercarriage	\$9,765
0950168 Two Speed Rubber Track Undercarriage	\$16,850

Vanguard Limited Engine Warranty is two years
 Kubota Limited Engine Warranty is two years
 Kubota Engine is Tier 3 and only available in select foreign markets

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

[1260 35HP Vanguard Specification Sheet](#)
[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 1290

- 9" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Hydraulic Lift Cylinder
- Engine Mounted Live Hydraulic Pump
- High Torque Feed Motor
- Thermostatically Controlled Hydraulic Oil Cooler
- Kevlar Construction V Belts

Power Option	Factory List Price
1290 35 Horsepower Vanguard Big Block V Twin	\$24,500
Optional Equipment	
09501557 Two Speed Full Time Four Wheel Drive Self Propelled Undercarriage	\$9,785
0950168 Two Speed Rubber Track Undercarriage	\$16,850

Vanguard Limited Engine Warranty is two years
 Kubota Limited Engine Warranty is two years
 Kubota Engine is Tier 3 and only available in select foreign markets
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

[1290 35HP Vanguard Specification Sheet](#)
[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 1712 Apache Drum Chipper

- 12" Capacity Hydraulic Fed Drum Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors mounted on Single Feed Roller
- Single Lift Cylinder
- Precision Balanced Baffled and Pocketed Drum
- Kevlar Construction V Belts
- Radiator Debris Screen
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option	Factory List Price
1712D Kubota 84 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$40,175
1712DA Kubota 99 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$41,960

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (includes cable)	\$3,000
0950161A Winch Rope in Lieu of Cable (Requires winch option from above)	\$175
0950163 Aluminum Fenders	\$350

Kubota Limited Engine Warranty is two years
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

[1712 Apache Drum 84HP Kubota Specification Sheet](#)

[1712 Apache Drum 99HP Kubota Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 1712

- 12" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors
- Single Lift Cylinder
- Precision Ground High Speed Balanced Disk
- Kevlar Construction V Belts
- Radiator Debris Screen
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option	Factory List Price
1712 Kubota 84 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$39,500
1712A Kubota 99 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$41,500
GM Gas	\$34,800

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (includes cable)	\$3,000
0950161A Winch Rope in Lieu of Cable (Requires winch option from above)	\$175
0950163 Aluminum Fenders	\$350
0950164 Hand Crank Swivel Discharge	\$750
0950164A Hand Crank Height Adjustable Discharge	\$750

Kubota Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions

Pricing and Specifications Subject to Change Without Notice Consult Factory



Pricing Effective March 21, 2018

2018 Carlton SP2000

- Self Propelled Handlebar Style Stump Cutter
- Hydrostatic Transmission
- Height Adjustable Control Handle
- Limited Slip Drive System
- Operator Presence System
- Kevlar Construction V Belts

Power Option

**Factory
List Price**

SP2000 27 Horsepower Kohler Command V Twin	\$10,200
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Optional Equipment

0450116 Carlton Razor Cutting System	\$800
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Kohler Limited Engine Warranty is two years
Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
Pricing and Specifications Subject to Change Without Notice Consult Factory

[SP2000 Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 2012

- 12" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors
- Integrated Single Manifold Hydraulic System
- Hydraulic Lift Cylinder
- Hand Crank Swivel Discharge
- Hand Crank Height Adjustable Discharge
- Locking Fuel and Hydraulic Tanks
- Precision Ground High Speed Balanced Disk
- Kevlar Construction V Belts
- Radiator Debris Screen
- Heavy Duty Radiator Guards
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option

**Factory
List Price**

2012C Kubota 84 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$46,500
2012D Kubota 99 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$48,500
2012F John Deere 4.5H 140 Horsepower 4 Cylinder Turbo Charged Diesel	\$59,500

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (Includes cable)	\$3,000
0950161A Winch Rope In Lieu of Cable (Requires winch option from above)	\$175
0950162 Hydraulic Swivel Discharge Chute	\$1,150
0950163 Aluminum Fenders	\$350

Kubota Limited Engine Warranty is two years
 John Deere Limited Engine Warranty is two years
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

- [2012 Kubota 84HP Specification Sheet](#)
- [2012 Kubota 99HP Specification Sheet](#)
- [2012 John Deere 99HP Specification Sheet](#)
- [2012 John Deere 140HP Specification Sheet](#)
- [Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 2018HD

- 18" Capacity Disk Style Chipper
- Two Dexter Torsion Flex Suspension Axles
- Adjustable Digital Reversing Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors
- Thermostatically Controlled Hydraulic Oil Cooler
- Integrated Single Manifold Hydraulic System
- Dual Lift Cylinders
- Hydraulic Swivel Discharge
- Hand Crank Height Adjustable Discharge
- Locking Fuel and Hydraulic Tanks
- Precision Ground High Speed Balanced Disk
- Kevlar Construction V Belts
- Radiator Debris Screen
- Heavy Duty Radiator Guards
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option	Factory List Price
2018 John Deere 6.8H 173 Horsepower 6 Cylinder Turbo Charged Diesel	\$86,700

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (includes cable)	\$3,000
0950161A Winch Rope in Lieu of Cable (Requires winch option from above)	\$175
0951003 Hydraulic Tongue Jack	\$1,000
0950163 Aluminum Fenders	\$1,470

John Deere Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions

Pricing and Specifications Subject to Change Without Notice Consult Factory

[2018HD John Deere 173HP Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 2015 Apache Drum Chipper

- 15" Capacity Hydraulic Fed Drum Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Reversing Autofeed
- Engine Mounted Live Hydraulic Double Pump
- High Torque Triple Feed Motors
- Integrated Single Manifold Hydraulic System
- Dual Lift Cylinders
- Hydraulic Crank Swivel Discharge
- Hand Crank Height Adjustable Discharge
- Locking Fuel and Hydraulic Tanks
- Precision Balanced Baffled Drum
- Kevlar Construction V Belts
- Radiator Debris Screen
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option	Factory List Price
2015 John Deere 4.5H 140 Horsepower 4 Cylinder Turbo Charged Diesel	\$65,500

Optional Equipment

0950181 Hydraulic Winch Mounted on Infeed (includes cable)	\$3,000
0950181A Winch Rope in Lieu of Cable (Requires winch option from above)	\$175
0950182 Hydraulic Swivel Discharge Chute	\$1,150
0951003 Hydraulic Tongue Jack	\$1,000
0950183 Aluminum Fenders	\$350

John Deere Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory



Pricing Effective March 21, 2018

2018 Carlton 2512

- 12" Capacity Disk Style Chipper
- Dexter Torsion Flex Suspension Axle
- Adjustable Digital Autofeed
- Engine Mounted Live Hydraulic Pump
- High Torque Dual Feed Motors
- Integrated Single Manifold Hydraulic System
- Hydraulic Lift Cylinder
- Hand Crank Swivel Discharge
- Hand Crank Height Adjustable Discharge
- Locking Fuel and Hydraulic Tanks
- Precision Ground High Speed Balanced Disk
- Kevlar Construction V Belts
- Radiator Debris Screen
- Heavy Duty Radiator Guards
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option

**Factory
 List Price**

2512C Kubota 84 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$48,500
2512D Kubota 99 Horsepower 4 Cylinder Liquid Cooled Turbo Charged Diesel	\$50,500
2512F John Deere 4.5H 140 Horsepower 4 Cylinder Turbo Charged Diesel	\$60,000

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (Includes cable)	\$3,000
0950161A Winch Rope In Lieu of Cable (Requires winch option from above)	\$175
0950162 Hydraulic Swivel Discharge Chute	\$1,150
0950163 Aluminum Fenders	\$350

Kubota Limited Engine Warranty is two years
 John Deere Limited Engine Warranty is two years
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

- [2512 Kubota 84HP Specification Sheet](#)
- [2512 Kubota 99HP Specification Sheet](#)
- [2512 John Deere 99HP Specification Sheet](#)
- [2512 John Deere 140HP Specification Sheet](#)
- [Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton 2518 Apache Drum Chipper

- 18" Capacity Hydraulic Fed Drum Style Chipper
- Dexter 12,000 Pound Leaf Spring Suspension Axle
- Adjustable Digital Reversing Autofeed
- Engine Mounted Live Hydraulic Double Pump
- High Torque Triple Feed Motors
- Integrated Single Manifold Hydraulic System
- Dual Lift Cylinders
- Hydraulic Crank Swivel Discharge
- Hand Crank Height Adjustable Discharge
- Locking Fuel and Hydraulic Tanks
- Precision Balanced Baffled Drum
- Kevlar Construction V Belts
- Radiator Debris Screen
- Lockable Engine Enclosure
- AR Hardened Steel Anvil
- Full Engine Gauge Package
- Coiled Removable Light Hookup

Power Option	Factory List Price
2518 John Deere 4.5H 140 Horsepower 4 Cylinder Turbo Charged Diesel	\$74,500
2518A John Deere 6.8H 173 Horsepower 6 Cylinder Turbo Charged Diesel	\$85,500

