

## FRONTIER PRODUCTS

### Tillage

## RC2210 - 121 In. Medium Duty Row Crop Tiller Equipment for Base Machine

Working Width:  
121 In. (3,073.4 mm)  
Tractor PTO Speed: 1000 RPM  
Tractor PTO HP (Minimum): 100 HP  
Tractor PTO HP (Maximum): 170 HP  
Blade Shape: L  
Skid Shoes: Adjustable  
Side Drive: Gear  
Rear Door Support:  
Metal Rod with Double Spring  
Parking Stand Included  
Gearbox Speed: 2 + 2 Speed  
Rotor Speed:  
181-246-300 RPM  
Rotor Flanges: 11

Blades/Rotor: 6  
Working Depth (Maximum):  
11 In. (279.4 mm)  
Driveline Protection: Friction Clutch  
Tillage Depth Control: Skid Shoes  
Hitch:  
Category II and Category III Narrow,  
Quick Hitch Compatible

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

1691XF		RC2210 - 121 In. Medium Duty Row Crop Tiller	17,504.00
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### DEPTH CONTROL SYSTEM

4500		Skid Shoe (RC2210)	In Base Price
4510		Cage Roller Manual Control (RC2210)	2,905.00
4520		Cage Roller Hydraulic Control (RC2210)	3,134.00

### DEPTH CONTROL SYSTEM

8000		Right Disc <i>For RT22, RT23, RC13, and RC22 Series.</i>	774.00
8010		Left Disc <i>For RT22, RT23, RC13, and RC22 Series.</i>	774.00

### MISCELLANEOUS

9400		Flange Reinforcement Kit <i>For RC2210.</i>	959.00
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### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5MH99530575	Flange Reinforcement Kit (RC2210)	860.80
MHF20020453	French Kit - Includes Operators Manual, Parts Catalog, and Safety Decals (RC22 Series)	30.84
5MH99500264	Left Disc (RT22, RT23, RC22 Series and Also RT1310R)	1,094.08
5MH99500263	Right Disc (RT22, RT23, RC22 Series and Also RT1310R)	1,094.08

**FRONTIER PRODUCTS**

**Tillage**

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**RC2210 - 121 In. Medium Duty Row Crop Tiller**

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## FRONTIER PRODUCTS

### Tillage

#### DH1048 - 4 Ft. Disk Harrow with 12 Blades on 7.5 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I  
 Working Width: 48 In.  
 Blade Spacing: 7.5 In.  
 Tractor HP (Max): 28 HP  
 Shipping Weight: 452 lbs.  
 Approximate Operating Weight: 388 lbs.  
 Number of Blades: 12  
 Blade Size: 16 In. Diameter  
 Blade Thickness: 3 mm (0.118 In.)  
 Front Gang Blade Type: Notched  
 Rear Gang Blade Type: Notched  
 Frame Tubing: 2 In. Square  
 Gang Tubing: 2 In. Square  
 Bearing Hanger:

3/8 In. Formed Plate with 1/2 In. U-bolt  
 Bearing Type:  
 Self Aligning Sealed Ball Bearing  
 in Pre-Riveted Flange  
 Gang Axle: 1 In. Square  
 Front Gang Angles: 2, 6, 12, 18 Degrees  
 Rear Gang Angles: 10, 14, 18, 23 Degrees  
 Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3311XF		DH1048 - 4 Ft. Disk Harrow with 12 Blades on 7.5 In. Spacing	1,625.00
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**FRONTIER PRODUCTS**

Tillage

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**DH1048 - 4 Ft. Disk Harrow with 12 Blades on 7.5 In. Spacing**

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# FRONTIER PRODUCTS

## Tillage

### DH1066 - 5 Ft. 6 In. Disk Harrow with 16 Blades on 7.5 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I  
 Working Width: 66 In.  
 Blade Spacing: 7.5 In.  
 Tractor HP (Maximum): 28 HP  
 Shipping Weight: 540 lbs.  
 Approximate Operating Weight: 445 lbs.  
 Number of Blades: 16  
 Blade Size: 16 In. Diameter  
 Blade Thickness: 3 mm (0.118 In.)  
 Front Gang Blade Type: Notched  
 Rear Gang Blade Type: Notched  
 Frame Tubing: 2 In. Square  
 Gang Tubing: 2 In. Square  
 Bearing Hanger:

3/8 In. Formed Plate with 1/2 In. U-bolt  
 Bearing Type:  
 Self Aligning Sealed Ball Bearing  
 in Pre-Riveted Flange  
 Gang Axle: 1 In. Square  
 Front Gang Angles: 2, 6, 12, 18 Degrees  
 Rear Gang Angles: 10, 14, 18, 23 Degrees  
 Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3312XF		DH1066 - 5 Ft. 6 In. Disk Harrow with 16 Blades on 7.5 In. Spacing	1,797.00
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**FRONTIER PRODUCTS**

Tillage

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**DH1066 - 5 Ft. 6 In. Disk Harrow with 16 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1166 - 5 Ft. 6 In. 3-Point Disk Harrow with 16 Blades on 7.5 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 66 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 45 HP  
Shipping Weight: 755 lbs.  
Approximate Operating Weight: 660 lbs.  
Number of Blades: 16  
Blade Size: 18 In. Diameter  
Blade Thickness: 3 mm (0.118 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
1/2 In. Formed Plate with Reinforcement  
and 2 x - 5/8 In. U-bolts