Optional Equipment

0950161 Hydraulic Winch Mounted on Infeed (includes cable)	\$3,000
0950161A Winch Rope in Lieu of Cable (Requires winch option from above)	\$175
0950162 Hydraulic Swivel Discharge Chute	\$1,150
0951003 Hydraulic Tongue Jack	\$1,000
0950163 Aluminum Fenders	\$350
0950166 Dexter Torsion Flex Dual 10,000 Pound Axles in Lieu of Std	\$2,950

John Deere Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions

Pricing and Specifications Subject to Change Without Notice Consult Factory

[2518 John Deere 140HP Specification Sheet](#)

[2518 John Deere 173HP Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton SP5014TRX

- Self Propelled Hydraulic Controlled Track Stump Cutter
- Dual Motor Ground Drive System
- Feather Touch Hydraulic Controls
- Tapered Roller Bearings on Jackshaft and Cuttershaft
- Kevlar Construction V Belts
- Expanding Track Undercarriage

Power Option	Factory List Price
SP5014TRX 27 Horsepower Kohler Command V Twin	\$24,900
SP5014TRXA 35 Horsepower Vanguard Big Block V Twin	\$27,800

Optional Equipment

0450119 Carlton Razor Cutting System	\$1,200
0950150A Wireless Remote Control	\$5,500

Kohler Limited Engine Warranty is two years
 Vanguard Limited Engine Warranty is two years
 Kubota Limited Engine Warranty is two years
 Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

- [SP5014TRX 35HP Vanguard Specification Sheet](#)
- [SP5014TRX 33HP Kubota Specification Sheet](#)
- [SP5014TRX 44HP Kubota Specification Sheet](#)
- [Back to Index](#)

Carlton SP900 Specs
 3/21/18

The Educational Services Commission of New Jersey
 NJ State Approved Co-op #65MCECCPS

Grounds Equipment Bid #ESCNJ 18/19-25



SP900

Machine Specific

General:

Weight: 220 Pounds
Length: 77 Inches
Height: 44 Inches
Width: 24 Inches
Tires: 13 X 500 X 6
Tire Pressure: 40 PSI
Controls: Handlebar Mounted
Fuel Capacity: 1.72 Gallons

Engine:

Manufacturer: Honda GX390K1
Number of Cylinders: One Cylinder with Overhead Valves
Bore: 64 mm
Stroke: 88 mm
Displacement: 389 cubic cm
Maximum RPM: 3600
Horsepower: 13
Cooling Medium: Air
Air Cleaner: Dry Type with Precleaner
Oil Capacity: 1.1 quarts
Fuel Capacity: 1.72 US Gallons
Electrical: 12 Volt

Drive System:

Engine Sheave: 4/3V3.0
Cutter Head Sheave: 2B3.4
Drive Belt: Two Band RPB-56-Z
Cutter Head Shaft: 1 1/4 Inch
Engine Engagement: Centrifical Clutch
Belt and Chain Shields: Metal Bolt On

Bearings:

Cutter Head Bearings: 1 1/4 Inch Tap

Cutter Wheel:

Wheel Diameter: 12 1/2 Inches v
Wheel Thickness: 1/2 Inch
Wheel Speed: 1350 RPM N
Number of Teeth: 12 Carbide T
Chip Guards: Rubber and N

Cutting Dimensions:

Below Ground:
Above Ground: 9 Inches
 21 Inches

[Return to SP900 Price Sheet](#)
[Return to Index](#)



Pricing Effective March 21, 2018

2018 Carlton SP5014

- Self Propelled Hydraulic Controlled Stump Cutter
- Two Speed Ground Drive System
- Dual Motor Ground Drive System
- Feather Touch Hydraulic Controls
- Hydraulic Steering
- Tapered Roller Bearings on Jackshaft and Cuttershaft
- Kevlar Construction V Belts
- Integrated Hydraulic Brakes in Drive Motors*
- Dual Wheels

Power Option	Factory List Price
2500-4 27 Horsepower Kohler Command V Twin	\$19,500
2500-4A 35 Horsepower Vanguard Big Block V Twin	\$21,900
2500-4G 54 Horsepower Kubota Gas WG1605	\$33,175

Optional Equipment

0450119 Carlton Razor Cutting System	\$1,200
0950150 Wireless Remote Control	\$4,800
0950155 Full Time Four Wheel Drive	\$2,250
0950156 Hydraulic Scrape Blade	\$1,100
4404351 Scrape Blade	\$475
2300320 Fender Mounted Chip Guards	\$475

- Kohler Limited Engine Warranty is two years
- Vanguard Limited Engine Warranty is two years
- Kubota Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions
 Pricing and Specifications Subject to Change Without Notice Consult Factory

- [SP5014 27HP Kohler Specification Sheet](#)
- [SP5014 35HP Vanguard Specification Sheet](#)
- [SP5014 54HP Kubota Gas Specification Sheet](#)
- [Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton SP7015

- Self Propelled Hydraulic Controlled Stump Cutter
- Patented Turntable Design
- Dana 44 Rear Axle
- Integrated Hydraulic Brake
- Kevlar Construction V Belts

Power Option	Factory List Price
SP7015 Kohler KDI 2504 74 Horsepower 2.5L 4 Cylinder Turbo Diesel	\$56,000
SP7015A Kubota V2807T4 71 Horsepower 4 Cylinder Turbo Charged Diesel	\$56,000

Optional Equipment

0450118 Carlton Razor Cutting System	\$1,800
0950150B Wireless Remote Control	\$5,360
0950157 On Demand Four Wheel Drive	\$4,400
0950154 Hydraulic Controlled Scrape Blade	\$2,050
3504350 Slide on Scrape Blade	\$475

Kohler Limited Engine Warranty is three years

Kubota Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions

Pricing and Specifications Subject to Change Without Notice Consult Factory

[SP7015 74HP Kohler Specification Sheet](#)

[SP7015 71HP Kubota Specification Sheet](#)

[Back to Index](#)



Pricing Effective March 21, 2018

2018 Carlton SP7015TRX

- Self Propelled Hydraulic Controlled Track Mounted Stump Cutter
- Patented Turntable Design
- Retractable Track System
- Four Speed Ground Drive System
- Full Function Wireless Remote Control
- Turf Friendly Rubber Tracks
- Kevlar Construction V Belts

Power Option	Factory List Price
SP7015TRX3 Kohler KDI 2504 74 Horsepower 2.5L 4 Cylinder Turbo Diesel	\$72,600
SP7015TRX4 Kubota V2607T4 71 Horsepower 4 Cylinder Turbo Charged Diesel	\$72,600

Optional Equipment

0450118 Carlton Razor Cutting System	\$1,800
0950154 Hydraulic Controlled Scrape Blade	\$2,050
3504350 Slide on Scrape Blade	\$475

Kohler Limited Engine Warranty is three years

Kubota Limited Engine Warranty is two years

Consult Engine Manufacturers Literature for Specific Warranty Coverage/Limitations/Exclusions

Pricing and Specifications Subject to Change Without Notice Consult Factory

[SP7015TRX 74HP Kohler Specification Sheet](#)
[SP7015TRX 71HP Kubota Specification Sheet](#)
[Back to Index](#)



660

Machine 3

General:

Weight: 1600 Pounds
 Length: 124 inches
 Height: 87 inches
 Width: 56 inches
 Tires: ST175/80R13 Ld Rng C 1760 # @ 50 PSI
 Axle: Dexter Torflex 2,000 Pound Cap
 Brakes: Electric Available as Option
 Hitch: 2" Coupler
 Fuel Capacity: 6 Gallons
 Battery: 850 CCA 78DT - 72
 Jack Stand: 2000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kohler Model CH740
 Number of Cylinders: Two
 Bore: 3.27 Inches (83 mm)
 Stroke: 2.64 Inches (67 mm)
 Displacement: 44 Cubic Inches (725 cc)
 Maximum RPM: 3600 RPM
 Horsepower: 27 HP
 Torque: 42.7 Ft*Lbs @ 3,000 RPM
 Cooling Medium: Forced Air
 Air Cleaner: Two Stage Dry Type
 Oil Filter: Full Flow Spin On
 Oil Capacity: 2.1 Quarts
 Electrical: 12 Volt
 Weight: 94 Lbs (43 KG)

Hydraulic System:

Hyd Pump Displcmt: .329 in cu/rev
 Hyd Pump Drv System: Direct Drive off Engine Mount
 Flow: 5.33 GPM
 System Relief: 2500 PSI
 Oil Tank Capacity: 6 Gallons
 Oil Type: AW32
 Valve: Series Type
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron in Tank Return Filter

Drive System:



1260 35HP Vanguard Machine

General:

Weight: 2620 Pounds
Length: 132 inches
Height: 89 inches
Tires: 205/75R14 Ld Rng C 1760 # @ 50 PSI
Axle: Dexter Torflex 3,500 Pound Cap
Brakes: Electric Available as Option
Hitch: Five Inch Height Adjustable 2" Bulldog
Fuel Capacity: 12 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Vanguard 35 HP V-Twin
Number of Cylinders: Two
Bore: 85.5 mm
Stroke: 86.5 mm
Displacement: 993cc
Maximum RPM: 3600 RPM
Horsepower: 35 HP
Torque: 53 Ft Lbs
Cooling Medium: Forced Air
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 2.3 Quarts
Oil Type: Briggs
Electrical: 12 Volt
Gauges: None
Clutch: Sliding Positive Lock Engagement