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pre-Riveted Flange  
Gang Axle: 1 In. Square  
Front Gang Angles: 2, 9, 13, 24 Degrees  
Rear Gang Angles: 5, 11, 20, 27 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3321XF		DH1166 - 5 Ft. 6 In. 3-Point Disk Harrow with 16 Blades on 7.5 In. Spacing	2,237.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	34.00
1020		Notched Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	17.00

#### ATTACHMENTS FOR FIELD CONVERSION

5TLRSK716	<b>Miscellaneous</b> Scraper Kit (DH1166)	434.16
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**FRONTIER PRODUCTS**

Tillage

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**DH1166 - 5 Ft. 6 In. 3-Point Disk Harrow with 16 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1176 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 76 In.  
Blade Spacing: 9 In.  
Tractor HP (Maximum): 45 HP  
Shipping Weight: 814 lbs.  
Approximate Operating Weight: 705 lbs.  
Number of Blades: 16  
Blade Size: 18 In. Diameter  
Blade Thickness: 3 mm (0.118 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
1/2 In. Formed Plate with Reinforcement  
and 2 x - 5/8 In. U-bolts

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pre-Riveted Flange  
Gang Axle: 1 In. Square  
Front Gang Angles: 2, 9, 13, 24 Degrees  
Rear Gang Angles: 5, 11, 20, 27 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3322XF		DH1176 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing	2,317.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	34.00
1020		Notched Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	17.00

#### ATTACHMENTS FOR FIELD CONVERSION

5TLRSK916	<b>Miscellaneous</b>	Scraper Kit (DH1176)	450.36
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**FRONTIER PRODUCTS**

Tillage

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**DH1176 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH1180 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 80 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 45 HP  
Shipping Weight: 820 lbs.  
Approximate Operating Weight: 735 lbs.  
Number of Blades: 20  
Blade Size: 18 In. Diameter  
Blade Thickness: 3 mm (0.118 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
1/ In. Formed Plate with Reinforcement  
and 2 x - 5/8 In. U-bolts

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pre-Riveted Flange  
Gang Axle: 1 In. Square  
Front Gang Angles: 2, 9, 13, 24 Degrees  
Rear Gang Angles: 5, 11, 20, 27 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3323XF		DH1180 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing	2,513.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	44.00
1020		Notched Front and Smooth Rear Disk Blades <i>18 In. Diameter for 1 In. Shaft (3mm Thick)</i>	21.00

### ATTACHMENTS FOR FIELD CONVERSION

		<b>Miscellaneous</b> 5TLRSK720 Scraper Kit for base machine DH1180 (No Furrow Fillers)	496.80
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**FRONTIER PRODUCTS**

Tillage

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**DH1180 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1276 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 76 In.  
Blade Spacing: 9 In.  
Tractor HP (Maximum): 55 HP  
Shipping Weight: 935 lbs.  
Approximate Operating Weight: 890 lbs.  
Number of Blades: 16  
Blade Size: 20 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
High Strength 3 In. Channel Steel Hangers  
with 5/8 In. Bolts and Plate

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pillow Block  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 13, 16, 19, 23 Degrees  
Rear Gang Angles: 8, 11, 19, 23 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3331XF		DH1276 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing	3,098.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	71.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	35.00

#### ATTACHMENTS FOR FIELD CONVERSION

	<b>Miscellaneous</b>		
5TL11477		Center Sweep Kit (all DH12 Series Models)	326.16
5TLRB1276		DH1276 Rolling Basket	1,763.64
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLSK916H		Scraper Kit with 9 In. Spacing for base machine DH1276 (No Furrow Fillers)	677.16

**FRONTIER PRODUCTS**

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**DH1276 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 80 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 55 HP  
Shipping Weight: 978 lbs.  
Approximate Operating Weight: 942 lbs.  
Number of Blades: 20  
Blade Size: 20 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
High Strength 3 In. Channel Steel Hangers  
with 5/8 In. Bolts and Plate

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pillow Block  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 13, 16, 19, 23 Degrees  
Rear Gang Angles: 8, 11, 19, 23 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3332XF		DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing	3,431.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	89.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	45.00

### ATTACHMENTS FOR FIELD CONVERSION

	<b>Miscellaneous</b>		
5TL11477		Center Sweep Kit (all DH12 Series Models)	326.16
5TLRB1280		DH1280 Rolling Basket	1,763.64
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLSK720H		Scraper Kit with 7.5 In. Spacing (DH1280)	770.04

**FRONTIER PRODUCTS**

Tillage

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**DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 18 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 80 In.  
Blade Spacing:  
9 In. Front and 7.5 In. Rear  
Tractor HP (Maximum): 55 HP  
Shipping Weight: 969 lbs.  
Approximate Operating Weight: 915 lbs.  
Number of Blades: 18  
Blade Size: 20 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
High Strength 3 In. Channel Steel Hangers

with 5/8 In. Bolts and Plate  
Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pillow Block  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 13, 16, 19, 23 Degrees  
Rear Gang Angles: 8, 11, 19, 23 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3335XF		DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 18 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear	3,330.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	80.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	45.00

#### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>			
5TL11477		Center Sweep Kit (all DH12 Series Models)	326.16
5TLRB1280		DH1280 Rolling Basket	1,763.64
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLSK9718H		Scraper Kit with 9 In. Front Spacing and 7.5 In. Rear Spacing for base machine DH1280 (No Furrow Fillers)	749.52

**FRONTIER PRODUCTS**

**Tillage**

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**DH1280 - 6 Ft. 8 In. 3-Point Disk Harrow with 18 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear**

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## FRONTIER PRODUCTS

### Tillage

## DH1296 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 96 In.  
Blade Spacing: 9 In.  
Tractor HP (Maximum): 55 HP  
Shipping Weight: 1040 lbs.  
Approximate Operating Weight: 968 lbs.  
Number of Blades: 20  
Blade Size: 20 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
High Strength 3 In. Channel Steel Hangers  
with 5/8 In. Bolts and Plate

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pillow Block  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 13, 16, 19, 23 Degrees  
Rear Gang Angles: 8, 11, 19, 23 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3333XF		DH1296 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing	3,561.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	89.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	45.00

### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>		
5TL11477	Center Sweep Kit (all DH12 Series Models)	326.16
5TLRB1296	DH1296 Rolling Basket	2,129.76
5TLT70316	Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLSK920H	Scraper Kit with 9 In. Spacing for base machine DH1296 (No Furrow Filler)	842.40

**FRONTIER PRODUCTS**

Tillage

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**DH1296 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1296 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I  
Working Width: 96 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 55 HP  
Shipping Weight: 1066 lbs.  
Approximate Operating Weight: 1038 lbs.  
Number of Blades: 24  
Blade Size: 20 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.)  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square  
Bearing Hanger:  
High Strength 3 In. Channel Steel Hangers  
with 5/8 In. Bolts and Plate

Bearing Type:  
Self Aligning Sealed Ball Bearing  
in Pillow Block  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 13, 16, 19, 23 Degrees  
Rear Gang Angles: 8, 11, 19, 23 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3334XF		DH1296 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing	3,993.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	107.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	54.00

#### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL11477	Center Sweep Kit (all DH12 Series Models)	326.16
5TLRB1296	DH1296 Rolling Basket	2,129.76
5TLT70316	Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TL724H	Scraper Kit with 7.5 In. Spacing for base machine DH1296 (No Furrow Fillers)	983.88

**FRONTIER PRODUCTS**

Tillage

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**DH1296 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH1376 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I and II  
(Quick Hitch Compatible)  
Working Width: 76 In.  
Blade Spacing: 9 In.  
Tractor HP (Maximum): 75 HP  
Shipping Weight: 1229 lbs.  
Approximate Operating Weight: 1109 lbs.  
Number of Blades: 16  
Blade Size: 22 In. Diameter  
Blade Thickness: 4 mm (0.157 In.)  
Frame Tubing: 4 In. x 3 In.  
Gang Tubing: 4 In. x 3 In.  
Bearing Hanger:  
2 In. x 4 In. Steel Tubing

with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed Ball Bearing  
in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 12, 15, 18 Degrees  
Rear Gang Angles: 9, 12, 15, 18 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3341XF		DH1376 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing	3,892.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	68.00
1020		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	33.00

#### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL11476	Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1376	DH1376 Rolling Basket	1,747.44
5TLT70318	Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TLSK91643	Scraper Kit with 9 In. Spacing (DH1376)	686.88

**FRONTIER PRODUCTS**

Tillage

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**DH1376 - 6 Ft. 4 In. 3-Point Disk Harrow with 16 Blades on 9 In. Spacing**

Continued

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## FRONTIER PRODUCTS

### Tillage

# DH1380 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category I and II  
(Quick Hitch Compatible)  
Working Width: 80 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 75 HP  
Shipping Weight: 1326 lbs.  
Approximate Operating Weight: 1206 lbs.  
Number of Blades: 20  
Blade Size: 22 In. Diameter  
Blade Thickness: 4 mm (0.157 In.)  
Frame Tubing: 4 In. x 3 In.  
Gang Tubing: 4 In. x 3 In.  
Bearing Hanger:  
2 In. x 4 In Steel Tubing

with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed Ball Bearing  
in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 12, 15, 18 Degrees  
Rear Gang Angles: 9, 12, 15, 18 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3342XF		DH1380 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing	4,402.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	85.00
1020		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	43.00

#### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL11476	Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1380	DH1380 Rolling Basket	1,747.44
5TLT70318	Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TLSK72043	Scraper Kit with 7.5 In. Spacing (DH1380)	792.72

**FRONTIER PRODUCTS**

Tillage

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**DH1380 - 6 Ft. 8 In. 3-Point Disk Harrow with 20 Blades on 7.5 In. Spacing**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH1396 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
(Quick Hitch Compatible)  
Working Width: 96 In.  
Blade Spacing: 9 In.  
Tractor HP (Maximum): 75 HP  
Shipping Weight: 1376 lbs.  
Approximate Operating Weight: 1256 lbs.  
Number of Blades: 20  
Blade Size: 22 In. Diameter  
Blade Thickness: 4 mm (0.157 In.)  
Frame Tubing: 4 In. x 3 In.  
Gang Tubing: 4 In. x 3 In.  
Bearing Hanger:  
2 In. x 4 In. Steel Tubing

with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed Ball Bearing  
in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 12, 15, 18 Degrees  
Rear Gang Angles: 9, 12, 15, 18 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3343XF		DH1396 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing	4,482.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	85.00
1020		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	43.00

### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>		
5TL11476	Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1396	DH1396 Rolling Basket	2,117.88
5TLT70318	Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TLSK92043	Scraper Kit with 9 In. Spacing (DH1396)	844.56

**FRONTIER PRODUCTS**

Tillage

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**DH1396 - 8 Ft. 3-Point Disk Harrow with 20 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH1396 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
(Quick Hitch Compatible)  
Working Width: 96 In.  
Blade Spacing: 7.5 In.  
Tractor HP (Maximum): 75 HP  
Shipping Weight: 1466 lbs.  
Approximate Operating Weight: 1346 lbs.  
Number of Blades: 24  
Blade Size: 22 In. Diameter  
Blade Thickness: 4 mm (0.157 In.)  
Frame Tubing: 4 In. x 3 In.  
Gang Tubing: 4 In. x 3 In.  
Bearing Hanger:  
2 In. x 4 In. Steel Tubing

with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed Ball Bearing  
in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 12, 15, 18 Degrees  
Rear Gang Angles: 9, 12, 15, 18 Degrees  
Approximate Assembly Time: 15 Minutes

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3344XF		DH1396 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing	4,924.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	102.00
1020		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	51.00

### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL11476	Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1396	DH1396 Rolling Basket	2,117.88
5TLT70318	Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TLSK72443	Scraper Kit with 7.5 In. Spacing (DH1396)	975.24

**FRONTIER PRODUCTS**

Tillage

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**DH1396 - 8 Ft. 3-Point Disk Harrow with 24 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH1508 - 8 Ft. Drawn Disk Harrow with 24 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 8 Ft.  
Blade Spacing: 7.5 In.  
Tractor HP: 35-55 HP  
Shipping Weight: 2018 lbs.  
Approximate Operating Weight: 1943 lbs.  
Number of Blades: 24  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square

Bearing Hanger:  
2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3351XF		DH1508 - 8 Ft. Drawn Disk Harrow with 24 Blades on 7.5 In. Spacing	8,182.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	105.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	53.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	504.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	608.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	501.00

### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

### SCRAPERS

9000		Scraper Kit <i>7.5 In. Spacing with 24 Blades.</i>	762.00
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## FRONTIER PRODUCTS

### Tillage

#### DH1508 - 8 Ft. Drawn Disk Harrow with 24 Blades on 7.5 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		<b>SCRAPERS ...Continued...</b>	
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
		<b>MIDDLE BREAKER</b>	
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
		<b>MISCELLANEOUS</b>	
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905G		DH1508 Rolling Basket with mounts and weight kit	2,173.00
		<b>ATTACHMENTS FOR FIELD CONVERSION</b>	
		<b>Miscellaneous</b>	
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1508		DH1508 Rolling Basket	2,346.84
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL7245		Scraper Kit with 7.5 In. Spacing with 24 Blades for base machine DH1508 (No Furrow Fillers)	822.96



## FRONTIER PRODUCTS

### Tillage

# DH1508 - 8 Ft. Drawn Disk Harrow with 20 Blades on 9 In. Spacing

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 8 Ft.  
Blade Spacing: 9 In.  
Tractor HP: 35-55 HP  
Shipping Weight: 1908 lbs.  
Approximate Operating Weight: 1833 lbs.  
Number of Blades: 20  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square

Bearing Hanger:  
2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3352XF		DH1508 - 8 Ft. Drawn Disk Harrow with 20 Blades on 9 In. Spacing	7,563.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	88.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	44.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	420.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	507.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	462.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit <i>9 In. Spacing with 20 Blades.</i>	743.00
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## FRONTIER PRODUCTS

### Tillage

#### DH1508 - 8 Ft. Drawn Disk Harrow with 20 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		<b>SCRAPERS ...Continued...</b>	
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
		<b>MIDDLE BREAKER</b>	
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
		<b>MISCELLANEOUS</b>	
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905G		DH1508 Rolling Basket with mounts and weight kit	2,173.00
		<b>ATTACHMENTS FOR FIELD CONVERSION</b>	
		<b>Miscellaneous</b>	
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1508		DH1508 Rolling Basket	2,346.84
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL5K9205		Scraper Kit with 9 In. Spacing with 20 Blades for base machine DH1508 (No Furrow Fillers)	802.44

## FRONTIER PRODUCTS

### Tillage

# DH1508 - 8 Ft. Drawn Disk Harrow with 22 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 8 Ft.  
Blade Spacing: 9 In. Front and 7.5 In. Rear  
Tractor HP: 35-55 HP  
Shipping Weight: 1943 lbs.  
Approximate Operating Weight: 1868 lbs.  
Number of Blades: 22  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square  
Gang Tubing: 3 In. Square

Bearing Hanger:  
2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3353XF		DH1508 - 8 Ft. Drawn Disk Harrow with 22 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear	7,951.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	97.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	53.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	461.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	557.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	513.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

**FRONTIER PRODUCTS**

**Tillage**

**DH1508 - 8 Ft. Drawn Disk Harrow with 22 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear**

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
9000		Scraper Kit <i>9 In. Front Spacing and 7.5 In. Rear Spacing with 22 Blades (DH1508).</i>	791.00
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905G		DH1508 Rolling Basket with mounts and weight kit	2,173.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1508		DH1508 Rolling Basket	2,346.84
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TLSK97225		Scraper Kit with 9 In. Front Spacing and 7.5 In. Rear Spacing with 22 Blades for base machine DH1508 (No Furrow Fillers)	854.28