Hydraulic System:

Hyd Pump Displcmmnt: .329 in cu/rev
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 5.33 GPM
System Relief: 2500 PSI
Oil Tank Capacity: 8 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer

Frame:

Main Trailer Tongue:
Main Trailer Frame:
Telescoping Tongue:
Engine Mount:
Infeed Chute:
Folding Infeed Tray:
Folding Tray Lock:
Discharge Chute:
Discharge Lock:
Fuel Tank:
Hydraulic Tank:
Battery Box:
Fenders:
Feeder Bar:
Radiator Guards:
Light Brackets:
Axle Mounts:
Hitch Plate:

Feed System:

Feed Motors:
Flow:
Hydraulic Drive:
Autofeed:
Feed Rate:
Feed Rollers:
Springs:
Slide Bearings:
Lift Cylinders:
Discharge:

Chipper Disk:

Wheel Diameter:
Wheel Thickness:
Disk Balance:
Wheel Speed:
Number of Knives:
Knife Dimensions:
Anvil:
Chip Throwers:



1290 35HP Vanguard Machine Specifications

General:

Weight: 2820 Pounds
 Length: 132 inches
 Height: 89 inches
 Tires: 205/75R15
 Axle: Dexter Torflex 5,200 Pound Cap
 Brakes: Electric Available as Option
 Hitch: Five Inch Height Adjustable 2" Bulldog
 Fuel Capacity: 12 Gallons
 Battery: 29HVD 650 CCA
 Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Vanguard 35 HP V-Twin
 Number of Cylinders: Two
 Bore: 85.5 mm
 Stroke: 86.5 mm
 Displacement: 993cc
 Maximum RPM: 3600 RPM
 Horsepower: 35 HP
 Torque: 53 Ft Lbs
 Cooling Medium: Forced Air
 Air Cleaner: Two Stage Dry Type
 Oil Filter: Full Flow Spin On
 Oil Capacity: 2.3 Quarts
 Oil Type: Briggs
 Electrical: 12 Volt
 Gauges: None
 Clutch: Sliding Positive Lock Engagement

Hydraulic System:

Hyd Pump Displcmnt: .329 in cu/rev
 Hyd Pump Drv System: Direct Drive off Engine Mount
 Flow: 5.33 GPM
 System Relief: 2500 PSI
 Oil Tank Capacity: 8 Gallons
 Oil Type: AW32
 Valve: Series Type
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron Return with Suction Strainer

Drive System:

Engine Sheave: 63V5.6
 Disc Sheave: 63V14.0
 Drive Belt: 6 Band 63V750

Bearings:

Disk Bearings: 2-7/16 inches Tapered Roller
 Feed Roller Bearings: 2 inches Ball Bearing
 Disk Shaft: 3 1/2 inches Removable
 Feed Roller Shaft: 2 inches

Frame:

Main Trailer Tongue: 2"x 4" with 1/4" wall
 Main Trailer Frame: 2"x 4" with 1/4" wall
 Engine Mount: Sliding Positive Lock Engagement
 Infeed Chute: 10 Gauge
 Folding Infeed Tray: 3/16" thick
 Folding Tray Lock: 3/8" Spring Loaded Pin
 Discharge Chute: 10 gauge neck with 14 gauge discharge
 Discharge Lock: 3/8" Spring Loaded Pin
 Fuel Tank: 10 gauge with baffles rubber mat
 Hydraulic Tank: 10 gauge with baffles rubber mat
 Battery Box: Marine Battery Box
 Fenders: High Density Polyethylene
 Feeder Bar: 1 1/2" OD x 1/8" wall - removable
 Axle Mounts: 1/2" Plate
 Hitch Plate: 3/8" Plate adjustable 5" Up/Down

Feed System:

Feed Motors: 22.8 in cu Top
 Flow: 5.33 GPM
 Hydraulic Drive: Live - Driven off engine
 Autofeed: Digital Fully Adjustable
 Feed Rate: 80 Feet Per Minute
 Feed Rollers: Top 10 1/2" x 12"
 Springs: Two 15" Tight Wound Powder Coated
 Slide Bearings: Two 1" Flange Mount
 Lift Cylinders: 2 x 10 with 1" attachment
 Discharge: 360 Adjustable Swivel w/Deflector

Chipper Disk:

Wheel Diameter: 30 inches
 Wheel Thickness: 1.5 inches
 Disk Balance: Precision High Speed Balanced
 Wheel Speed: 1440 RPM
 Number of Knives: 2
 Knife Dimensions: 10-3/16" x 4 x 1/2"
 Anvil: 4" x 8-7/8" x 1/2"
 Chip Throwers: Two 3/8"x 4" x 4" x 11" long

Cutline Dimensions:

Throat Opening: 12" x 9"

[Back to 1290 Price Sheet](#)
[Back to Index](#)



1290 54hp Kubota GAS Machine Specifications

General:

Weight: 3200Pounds
 Length: 144 inches
 Height: 89 inches
 Tires: 205/75R15
 Axle: Dexter Torflex 5,200 Pound Cap
 Brakes: Electric Available as Option
 Hitch: Five Inch Height Adjustable 2" Bulldog
 Fuel Capacity: 12 Gallons
 Battery: 291VD 650 CCA
 Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota WG1605
 Number of Cylinders: Four
 Bore Type: Cast Iron Sleeves
 Valves: Overhead
 Bore: 3.11 inches (79 mm)
 Stroke: 3.09 inches (78.4 mm)
 Displacement: 1.537 L
 Compression Ratio: 9.1:1
 Maximum RPM: 3600
 Horsepower: 45-57
 Peak Torque: 89 ft* Lbs @ 2,400 RPM
 Weight: 777 Lbs. (35.3 KG)
 Oil Capacity w/Filter: 6 liters
 Cooling Medium: High Capacity Liquid
 Air Cleaner: Dry Type Canister with Safety Element
 Oil Filter: Spin On
 Lubrication: Full Pressure w/Full Flow Filter
 Electrical: 12 Volt

Hyd Pump Displacement: 685 in cu/rev
 Hyd Pump Drv System: Direct Drive off Engine Mount
 Flow: 4.46 GPM
 System Relief: 2500 PSI
 Oil Tank Capacity: 8 Gallons
 Oil Type: AW32
 Valve: Series Type
 Hose: 16,000 PSI Burst - Ecoseal SAE 100R2
 Oil Filter: 10 Micron Return with Suction Strainer

Drive System:

Engine Sheave: 63V5.6
 Disc Sheave: 63V11.8
 Drive Belt: 63V750

Bearings:

Disk Bearings: 2-7/16 inches Tapered Roller
 Feed Roller Bearings: 2 inches Ball Bearing
 Disk Shaft: 3 1/4 inches Removable
 Feed Roller Shaft: 2 inches

Frame:

Main Trailer Tongue: 2"x 4" with 1/4" wall
 Main Trailer Frame: 2"x6" with 1/4" wall
 Engine Mount: Sliding Positive Lock Engagement
 Infused Chute: 10 Gauge
 Folding Infused Tray: 3/16"thk
 Folding Tray Lock: N" Spring Loaded Pin
 Discharge Chute: 10 gauge neck with 14 gauge discharge
 Discharge Lock: N" Spring Loaded Pin
 Fuel Tank: 10 gauge with baffles rubber mid
 Hydraulic Tank: 10 gauge with baffles rubber mid
 Battery Box: Marine Battery Box
 Fenders: High Density Polyethylene
 Feeder Bar: 1 1/2" OD x 1/8" wall - removable
 Axle Mount: 3/4" Plate
 Hitch Plate: N" Plate adjustable 5" Up/Down

Feed System:

Feed Motor: 22.8 in cu Top
 Flow: 4.46 GPM
 Hydraulic Drive: Live - Driven off engine
 Autofeed: Digital Fully Adjustable
 Feed Rate: 80 Feet Per Minute
 Feed Roller: 10 1/2" x 12"
 Springs: Two 15" Tight Wound Powder Coated
 Slide Bearings: Two 1" Flange Mount
 Lift Cylinders: 2 x 10 with 1" attachment
 Discharge: 360 Adjustable Swivel w/Deflector

Chipper Disk:

Wheel Diameter: 30 inches
 Wheel Thickness: 1.5 inches
 Disk Balance: Precision High Speed Balanced
 Wheel Speed: 1524 RPM
 Number of Knives: 2
 Knife Dimensions: 10-3/16" x 4 x 1/2"
 Anvil: 4" x 8-1/8" x 1/4"
 Chip Throwers: Two 3/8" x 4" x 4" x 11" long

Cutting Dimensions:

Throat Opening: 12" x 9"



1712 84HP Kubot

General:

Weight: 5500 Pounds
Length: 186 inches
Height: 93 inches
Tires: 215/75R17.5 Ld Rng H 4805 Pd @ 125PSI
Axle: Dexter Torflex 7,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3600T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches (110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 84 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 14 Quarts
Oil Type: SAE 10W40 CD Grade or Higher
Electrical: 12 Volt
Gauges: Oil Pres, Water Temp, Amp, Digital Tach
Clutch: Stein

Hydraulic System:

Hyd Pump Displcmmnt: .8 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: 2500 PSI
Oil Tank Capacity: 9 Gallons
Oil Type: AW32
Valve: Energy
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron In Tank Return



1712 99HP Kubota

General:

Weight: 5500 Pounds
Length: 186 inches
Height: 93 inches
Tires: 215/75R17.5 Ld Rng H 4805 Pd @ 125PSI
Axle: Dexter Torflex 7,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches (110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 99 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Electrical: 12 Volt
Crank Shaft Support: Clutch Output
Oil Capacity: 14 Quarts
Oil Type: SAE 10W40 CD Grade or Higher

Hydraulic System:

Hyd Pump Displcmmnt: .8 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: 2500 PSI
Oil Tank Capacity: 9 Gallons
Oil Type: AW32
Valve: Energy
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron In Tank Return



1712 Apache Drum 84HF

General:

Weight: 6920 Pounds
Length: 186 inches
Height: 93 inches
Tires: 215/75R17.5 Ld Rng H 4805 Pd @ 125PSI
Axle: Dexter Spring 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 25 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3600T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches(110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 84 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 14 Quarts
Oil Type: SAE 10W40 CD Grade or Higher
Electrical: 12 Volt
Gauges: Oil Pres, Water Temp, Amp, Digital Tach
Clutch: Stein

Hydraulic System:

Hyd Pump Displcmt: .8 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: 2500 PSI
Oil Tank Capacity: 21 Gallons
Oil Type: AW32
Valve: Energy
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron In Tank Return



1712 Apache Drum 99HI

General:

Weight: 6920 Pounds
Length: 186 inches
Height: 93 inches
Tires: 215/75R17.5 Ld Rng H 4805 Pd @ 125PSI
Axle: Dexter Spring 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 25 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches(110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 99 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 12 Volt
Oil Type: Clutch Output
Electrical: 14 Quarts
Gauges: SAE 10W40 CD Grade or Higher

Hydraulic System:

Hyd Pump Displcmt: .8 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: 2500 PSI
Oil Tank Capacity: 21 Gallons
Oil Type: AW32
Valve: Energy
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron In Tank Return



1790 84HP Kubota

General:

Weight: 5360 Pounds
Length: 186 inches
Height: 93 inches
Tires: 235/85R16 Ld Rng D3200 Pnd Cap @ 65PSI
Axle: Dexter Torflex 7,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 24 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3600T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches (110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 84 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 14 Quarts
Oil Type: SAE 10W40 CD Grade or Higher
Electrical: 12 Volt
Gauges: Oil Pres, Water Temp, Amp, Digital Tach
Clutch: Stein

Hydraulic System:

Hyd Pump Displcmt: Double Pump Two .4 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: Two Independent 2500 PSI
Oil Tank Capacity: 9 Gallons
Oil Type: AW32
Valve: DOS Electric Operated
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



1790 99HP Kubota

General:

Weight: 5360 Pounds
Length: 186 inches
Height: 93 inches
Tires: 235/85R16 Ld Rng D3200 Pnd Cap @ 65PSI
Axle: Dexter Torflex 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 24 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches(110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 99 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 12 Volt
Oil Type: Clutch Output
Electrical: 14 Quarts
Gauges: SAE 10W40 CD Grade or Higher

Hydraulic System:

Hyd Pump Displcmmnt: Double Pump Two .4 Cu in
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 8.8 GPM Total
System Relief: Two Independent 2500 PSI
Oil Tank Capacity: 9 Gallons
Oil Type: AW32
Valve: DO5 Electric Operated
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2012 84HP Kubota Machine

General:

Weight: 7040 Pounds
Length: 186 inches
Height: 100 inches
Tires: 215/75R17.5 Ld Rng H 4805 # @125 PSI
Axle: Dexter Torflex 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota 88 hp diesel V3600TB
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches (110 mm)
Displacement: 202 Cubic Inches (3.3L)
Maximum RPM: 2600 RPM
Horsepower: 84HP
Torque: 208 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: Quarts
Oil Type: Kubota
Electrical: 12 Volt
Gauges: Oil Pres, Water Temp, Amp, Digital Tach
Clutch: Spring Loaded Clutch

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer

Feed System:

Feed Motors:
Flow:
Hydraulic Drive:
Autofeed:
Feed Rate:
Feed Rollers:
Springs:
Slide Bearings:
Lift Cylinders:
Discharge:

Frame:

Main Trailer Tongue:
Main Trailer Frame:
Telescoping Tongue:
Engine Channel Mnts:
Infeed Chute:
Folding Infeed Tray:
Folding Tray Lock:
Discharge Chute:
Discharge Lock:
Fuel Tank:
Hydraulic Tank:
Battery Box:
Fenders:
Feeder Bar:
Radiator Guards:
Light Brackets:
Axle Mounts:
Hitch Plate:

Chipper Disk:

Wheel Diameter:
Wheel Thickness:
Disk Balance:
Wheel Speed:
Number of Knives:
Knife Dimensions:
Anvil:
Chip Throwers:



2012 99HP John Dee

General:

Weight: 7040 Pounds
Length: 186 inches
Height: 100 inches
Tires: 215/75R17.5 Ld Rng H 4805 # @125 PSI
Axle: Dexter Torflex 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer:
Number of Cylinders:
Bore:
Stroke:
Displacement:
Maximum RPM:
Horsepower:
Torque:
Cooling Medium:
Air Cleaner:
Oil Filter:
Oil Capacity:
Oil Type:
Electrical:
Gauges:
Clutch:

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2012 99HP Kubota

General:

Weight: 7040 Pounds
Length: 186 inches
Height: 100 inches
Tires: 215/75R17.5 Ld Rng H 4805 # @125 PSI
Axle: Dexter Torflex 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches (110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 99 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 12 Volt
Oil Type: Clutch Output
Electrical: 14 Quarts
Gauges: SAE 10W40 CD Grade or Higher

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2012 140HP John Deere

General:

Weight: 7700 Pounds
Length: 186 inches
Height: 100 inches
Tires: 215/75R17.5 Ld Rng H 4805 # @125 PSI
Axle: Dexter Torflex 8,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: John Deere
Number of Cylinders: Four
Bore: 4.19 Inches (106 mm)
Stroke: 5.0 Inches (127 mm)
Displacement: 276 Cubic Inches (4.5L)
Maximum RPM: 2400 RPM
Horsepower: 140HP
Torque: 367 Ft Lbs (498 NM)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 13 Quarts
Oil Type: John Deere
Electrical: 12 Volt
Gauges: Powerview
Clutch: Twin Disk 11 1/2" Over Center

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2015 Apache Drum

Machine Specificatio

General:

Weight: 6820 Pounds
Length: 211 inches
Height: 100 inches
Tires: 235/75R17.5 Ld Rng H 4805 # @125 PSI
Axle: Dexter Torflex 10,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 25 Gallons
Battery: 29HVD 950 CCA
Jack Stand: 10000 # Cap Screw Type Swing Up

Engine:

Manufacturer: 140 hp John Deere
Number of Cylinders: Four
Bore: 4.19 Inches (106 mm)
Stroke: 5.0 Inches (127 mm)
Displacement: 276 Cubic Inches (4.5L)
Maximum RPM: 2400 RPM
Horsepower: 140HP
Torque: 367 Ft Lbs (498 NM)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 13 Quarts
Oil Type: John Deere
Electrical: 12 Volt
Gauges: Powerview
Clutch: Twin Disk 11 1/2" Over Center

Hydraulic System:

Hyd Pump Displcmmnt: 1.5 in cu/rev total from 2 pumps
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 16 GPM Total Tandem Systems
System Relief: 2500 PSI
Oil Tank Capacity: 18 Gallons
Oil Type: AW32
Valve: DO5 Electric Solenoid
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer

Frame:

Main Trailer Tongue:
Main Trailer Frame:
Telescoping Tongue:
Engine Channel Mnts:
Infeed Chute:
Infeed Tray:
Folding Tray Lock:
Discharge Chute:
Discharge Lock:
Fuel Tank:
Hydraulic Tank:
Battery Box:
Fenders:
Feeder Bar:
Radiator Guards:
Light Brackets:
Hitch Plate:

Feed System:

Feed Motors:
Flow:
Hydraulic Drive:
Autofeed:
Feed Rate:
Feed Rollers:
Springs:
Feed Pivot Bearings:
Lift Cylinders:
Discharge:

Chipper Drum:

Drum Diameter:
Drum Width w/Fans:
Drum Balance:
Drum Speed:
Number of Knives:
Knife Dimensions:
Anvil:
Drum Fans:

Cutting Dimensions:



2018HD 173HP John D

General:

Weight: 12400 Pounds
 Length: 240 inches
 Height: 108 inches
 Tires: 235/75R17.5 Ld Rng H 6005 # @125 PSI
 Axles: Two Dexter Torflex 9,000 Pound Cap
 Brakes: Electric Both Axles w/Breakaway Switch
 Hitch: Nine Inch Height Adjustable Pintle
 Fuel Capacity: 62 Gallons
 Battery: 950 CCA
 Jack Stand: 10000 # Cap Screw Type

Engine:

Manufacturer: 173 HP John Deere 6068T Turbo Diesel
 Number of Cylinders: Six
 Bore: 4.19 Inches (106 mm)
 Stroke: 5 Inches (127 mm)
 Displacement: 414 Cubic Inches (6.8L)
 Maximum RPM: 2500 RPM
 Horsepower: 173HP
 Torque: 358 Ft Lbs (485 NM)
 Cooling Medium: Liquid Water/Antifreeze Mixture
 Air Cleaner: Two Stage Dry Type
 Oil Filter: Full Flow Spin On
 Oil Capacity: 13 Quarts
 Oil Type: John Deere
 Electrical: 12 Volt
 Gauges: Murphy Power View w/ Shutdowns
 Clutch: Twin Disk 11 1/4" Dual Plate

Hydraulic System:

Hyd Pump Displcmmnt: 2.59 in cu/rev total from 2 pumps
 Hyd Pump Drv System: Direct Drive off Engine Mount
 Flow: 25 GPM Total Tandem Systems
 System Relief: 3000 PSI
 Oil Tank Capacity: 20 Gallons
 Oil Type: AW32
 Valve: Solenoid Operated DOS Valves
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron Return with Suction Strainer
 Hydraulic Cooler: Aluminum with Electric Fan



2512 84HP Kubota

General:

Weight: 7800 Pounds
Length: 186 inches
Height: 100 inches
Tires: 235/75R17.5 Ld Rng H 6005 # @125 PSI
Axle: Dexter Torflex 9,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches(110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 84 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 14 Quarts
Oil Type: SAE 10W40 CD Grade or Higher
Electrical: 12 Volt
Gauges: Oil Pres, Water Temp, Amp, Digital Tach
Clutch: Stein

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2512 99HP John Dee

General:

Weight: 7800 Pounds
Length: 186 inches
Height: 100 inches
Tires: 235/75R17.5 Ld Rng H 6005 # @125 PSI
Axle: Dexter Torflex 9,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer:
Number of Cylinders:
Bore:
Stroke:
Displacement:
Maximum RPM:
Horsepower:
Torque:
Cooling Medium:
Air Cleaner:
Oil Filter:
Oil Capacity:
Oil Type:
Electrical:
Gauges:
Clutch:

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2512 99HP Kubota

General:

Weight: 7800 Pounds
Length: 186 inches
Height: 100 inches
Tires: 235/75R17.5 Ld Rng H 6005 # @125 PSI
Axle: Dexter Torflex 9,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
Number of Cylinders: Four
Bore: 3.86 Inches (98 mm)
Stroke: 4.33 Inches(110 mm)
Displacement: 202.53 Cubic Inches (3.3L)
Maximum RPM: 2800 RPM
Horsepower: 99 HP
Torque: 205 Ft Lbs
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 12 Volt
Oil Type: Clutch Output
Electrical: 14 Quarts
Gauges: SAE 10W40 CD Grade or Higher
Clutch:

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2512 140HP John Dee

General:

Weight: 7800 Pounds
Length: 186 inches
Height: 100 inches
Tires: 235/75R17.5 Ld Rng H 6005 # @125 PSI
Axle: Dexter Torflex 9,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 40 Gallons
Battery: 925 CCA
Jack Stand: 7000 # Cap Screw Type Swing Up

Engine:

Manufacturer: John Deere
Number of Cylinders: Four
Bore: 4.19 Inches (106 mm)
Stroke: 5.0 Inches (127 mm)
Displacement: 276 Cubic Inches (4.5L)
Maximum RPM: 2400 RPM
Horsepower: 140HP
Torque: 367 Ft Lbs (498 NM)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 13 Quarts
Oil Type: John Deere
Electrical: 12 Volt
Gauges: Powerview
Clutch: Twin Disk 11 1/2" Over Center

Hydraulic System:

Hyd Pump Displcmmnt: .87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: Variable Pressure Compensated
System Relief: 2500 PSI
Oil Tank Capacity: 13 Gallons
Oil Type: AW32
Valve: Series Type
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2518 Apache Drum 140HP J

General:

Weight: 10000 Pounds
Length: 211 inches
Height: 114 inches
Tires: 245/70R17.5 Ld Rng J 6005 # @125 PSI
Axle: Dexter Sping 12,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 35 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 10000 # Cap Screw Type Swing Up

Engine:

Manufacturer: 140 hp John Deere
Number of Cylinders: Four
Bore: 4.19 Inches (106 mm)
Stroke: 5.0 Inches (127 mm)
Displacement: 276 Cubic Inches (4.5L)
Maximum RPM: 2400 RPM
Horsepower: 140HP
Torque: 367 Ft Lbs (498 NM)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 13 Quarts
Oil Type: John Deere
Electrical: 12 Volt
Gauges: Powerview
Clutch: Twin Disk 11 1/2" Over Center

Hydraulic System:

Hyd Pump Displcmmnt: 1.5 in cu/rev total from 2 pumps
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 16 GPM Total Tandem Systems
System Relief: 2500 PSI
Oil Tank Capacity: 18 Gallons
Oil Type: AW32
Valve: DO5 Electric Solenoid
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer



2518 Apache Drum 173HP John Deere Ma

General:

Weight: 10000 Pounds
Length: 211 inches
Height: 114 inches
Tires: 245/70R17.5 Ld Rng J 6005 # @125 PSI
Axle: Dexter Spring 12,000 Pound Cap
Brakes: Electric with Breakaway Switch
Hitch: Five Inch Height Adjustable Pintle
Fuel Capacity: 35 Gallons
Battery: 29HVD 650 CCA
Jack Stand: 10000 # Cap Screw Type Swing Up

Engine:

Manufacturer: 173 HP John Deere 6068T Turbo Diesel
Number of Cylinders: Six
Bore: 4.19 Inches (106 mm)
Stroke: 5 Inches(127 mm)
Displacement: 414 Cubic Inches (6.8L)
Maximum RPM: 2500 RPM
Horsepower: 173HP
Torque: 358 Ft Lbs (485 NM)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type
Oil Filter: Full Flow Spin On
Oil Capacity: 13 Quarts
Oil Type: John Deere
Electrical: 12 Volt
Gauges: Murphy Power View w/ Shutdowns
Clutch: Twin Disk 11 1/2" Dual Plate

Hydraulic System:

Hyd Pump Displcmmnt: 1.5 in cu/rev total from 2 pumps
Hyd Pump Drv System: Direct Drive off Engine Mount
Flow: 16 GPM Total Tandem Systems
System Relief: 2500 PSI
Oil Tank Capacity: 18 Gallons
Oil Type: AW32
Valve: DO5 Electric Solenoid
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron Return with Suction Strainer

Frame:

Main Trailer Tongue:
Main Trailer Frame:
Telescoping Tongue:
Engine Channel Mnts:
Infeed Chute:
Infeed Tray:
Folding Tray Lock:
Discharge Chute:
Discharge Lock:
Fuel Tank:
Hydraulic Tank:
Battery Box:
Fenders:
Feeder Bar:
Radiator Guards:
Light Brackets:
Hitch Plate:

Feed System:

Feed Motors:
Flow:
Hydraulic Drive:
Autofeed:
Feed Rate:
Feed Rollers:
Springs:
Feed Pivot Bearings:
Lift Cylinders:
Discharge:

Chopper Drum:

Drum Diameter:
Drum Width w/Fans:
Drum Balance:
Drum Speed:
Number of Knives:
Knife Dimensions:
Anvil:
Drum Fans:



7015 66HP Kubota Machine Specifications

General:

Weight: 4020 Pounds
Length: 10' 6"
Height: 52 inches
Width: 35 inches w/o duals 52 inches with duals
Tires: 23 X 8.50-12
Tire Pressure: 50 Pounds
Controls: Side Mounted Levers-Optional Remote
Brakes: Auto Applied
Fuel Capacity: 9.6 Gallons
Fuel Gauge: Optional
Battery: 575 CCA
Cutter Wheel Diameter: 26.5 inches with Teeth
Cutter Wheel Thickness: 1 inch

Engine:

Manufacturer: Kubota V2607
Number of Cylinders: Four
Bore: 87 mm
Stroke: 110 mm
Displacement: 2.615Liters (159.6 Cubic Inches)
Maximum RPM: 2700 RPM
Horsepower: 66HP
Torque: 162 Ft Lbs @ 1600 RPM
Cooling Medium: Liquid Cooled
Air Cleaner: Two Stage Dry Type with Service Indicator
Oil Filter: Full Flow Spin On
Electrical: 12 Volt
Crank Shaft Support: 1 3/4 Inch Outboard Bearing Hayes Drive