## FRONTIER PRODUCTS

### Tillage

## DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 9 Ft. 6 In.  
Blade Spacing: 7.5 In.  
Tractor HP: 40-65 HP  
Shipping Weight: 2100 lbs.  
Approximate Operating Weight: 2025 lbs.  
Number of Blades: 28  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square

Gang Tubing: 3 In. Square  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3354XF		DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 7.5 In. Spacing	8,524.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	123.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	62.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	588.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	711.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	648.00

### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

### SCRAPERS

9000		Scraper Kit <i>7.5 In. Spacing with 28 Blades.</i>	929.00
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**FRONTIER PRODUCTS**

**Tillage**

**DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 7.5 In. Spacing**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>SCRAPERS ...Continued...</b>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905H		DH1509 Rolling Basket with mounts and weight kit	2,445.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1509		DH1509 Rolling Basket	2,640.60
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL7285		Scraper Kit with 7.5 In. Spacing with 28 Blades for base machine DH1509 (No Furrow Fillers)	1,003.32

## FRONTIER PRODUCTS

### Tillage

# DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 24 Blades on 9 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 9 Ft. 6 In.  
Blade Spacing: 9 In.  
Tractor HP: 40-65 HP  
Shipping Weight: 2028 lbs.  
Approximate Operating Weight: 1953 lbs.  
Number of Blades: 24  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square

Gang Tubing: 3 In. Square  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3355XF		DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 24 Blades on 9 In. Spacing	8,380.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	105.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	53.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	504.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	608.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	556.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit <i>9 In. Spacing with 24 Blades.</i>	854.00
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00

## FRONTIER PRODUCTS

### Tillage

#### DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 24 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905H		DH1509 Rolling Basket with mounts and weight kit	2,445.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1509		DH1509 Rolling Basket	2,640.60
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL9245		Scraper Kit with 9 In. Spacing with 24 Blades for base machine DH1509 (No Furrow Fillers)	922.32



## FRONTIER PRODUCTS

### Tillage

# DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 26 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 9 Ft. 6 In.  
Blade Spacing: 9 In. Front and 7.5 In. Rear  
Tractor HP: 40-65 HP  
Shipping Weight: 1993 lbs.  
Approximate Operating Weight: 2068 lbs.  
Number of Blades: 26  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing: 3 In. Square

Gang Tubing: 3 In. Square  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
9, 13, 14, 16, 19, 20, 23, 24, 26 Degrees  
Rear Gang Angles:  
8, 11, 13, 15, 16, 19, 21, 23, 27 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3356XF		DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 26 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear	8,765.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	114.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	62.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	546.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	660.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	607.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	88.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit	888.00
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## FRONTIER PRODUCTS

### Tillage

## DH1509 - 9 Ft. 6 In. Drawn Disk Harrow with 26 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
<i>9 In. Front Spacing and 7.5 In. Rear Spacing with 26 Blades (DH1509).</i>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1508 and DH1509 Models.</i>	287.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905H		DH1509 Rolling Basket with mounts and weight kit	2,445.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL14177		Center Sweep Kit (all DH1508 and DH1509 Models)	309.96
5TLRB1509		DH1509 Rolling Basket	2,640.00
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL5K97265		Scraper Kit with 9 In. Front Spacing and 7.5 In. Rear Spacing with 22 Blades for base machine DH1509 (No Furrow Fillers)	959.04

## FRONTIER PRODUCTS

### Tillage

# DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 32 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 10 Ft. 6 In.  
Blade Spacing: 7.5 In.  
Tractor HP: 45-75 HP  
Shipping Weight: 2555 lbs.  
Approximate Operating Weight: 2480 lbs.  
Number of Blades: 32  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing:  
4 In. x 3 In. and 5 In. x 3 In.

Gang Tubing: 4 In. x 3 In.  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 11, 12, 14, 15,  
16, 19, 22, 25 Degrees  
Rear Gang Angles: 5, 8, 9, 11, 12, 14,  
15, 17, 20, 23 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3357XF		DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 32 Blades on 7.5 In. Spacing	10,212.00
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### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	140.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	70.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	672.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	811.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	742.00

### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

### SCRAPERS

9000		Scraper Kit	1,079.00
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**FRONTIER PRODUCTS**

**Tillage**

**DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 32 Blades on 7.5 In. Spacing**

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
<i>7.5 In. Spacing with 32 Blades.</i>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905I		DH1510 Rolling Basket with mounts and weight kit	2,717.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1510		DH1510 Rolling Basket	2,934.36
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TLSK7325		Scraper Kit with 7.5 In. Spacing with 32 Blades for base machine DH1510 (No Furrow Fillers)	1,165.32

## FRONTIER PRODUCTS

### Tillage

# DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 10 Ft. 6 In.  
Blade Spacing: 9 In.  
Tractor HP: 45-75 HP  
Shipping Weight: 2473 lbs.  
Approximate Operating Weight: 2398 lbs.  
Number of Blades: 28  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing:  
4 In. x 3 In. and 5 In. x 3 In.