Hydraulic System:

Hyd Pump Displacement: .499 in Cu/Rev
Hyd Pump Drive System: Direct Drive off Engine Mount
Flow: 6 GPM
System Relief: 2750 PSI
Oil Tank Capacity: 6 Gallons
Oil Type: AW32
Valve: Series Type with Fine Metering
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron
Swing Cylinders: Two 3 x 4
Lift Cylinder: 3" x 12"
Steering Cylinder: 2" X 4"

Drive System:

Engine Sheave: 4B5.4
Jackshaft Sheave: 4B12.4
Drive Belt: 14M-2100-68
Jackshaft Sprocket: 14M-28S-68
Cutter Head Sprocket: 14M-40S-68
Jackshaft: 1 11/16"
Cutter Head Shaft : 2 Inch
Engine Engagement: Positive Lock Belt Engagement
Belt & Chain Shields: Metal Bolt On

Bearings:

Jackshaft Bearings: 1 11/16" Tapered Roller
Boom Bearings: 2 15/16" Tapered Roller
Cutter Head Bearings: 2" Tapered Roller
Swing Bearings: Kaydon Table Bearing

Cutter Wheel:

Wheel Diameter: 26.5 inches
Wheel Thickness: 1 inch Blanchard Ground
Number of Teeth: 48 Carbide Tipped Sandvik
Wheel Type: Razor
Chip Guards: Rubber and Metal
Chain Oiler: Not Required with PolyChain Drive System

Frame:

Tongue: 4" x 4" x 3/8" Wall
Boom Box: 1/2" Fabricated Plate
Pivot Plate: Two 1" Plate
Supports: Gussets used Throughout

Cutting Dimensions:

Below Ground: 15 Inches
Above Ground: 43 Inches
Cutting Width: 70 Inches

[Return to SP7015 Price Sheet](#)
[Return to Index](#)



7015 74HP Kohler Machine S

General:

Weight: 4160 Pounds
Length: 10' 6"
Height: 67 inches
Width: 35 inches w/o duals 52 inches with duals
Tires: 23 X 8.50-12
Tire Pressure: 50 Pounds
Controls: Side Mounted Levers-Optional Remote
Brakes: Auto Applied
Fuel Capacity: 9.6 Gallons
Fuel Gauge: Optional
Battery: 575 CCA
Cutter Wheel Diameter: 26.5 Inches with Teeth
Cutter Wheel Thickness: 1 Inch

Engine:

Manufacturer: Kohler KDI 2504 TCR Turbo Diesel
Number of Cylinders: Four
Bore: 88 mm
Stroke: 102 mm
Displacement: 2.5 Liters (155.125 Cubic Inches)
Maximum RPM: 2600 RPM
Horsepower: 74 HP
Torque: 222 Ft Lbs @ 1400 RPM
Cooling Medium: Liquid Cooled
Air Cleaner: Two Stage Dry Type with Service Indicator
Oil Filter: Full Flow Spin On
Electrical: 12 Volt

Hydraulic System:

Hyd Pump Displacement: .499 in Cu/Rev
Hyd Pump Drive System: Direct Drive off Engine Mount
Flow: 6 GPM
System Relief: 2750 PSI
Oil Tank Capacity: 6 Gallons
Oil Type: AW32
Valve: Series Type with Fine Metering
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron
Swing Cylinders: Two 3 x 4
Lift Cylinder: 3" x 12"
Steering Cylinder: 2" X 4"

Drive System:

Engine Sheave:
Jackshaft Sheave:
Drive Belt:
Jackshaft Sprocket:
Cutter Head Sprocket:
Jackshaft:
Cutter Head Shaft :
Engine Engagement:
Belt & Chain Shields:

Bearings:

Jackshaft Bearings:
Boom Bearings:
Cutter Head Bearings:
Swing Bearings:

Cutter Wheel:

Wheel Diameter:
Wheel Thickness:
Number of Teeth:
Wheel Type:
Chip Guards:
Chain Oiler:

Frame:

Tongue:
Boom Box:
Pivot Plate:
Supports:

Cutting Dimensions:

Below Ground:
Above Ground:
Cutting Width:



7015TRX 74HP Kohler Ma

General:

Weight: 5820 Pounds
 Length: 125 inches
 Height: 67 inches
 Track Width Retracted: 35 inches
 Track Width Extended: 48 inches
 Controls: Wireless Remote
 Fuel Capacity: 9.6 Gallons
 Battery: 900 CCA
 Track Footprint: 9 ½ inches

Engine:

Manufacturer: Kohler 2504 TCR Turbo Diesel
 Number of Cylinders: Four
 Bore: 88 mm
 Stroke: 102 mm
 Displacement: 2.5 Liters (155.125 Cubic Inches)
 Maximum RPM: 2600 RPM
 Horsepower: 74 HP
 Torque: 222 Ft Lbs @ 1400 RPM
 Cooling Medium: Liquid Cooled
 Air Cleaner: Two Stage Dry Type with Service Indicator
 Oil Filter: Full Flow Spin On
 Electrical: 12 Volt

Hydraulic System:

Hyd Pump Displcmnt: Dual Displacement Pump
 Hyd Pump Drv System: Direct Drive off Engine Mount
 Flow: Variable
 System Relief: 2750 PSI
 Oil Tank Capacity: 9 Gallons
 Oil Type: AW32
 Valve: Manifold Block Solenoid Operated
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron
 Swing Cylinders: Two 3 x 4
 Lift Cylinder: 3" x 12"
 Track Extension: Two
 Oil Cooler: 190 Sq inches w/ Electric Fan

[Back to SP7015TRX Price Sheet](#)



7500 78HP Deut

General:

Weight: 4400 pounds
Length: 170 Inches
Height: 84 Inches
Width: 80 Inches
Tongue Extension: 60 Inches
Tires: 245/75/16 Ld Rng D 3000
Tire Pressure: 65 PSI
Controls: Swing Out – Optional Remote
Brakes: Electric or Optional Surge
Fenders: Bolt on 1/4 inch plate
Fuel Capacity: 40 Gallons
Battery: 800 CCA Encased in Marine Battery Box
Curb Clearance: 15 1/5 Inches
Cutter Wheel Diameter: 31 Inches with Teeth
Cutter Wheel Thickness: 1 1/4 inches
Cutter Wheel RPM: 759 RPM Nominal
Jack Stand: Screw type with swing up wheel
Hitch: Bulldog Ball Hitch or Pintle Ring

Engine:

Manufacturer: Deutz BF4L2011 4 Stroke Turbo-Charge Diesel Direct Injection
Number of Cylinders: Four
Bore: 3.7 Inches
Stroke: 4.4 Inches
Displacement: 3.11 Liters (189.7 Cubic Inches)
Maximum RPM: 2800
Horsepower: 78
Torque: 170 Ft Lbs @ 1550 RPM
Cooling Medium: Air/Oil
Air Cleaner: Two Stage Dry Type with Service
Oil Filter: Full flow
Electrical: 12 Volt
Crank Shaft Support: 2 Inch Outboard Bearing Hayes Drive

Hydraulic System:

Hyd Pump Displacement: .589 Cubic Inches/Revolution
Hyd Pump Drive System: Direct Drive
Flow: 7 Gallons per Minute
System Relief: 1850 PSI



8018TRX 99HP Kubota Cat Tracks Machine Specifications

General:

Weight: 7260 Pounds
 Length: 162 inches
 Height: 74 inches
 Width: 60 inches
 Controls: Wireless Remote w/ Tether Back Up
 Fuel Capacity: 16 Gallons
 Battery: 800 CCA
 Track Length: 87.5 inches
 Track Footprint: 12 inches

Engine:

Manufacturer: Kubota Turbo Charged Diesel V3300T
 Number of Cylinders: Four
 Bore: 3.85 inches (98 mm)
 Stroke: 4.33 inches (110 mm)
 Displacement: 202.53 Cubic Inches (3.3L)
 Maximum RPM: 2800 RPM
 Horsepower: 99 HP
 Torque: 205 Ft Lbs
 Cooling Medium: Liquid Water/Antifreeze Mixture
 Air Cleaner: Two Stage Dry Type
 Oil Filter: Full Flow Spin On
 Electrical: 12 Volt
 Crank Shaft Support: Clutch Output
 Oil Capacity: 14 Quarts
 Oil Type: SAE 10W40 CD Grade or Higher

Hydraulic System:

Hyd Pump Displcmnt: Dual Displacement Pump
 Hyd Pump Drv Systm: Direct Drive off Engine Mount
 Flow: Variable
 System Relief: 2750 PSI
 Oil Tank Capacity: 18 Gallons
 Oil Type: AW32
 Valve: Manifold Block Solenoid Operated
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron
 Swing Cylinders: Two 3 x 4
 Lift Cylinder: 3" x 12"
 Oil Cooler: 190 Sq inches w/ Electric Fan

Drive System:

Engine Sheave: 685.4
 Jackshaft Sheave: 6813.6
 Drive Belt: 68105
 Jackshaft Sprocket: 14M-298-125
 Cutter Head Sprcktt: 14M-408-125
 Drive Belt: 14M-2660-125
 Jackshaft: 2 7/16"
 Cutter Head Shaft: 2 1/2 Turned to 2 3/16 @ Bearing
 Engine Engagement: Over Center Clutch
 Belt & Chain Shlds: Metal Bolt On

Bearings:

Jackshaft Bearings: 2 3/16" Tapered Roller
 Boom Bearings: 3 1/2" Tapered Roller
 Cutter Head Bearings: 2 3/16" Tapered Roller
 Swing Bearings: 20 Inch Kaydon Table Bearing Rated at 102,100 ft lbs.