Gang Tubing: 4 In. x 3 In.  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 11, 12, 14, 15,  
16, 19, 22, 25 Degrees  
Rear Gang Angles: 5, 8, 9, 11, 12, 14,  
15, 17, 20, 23 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3358XF		DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing	9,705.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	123.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	62.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	588.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	711.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	648.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit	1,014.00
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## FRONTIER PRODUCTS

### Tillage

## DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
<i>9 In. Spacing with 28 Blades.</i>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905I		DH1510 Rolling Basket with mounts and weight kit	2,717.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1510		DH1510 Rolling Basket	2,934.36
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL9285		Scraper Kit with 9 In. Spacing with 28 Blades for base machine DH1510 (No Furrow Fillers)	1,095.12

## FRONTIER PRODUCTS

### Tillage

# DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 30 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 10 Ft. 6 In.  
Blade Spacing: 9 In. Front and 7.5 In. Rear  
Tractor HP: 45-75 HP  
Shipping Weight: 2515 lbs.  
Approximate Operating Weight: 2440 lbs.  
Number of Blades: 30  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing:  
4 In. x 3 In. and 5 In. x 3 In.

Gang Tubing: 4 In. x 3 In.  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed or Lubricated  
Ball Bearing in a Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 11, 12, 14, 15,  
16, 19, 22, 25 Degrees  
Rear Gang Angles: 5, 8, 9, 11, 12, 14,  
15, 17, 20, 23 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3359XF		DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 30 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear	10,031.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	131.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	70.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	629.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	760.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	698.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

## FRONTIER PRODUCTS

### Tillage

## DH1510 - 10 Ft. 6 In. Drawn Disk Harrow with 30 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
9000		Scraper Kit <i>9 In. Front Spacing and 7.5 In. Rear Spacing with 30 Blades.</i>	1,049.00
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
9051		DH1510 Rolling Basket with mounts and weight kit	2,717.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1510		DH1510 Rolling Basket	2,934.36
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TLSK97305		Scraper Kit with 9 In. Front Spacing and 7.5 In. Rear Spacing with 30 Blades for base machine DH1510 (No Furrow Fillers)	1,132.92



## FRONTIER PRODUCTS

### Tillage

# DH1512 - 12 Ft. Drawn Disk Harrow with 36 Blades on 7.5 In. Spacing

Equipment for Base Machine

<p>Hitch: Drawn Level Lift with clevis and jack Hitch Safety Chain: Standard Hydraulics: 3 In. x 8 In. Cylinder with 150 In. of Hydraulic Hose Depth Control: Center Mounted Pin Adjustment Tires: Standard (9.5L-15 6 Ply) Working Width: 12 Ft. Blade Spacing: 7.5 In. Tractor HP: 55-85 HP Shipping Weight: 3113 lbs. Approximate Operating Weight: 3038 lbs. Number of Blades: 36 Blade Size: 20 In. or 22 In. Diameter Blade Thickness: 3.5 mm (0.138 In.) with 20 In. or 4 mm (0.157 In.) with 22 In. Frame Tubing: 4 In. x 3 In. and 5 In. x 3 In.</p>	<p>Gang Tubing: 4 In. x 3 In. Bearing Hanger: 2 In. x 4 In. Steel Tubing with 3/4 In. U-bolt Bearing Type: Self Aligning Sealed or Lubricated Ball Bearing in a Trunion Mount Gang Axle: 1-1/8 In. Square Front Gang Angles: 9, 11, 12, 14, 15, 16, 19, 22, 25 Degrees Rear Gang Angles: 5, 8, 9, 11, 12, 14, 15, 17, 20, 23 Degrees Approximate Assembly Time: 4 Hours</p>
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Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

335AXF		DH1512 - 12 Ft. Drawn Disk Harrow with 36 Blades on 7.5 In. Spacing	11,598.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	159.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	78.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	756.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	913.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	835.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit <i>7.5 In. Spacing with 36 Blades.</i>	1,358.00
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## FRONTIER PRODUCTS

### Tillage

## DH1512 - 12 Ft. Drawn Disk Harrow with 36 Blades on 7.5 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905K		DH1512 Rolling Basket with mounts and weight kit	3,260.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1512		DH1512 Rolling Basket	3,520.80
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TLSK7365		Scraper Kit with 7.5 In. Spacing with 36 Blades for base machine DH1512 (No Furrow Fillers)	1,466.64

## FRONTIER PRODUCTS

### Tillage

# DH1512 - 12 Ft. Drawn Disk Harrow with 32 Blades on 9 In. Spacing

Equipment for Base Machine

<p>Hitch: Drawn Level Lift with Clevis and Jack Hitch Safety Chain: Standard Hydraulics: 3 In. x 8 In. Cylinder with 150 In. of Hydraulic Hose Depth Control: Center Mounted Pin Adjustment Tires: Standard (9.5L-15 6 Ply) Working Width: 12 Ft. Blade Spacing: 9 In. Tractor HP: 55-85 HP Shipping Weight: 3023 lbs. Approximate Operating Weight: 2948 lbs. Number of Blades: 32 Blade Size: 20 In. or 22 In. Diameter Blade Thickness: 3.5 mm (0.138 In.) with 20 In. or 4 mm (0.157 In.) with 22 In. Frame Tubing: 4 In. x 3 In. and 5 In. x 3 In.</p>	<p>Gang Tubing: 4 In. x 3 In. Bearing Hanger: 2 In. x 4 In. Steel Tubing with 3/4 In. U-bolt Bearing Type: Self Aligning Sealed or Lubricated Ball Bearing in a Trunion Mount Gang Axle: 1-1/8 In. Square Front Gang Angles: 9, 11, 12, 14, 15, 16, 19, 22, 25 Degrees Rear Gang Angles: 5, 8, 9, 11, 12, 14, 15, 17, 20, 23 Degrees Approximate Assembly Time: 4 Hours</p>
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Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

335BXF		DH1512 - 12 Ft. Drawn Disk Harrow with 32 Blades on 9 In. Spacing	10,835.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	140.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	70.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	672.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	811.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	742.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

9000		Scraper Kit <i>9 In. Spacing with 32 Blades.</i>	1,274.00
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## FRONTIER PRODUCTS

### Tillage

## DH1512 - 12 Ft. Drawn Disk Harrow with 32 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905K		DH1512 Rolling Basket with mounts and weight kit	3,260.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1512		DH1512 Rolling Basket	3,520.80
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TL5K9325		Scraper Kit with 9 In. Spacing with 32 Blades for base machine DH1512 (No Furrow Fillers)	1,375.92

## FRONTIER PRODUCTS

### Tillage

# DH1512 - 12 Ft. Drawn Disk Harrow with 34 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 3 In. x 8 In. Cylinder  
with 150 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (9.5L-15 6 Ply)  
Working Width: 12 Ft.  
Blade Spacing:  
9 In. Front and 7.5 In. Rear  
Tractor HP: 55-85 HP  
Shipping Weight: 3073 lbs.  
Approximate Operating Weight: 2998 lbs.  
Number of Blades: 34  
Blade Size: 20 In. or 22 In. Diameter  
Blade Thickness: 3.5 mm (0.138 In.) with  
20 In. or 4 mm (0.157 In.) with 22 In.  
Frame Tubing:

4 In. x 3 In. and 5 In. x 3 In.  
Gang Tubing: 4 In. x 3 In.  
Bearing Hanger: 2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type: Self Aligning Sealed  
or Lubricated Ball Bearing in a  
Trunion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles: 9, 11, 12, 14, 15,  
16, 19, 22, 25 Degrees  
Rear Gang Angles: 5, 8, 9, 11, 12, 14,  
15, 17, 20, 23 Degrees  
Approximate Assembly Time: 4 Hours

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

335CXF		DH1512 - 12 Ft. Drawn Disk Harrow with 34 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear	11,100.00
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#### DISK BLADES

1000		Notched Front and Notched Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	In Base Price
1010		Smooth Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	149.00
1020		Notched Front and Smooth Rear Disk Blades <i>20 In. Diameter for 1.125 In. Shaft (3.5mm Thick)</i>	78.00
1040		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	714.00
1060		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	862.00
1080		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter for 1.125 In. Shaft (4mm Thick)</i>	792.00

#### DISK GANG BEARING STYLE

2000		Relube Bearings for 1.125 In. Gang Beam Shaft	131.00
2010		Sealed Bearings for 1.125 In. Gang Beam Shaft	In Base Price

#### SCRAPERS

## FRONTIER PRODUCTS

### Tillage

## DH1512 - 12 Ft. Drawn Disk Harrow with 34 Blades on 9 In. Spacing on Front and 7.5 In. Spacing on Rear

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>SCRAPERS ...Continued...</b>			
9000		Scraper Kit <i>9 In. Front Spacing and 7.5 In. Rear Spacing with 34 Blades.</i>	1,323.00
9030		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 Series Models)	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>For all DH1510 and DH1512 Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for all Units with 20 In. Blades	260.00
9015		Furrow Filler Kit for all Units with 22 In. Blades	264.00
905K		DH1512 Rolling Basket with mounts and weight kit	3,260.00
<b>WHEELS AND TIRES</b>			
9040		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	952.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1512		DH1512 Rolling Basket	3,520.80
5TL13160		Dual Wheel Kit with Tires (all DH1510 and DH1512 Models)	1,028.16
5TL15745		French Kit - Includes Operator's Manual and Safety Decals (DH15 Series)	60.48
5TLT70316		Furrow Filler Kit for all Units with 20 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	280.80
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76
5TLSK97345		Scraper Kit with 9 In. Front Spacing and 7.5 In. Rear Spacing with 34 Blades for base machine DH1512 (No Furrow Fillers)	1,428.84

## FRONTIER PRODUCTS

### Tillage

# DH1610 - 10 Ft 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift with Clevis and Jack Hitch Safety Chain: Standard Hydraulics: 4 In. x 8 In. Cylinder with 160 In. of Hydraulic Hose Depth Control: Center Mounted Pin Adjustment Tires: Standard ( Dual 9.5L-15 6 Ply) Working Width: 10 Ft. 6 In. Blade Spacing: 9 In. Tractor HP: 60-80 HP Shipping Weight: 4228 lbs. Approximate Operating Weight: 3953 lbs. Number of Blades: 28 Blade Size: 22 In. Diameter Blade Thickness: 4.5 mm (0.177 In.) Frame Tubing: Combination 4 In. X 6 In. and 4 In. X 4 In Tubular Frame Gang Tubing: 4 In. Square Tubing Bearing Hanger:	2 In. x 4 In. Steel Tubing with 3/4 In. U-bolt Bearing Type: Self Aligning Sealed Ball Bearing in a Trunnion Mount Gang Axle: 1-1/2 In. Square Front Gang Angles: 5, 8, 9, 11, 13, 14, 16, 18, 19, 21, 22, 25 Degrees Rear Gang Angles: 5, 8, 10, 12, 13, 14, 16, 17, 19, 20, 21, 24 Degrees Approximate Assembly Time: 4 hrs
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Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3511XF	DH1610 - 10 Ft 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing	13,843.00
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#### DISK BLADES

1000	Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	In Base Price
1010	Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1020	Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1030	Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	534.00
1040	Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	560.00
1050	Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	582.00

#### DISK GANG BEARING STYLE

2000	Sealed Bearings for 1.50 In. Gang Beam Shaft	In Base Price
2010	Relube Bearings for 1.50 In. Gang Beam Shaft	98.00

#### DISK GANG BEARING HANGER

3000	Rigid Tubular Bearing Hanger	In Base Price
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## FRONTIER PRODUCTS

### Tillage

## DH1610 - 10 Ft 6 In. Drawn Disk Harrow with 28 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
3010		<b>DISK GANG BEARING HANGER ...Continued...</b> C-Spring Bearing Hanger	1,165.00
<b>SCRAPERS</b>			
9000		Adjustable Scraper Kit for base machine (No Furrow Fillers)	1,082.00
9030		Scraper for Furrow Fillers <i>Furrow Filler Scraper Kit contains two scrapers for 18 In. furrow filler blades. Machines must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>All DH16 Series Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for 22 In. Diameter Disk Gangs <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	264.00
905J		DH1610 Rolling Basket with mounts and weight kit	2,693.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TLSK9286		Adjustable Scraper Kit for base machine DH1610 (No Furrow Fillers)	1,168.56
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1610		DH1610 Rolling Basket	2,908.44
5TL15802		French Kit - Includes Operator's Manual and Safety Decals (DH16 Series)	60.48
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76



## FRONTIER PRODUCTS

### Tillage

# DH1612 - 12 Ft Drawn Disk Harrow with 32 Blades on 9 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift with Clevis and Jack Hitch Safety Chain: Standard Hydraulics: 4 In. x 8 In. Cylinder with 160 In. of Hydraulic Hose Depth Control: Center Mounted Pin Adjustment Tires: Standard ( Dual 9.5L-15 6 Ply) Working Width: 12 Ft. 0 In. Blade Spacing: 9 In. Tractor HP: 75-115 HP Shipping Weight: 4573 lbs. Approximate Operating Weight: 4298 lbs. Number of Blades: 32 Blade Size: 22 In. Diameter Blade Thickness: 4.5 mm (0.177 In.) Frame Tubing: Combination 4 In. X 6 In. and 4 In. X 4 In Tubular Frame Gang Tubing: 4 In. Square Tubing Bearing Hanger:	2 In. x 4 In. Steel Tubing with 3/4 In. U-bolt Bearing Type: Self Aligning Sealed Ball Bearing in a Trunnion Mount Gang Axle: 1-1/2 In. Square Front Gang Angles: 5, 8, 9, 11, 13, 14, 16, 18, 19, 21, 22, 25 Degrees Rear Gang Angles: 5, 8, 10, 12, 13, 14, 16, 17, 19, 20, 21, 24 Degrees Approximate Assembly Time: 4 hrs
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Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3512XF	DH1612 - 12 Ft Drawn Disk Harrow with 32 Blades on 9 In. Spacing	15,525.00
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### DISK BLADES

1000	Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	In Base Price
1010	Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1020	Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1030	Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	611.00
1040	Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	641.00
1050	Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	666.00

### DISK GANG BEARING STYLE

2000	Sealed Bearings for 1.50 In. Gang Beam Shaft	In Base Price
2010	Relube Bearings for 1.50 In. Gang Beam Shaft	98.00

### DISK GANG BEARING HANGER

3000	Rigid Tubular Bearing Hanger	In Base Price
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## FRONTIER PRODUCTS

### Tillage

## DH1612 - 12 Ft Drawn Disk Harrow with 32 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
3010		<b>DISK GANG BEARING HANGER ...Continued...</b> C-Spring Bearing Hanger	1,165.00
<b>SCRAPERS</b>			
9000		Adjustable Scraper Kit for base machine (No Furrow Fillers)	1,178.00
9030		Scraper for Furrow Fillers <i>Furrow Filler Scraper Kit contains two scrapers for 18 In. furrow filler blades. Machines must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>All DH16 Series Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for 22 In. Diameter Disk Gangs <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	264.00
905L		DH1612 Rolling Basket with mounts and weight kit	3,231.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TLSK9326		Adjustable Scraper Kit for base machine DH1612 (No Furrow Fillers)	1,272.24
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1612		DH1612 Rolling Basket	3,489.48
5TL15802		French Kit - Includes Operator's Manual and Safety Decals (DH16 Series)	60.48
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76

## FRONTIER PRODUCTS

### Tillage

# DH1613 - 13 Ft 6 In. Drawn Disk Harrow with 36 Blades on 9 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 4 In. x 8 In. Cylinder  
with 160 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard ( Dual 9.5L-