Frame:

Frame Tube: 4" x 8" with 1/2 inch wall
 Boom Tube: 5" x 5" with 5/16 inch wall
 Boom Box: 14" Fabricated Plate
 Swing Bearing Plate: 3/4" Plate
 Turntable Plate: 1" Plate
 Bearing Supports: 1 1/2" Plate

Cutter Wheel:

Wheel Diameter: 31 inches with Teeth
 Wheel Thickness: 1 1/2 inch Blanchard Ground for Balance
 Wheel Speed: 759 RPM Nominal
 Number of Teeth: 76 Carbide Tipped Sandvik
 Wheel Type: Razor
 Chip Guards: Rubber
 Chain Oiler: Not needed with Polychain Drive System

Cutting Dimensions:

Below Ground: 18 inches
 Above Ground: 43 inches
 Width: 80 Inch Arc

[Back to 8018TRX Price Sheet](#)
[Back to Index](#)



8018TRX 78HP Deutz M:

General:

Weight: 5420 Pounds
 Length: 135 Inches
 Height: 54 inches
 Width: 50 inches
 Controls: Wireless Remote w/ Tether Back Up
 Fuel Capacity: 9.6 Gallons
 Battery: 800 CCA
 Track Length: 75 inches
 Track Footprint: 9 3/4 inches

Engine:

Manufacturer: Deutz F4L2011 4 Strk Dsl Direct Injection
 Number of Cylinders: Four
 Bore: 3.6 Inches
 Stroke: 4.1 Inches
 Displacement: 167 Cubic Inches
 Maximum RPM: 2800 RPM
 Horsepower: 78 HP
 Torque: 142.3 Ft Lbs @ 1600 RPM
 Cooling Medium: Air / Oil
 Air Cleaner: Two Stage Dry Type with Service Indicator
 Oil Filter: Full Flow Spin On
 Electrical: 12 Volt
 Crank Shaft Support: Clutch Output

Hydraulic System:

Hyd Pump Displacement: Dual Displacement Pump
 Hyd Pump Drive System: Direct Drive off Engine Mount
 Flow: Variable
 System Relief: 2750 PSI
 Oil Tank Capacity: 9 Gallons
 Oil Type: AW32
 Valve: Manifold Block Solenoid Operated
 Hose: 16,000 PSI Burst - Exceeds SAE 100R2
 Oil Filter: 10 Micron
 Swing Cylinders: Two 3 x 4
 Lift Cylinder: 3" x 12"
 Oil Cooler: 190 Sq inches w/ Electric Fan



Hurricane RS

Macl

General:

Weight:	7,500 Pounds
Hitch Weight:	500 Pounds
Length:	198 Inches
Height:	84 Inches
Width:	94 Inches
Jack Stand:	7000 Pound Screw Type/Swing Up
Hitch:	Bulldog Ball Hitch or Pintle Ring
Axle:	Dexter #13G 10,000 Pound Capacity Torstion Flex Oil Bath
Tires:	1200 x 16.5 – F rated 8 Ply 4,045 Capacity
Tire Pressure:	75 PSI Cold
Brakes:	Electric with Breakaway Switch
Fenders:	Bolt on 1/4 inch plate
Suspension:	Torsion Flex System
Fuel Capacity:	25 Gallons
Battery:	800 CCA Encased in Marine Battery Box
Curb Clearance:	18 Inches

Engine:

Manufacturer:	Catepillar Turbo Diesel 3054TA
Number of Cylinders:	Four
Fuel Delivery:	Direct Injection
Bore:	3.94 Inches (100 mm)
Stroke:	5.0 Inches (127 mm)
Displacement:	243.5 Cubic Inches (4.0L)
Weight:	627 Pounds (285 kg)
Maximum RPM:	2400
Horsepower:	125 hp (93 kW)
Torque:	317 Ft Lbs Minimum (430 Nm)
Oil Capacity w/Filter:	13 Quarts
Oil Type:	Caterpillar
Cooling Medium:	Liquid Water/Antifreeze Mixture
Air Cleaner:	Two Stage Dry Type with Service Indicator
Oil Filter:	Full Flow
Lubrication:	Full Pressure w/Full Flow Filter
Electrical:	12 Volt

Hydraulic System:

Hyd Pump Displacement:	.589 Cubic Inches/Revolution
Hyd Pump Drive System:	Direct Drive
Flow:	7 Gallons Per Minute



Hurricane TRX 170HP John Deere Mac

General:

Weight: 12000 Pounds
Length: 185 Inches
Height: 82 inches
Width: 78 inches
Controls: Wireless Remote w/ Tether Back Up
Fuel Capacity: 25 Gallons
Battery: 800 CCA
Track Length: 97 inches
Track Footprint: 16 inches
Wireless Remote: Full Proportional Control

Engine:

Manufacturer: John Deere 4045T Turbo Diesel
Number of Cylinders: Four
Bore: 4.19 Inches (106mm)
Stroke: 5.0 Inches (127mm)
Displacement: 276 Cubic Inches (4.5L)
Maximum RPM: 2400 RPM
Horsepower: 125 HP (93KW)
Torque: 328 Ft Lbs (445Nm)
Cooling Medium: Liquid Water/Antifreeze Mixture
Air Cleaner: Two Stage Dry Type with Service Indicator
Oil Filter: Full Flow Spin On
Electrical: 12 Volt
Crank Shaft Support: Clutch Output
Gauges: Oil Pressure, Water Temp, Ampmeter, Tach

Hydraulic System:

Hyd Pump Displcmt: Variable Displacement Pressure Comp
Hyd Pump Drv Systm: Direct Drive off Engine Mount
Flow: Variable
System Relief: 2750 PSI
Oil Tank Capacity: 35Gallons
Oil Type: AW32
Valve: Proportional Solenoid Operated
Hose: 16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter: 10 Micron High Capacity Return
Lift Cylinder: 4" x 16" with 1 1/4" Rod
Blade Cylinder: 4" x 8" with 1 1/4" Rod
Swing Motor: Continuous Rotation w/Brake Lock

Drive System:

Engine Sheave:
Jackshaft Sheave:
Drive Belt:
Jackshaft Sprocket:
Cutter Head Sprckl:
Drive Belt:
Jackshaft :
Cutter Head Shaft:
Engine Engagement:
Belt & Chain Shlds:

Bearings:

Jackshaft Bearings:
Boom Bearings:
Cutter Head Bearings:
Swing Bearings:

Frame:

Frame Tube:
Boom Tube:
Boom Box:
Bearing Supports:
Turntable Plate:
Turntable Frame:
Inner Frame:
Brush Guard:
Perforated Guard:

Cutter Wheel:

Wheel Diameter:
Wheel Thickness:
Number of Teeth:
Chip Guards:

Cutting Dimensions:

Below Ground:
Above Ground:
Cutting Width:



SP2000

Machine Specificatio

General:

Weight: 695 Pounds
Length: 80 Inches
Height: 54 Inches
Width: 29 Inches
Tires: 6 x 12
Controls: Handle Bar Mounted
Fuel Capacity: 5 Gallons
Battery: 575 CCA
Tire Pressure: 50 PSI

Engine:

Manufacturer: Kohler Model CH740
Number of Cylinders: Two
Bore: 3.27 Inches (83 mm)
Stroke: 2.64 Inches (67 mm)
Displacement: 44 Cubic Inches (725 cc)
Maximum RPM: 3600
Horsepower: 27
Peak Torque: 42.7 ft*Lbs @ 3,000 PRM
Cooling Medium: Air
Air Cleaner: Dry Type Canister with Safety Element
Oil Filter: Spin On
Electrical: 12 Volt

Drive System:

Engine Sheave: Ogura Electric Clutch
Cutter Head Sheave: 2B56
Drive Belt: Two A 100
Engine Engagement: Electric Clutch
Belt Shields: Metal Bolt On

Bearings:

Cutter Head Bearings: 1 7/16 Inch Tapered Roller
Cutter Head Shaft: 1 7/16 Inch

Cutter Wheel:

Wheel Diameter: 19 Inches
Wheel Thickness: 1 1/4 Inch
Number of Teeth: 30 Carbide Ti
Chip Guards: Rubber

Cutting Dimensions:

Below Ground: 24 Inches
Above Ground: 27 Inches

[Return to SP2000 Price Sheet](#)
[Return to Index](#)



SP5014 35HP Vanguard Machii

General:

Weight: 1650 Pounds
Length: 103 Inches
Height: 56 Inches
Width: 35 Inches
Tongue Extension: 30 Inches
Tires: 5.70 - 8 Drive Tires
Tire Pressure: 50 PSI
Controls: Side Mounted – Optional Remote
Brakes: Ground Speed Controlled by Hydraulics
Fenders: Bolt on 1/4 inch plate
Fuel Capacity: 10.3 Gallons
Battery: 650 Cold Cranking Amps
Curb Clearance: 13 Inches
Cutter Wheel Diameter: 21 Inches with Teeth
Cutter Wheel Thickness: 1 Inch - Blanchard Ground
Cutter Wheel RPM: 1350 Nominal

Engine:

Manufacturer: Vanguard Series 540000 V-Twin
Number of Cylinders: Two
Bore Type: Cast Iron Sleeve
Valves: Overhead
Bore: 3.4 Inches (85.5 mm)
Stroke: 3.4 Inches (85.5 mm)
Displacement: 60 Cubic Inches (993 cc)
Compression Ratio: 8.25:1
Maximum RPM: 3600
Horsepower: 35
Peak Torque: 52 Ft* Lbs @ 2,400 RPM
Weight: 125 Lbs. (56.8 KG)
Oil Capacity w/Filter: 77.8 oz
Cooling Medium: Air
Air Cleaner: Dry Type Canister with Safety Element
Oil Filter: Spin On
Lubrication: Full Pressure w/Full Flow Filter
Electrical: 12 Volt

Hydraulic System:

Hyd Pump Displacement: 267 cu in (4.3 cc)
Hyd Pump Drive System: Direct Drive Coupling



SP5014 54HP Kubota Gas Machine Specifications

General

Weight: 3446 Pounds
Length: 183 inches
Height: 57 inches
Width: 35 inches
Tires: 5.70 - 8 Drive Tire
Tire Pressure: 50 PSI
Controls: Side Mounted - Optional Remote
Brakes: Ground Speed Controlled by Hydraulics
Pedals: Bolt on 3/4 inch plate
Fuel Capacity: 18.3 Gallons
Battery: 650 Cold Cranking Amps
Clearance: 13 inches
Cutter Wheel Diameter: 21 inches with Teeth
Cutter Wheel Thickness: 1 inch - Standard Ground
Cutter Wheel RPM: 1350 Nominal

Engine

Manufacturer: Kubota WG1605
Number of Cylinders: Four
Bore Type: Cast Iron Sleeve
Valves: Overhead
Bore: 3.11 inches (79 mm)
Stroke: 3.09 inches (78.4 mm)
Displacement: 1.537 L
Compression Ratio: 9.1:1
Maximum RPM: 2600
Response: 54
Peak Torque: 89 Ft Lbs @ 2,400 RPM
Weight: 553 Lbs. (250.8 KG)
Oil Capacity w/Filter: 6 Gallons
Cooling Medium: High Capacity Liquid
Air Cleaner: Dry Type Canister with Safety Element
Oil Filter: Spin-On
Lubrication: Full Pressure w/Fuel Flow Filter
Electrical: 12 Volt

Hydraulic System

Hyd Pump Displacement: 367 cc in (4.3 cu)
Hyd Pump Drive System: Direct Drive Coupling
Flow: 4.06 GPM
System Relief: 1850 PSI
Oil Tank Capacity: 3.6 Gallons
Oil Type: AW 46
Valves: Solenoid Type with Fine Metering
Check Valves: Cartridge Counterbalance Valves in L/R, Swing, and Drive Circuits
Lines: Steel Braided 16,000 PSI Rated - Exceeds SAE 100R2
Oil Filter: 18 Micron Full Flow
Swing Cylinders: 2" X 4" with 1" Rod and Replaceable Rod with Captured Pin
Tongue Cylinders: 2 1/2" X 30" with 1 3/8" Rod and Replaceable Rod with Captured Pin
Lift Cylinders: 3" X 12" with 1 3/8" Rod and Replaceable Rod with Captured Pin
Steering Cylinders: 2" X 4" with 1" Rod and Replaceable Rod with Captured Pin
Cylinder Attachments: 1" Plate with Reinforced Knock in Crown Beakings

Drive System

Engine Speed: 6705.3
Jackshaft Speed: 67014.0
Drive Belt: 0400142A
Jackshaft Sprocket: 86-465-02 Gears PolyChain
Cutter Head Sprocket: 86-465-02 Gears PolyChain
Drive Belt: 86-1200-02 Gears PolyChain
Jackshaft: 1 1/16 inch
Cutter Head Shaft: 1 1/16 inch
Engine Engagement: 554kg Engine Carriage
Belt and Chain Shields: Metal Bolt On

Bearings

Jackshaft Bearings: 1 1/16 inch Tapered Roller Bearings
Cutter Head Bearings: 1 1/16 inch Tapered Roller Bearings
Swing Bearings: Adjustable Tapered Roller Bearings
Axle Bearings: None - Two Speed Drive Motors Coupled Direct to Wheels

Frames

Tongue: 2" X 2" X 3/16" wall Mechanical Tubing
Inner Tongue: 2 1/2" X 2 1/2" X 1/4" wall Mechanical Tubing
Beams: 4 1/2" X 4 1/2" X 1/4" wall Mechanical Tubing
Beam Box: 1/4" Plate
Pinot Plate: 1/2"
Axle: None - Two Speed Drive Motors Coupled Direct to Wheels
Supports: Gaskets used Throughout
Fenders: 1/4" Plate Bolt On

Cutter Wheel

Wheel Diameter: 21 inches with Teeth
Wheel Thickness: 1 1/4 inch
Wheel Speed: 1350 RPM - Nominal
Number of Teeth: 26 Carbide Tipped Inserts
Wheel Type: Sashitl-Down Disk II
Chip Guards: Rubber and Metal
Chain Other: Not Needed with PolyChain Drive System

Cutter Dimensions

Below Ground: 14 inches
Above Ground: 36 inches
Width of Cut: 50 inch Arc

Ground Drive System

Hydraulic Drive Motor: Two Individual Hydraulic Wheel Motors
Wheel Hub: Tapered Shaft 5 Lug
Axle: Not needed with Drive Motors
Drive Chain: Not needed with Drive Motors
Axle Bearings: Integral in Drive Motors-Run in Hydraulic oil Bath
Drive Speed Control: Two speed with infinitely Variable Low speed in low gear
Ground Speed: 3.5 MPH in High Gear

[Return to SP5014 Drive Sheet](#)
[Return to Index](#)



SP5014TRX 35HP Vanguard M:

General:

Weight: 2215 Pounds
Length: 103 Inches
Height: 56 Inches
Width: 35 Inches
Track type: Rubber track
Track Foot Print: 7"
Track Ground Pressure: 4 PSI
Track Length: 42-1/2"
Controls: Side Mounted – Optional Remote
Brakes: Ground Speed Controlled by Hydraulics
Fenders: Bolt on 1/4 inch plate
Fuel Capacity: 10.3 Gallons
Battery: 650 Cold Cranking Amps
Curb Clearance: 13 Inches
Cutter Wheel Diameter: 21 Inches with Teeth
Cutter Wheel Thickness: 1 Inch - Blanchard Ground
Cutter Wheel RPM: 1350 Nominal

Engine:

Manufacturer: Vanguard Series 540000 V-Twin
Number of Cylinders: Two
Bore Type: Cast Iron Sleeve
Valves: Overhead
Bore: 3.4 Inches (85.5 mm)
Stroke: 3.4 Inches (85.5 mm)
Displacement: 60 Cubic Inches (993 cc)
Maximum RPM: 8.25:1
Horsepower: 3600
Peak Torque: 35
Weight: 52 Ft* Lbs @ 2,400 RPM
Oil Capacity w/Filter: 125 Lbs. (56.8 KG)
Cooling Medium: 77.8 oz
Air Cleaner: Air
Oil Filter: Dry Type Canister with Safety Element
Lubrication: Spin On
Electrical: Full Pressure w/Full Flow Filter
 12 Volt

Hydraulic System:

Hyd Pump Displacement: .267 cu in (4.3 cc)
Hyd Pump Drive System: Direct Drive Coupling

Drive System:

Engine Sheave:
Jackshaft Sheave:
Drive Belt:
Jackshaft Sprocket:
Cutter Head Sprocket:
Drive Belt:
Jackshaft :
Cutter Head Shaft:
Engine Engagement:
Belt and Chain Shields:

Bearings:

Jackshaft Bearings:
Cutter Head Bearings:
Swing Bearings:

Frame:

Tongue:
Boom:
Boom Box:
Pivot Plate:
Axle:
Supports:

Cutter Wheel:

Wheel Diameter:
Wheel Thickness:
Wheel Speed:
Number of Teeth:
Wheel Type:
Chip Guards:

Cutting Dimensions:

Below Ground:
Above Ground:
Width of Cut: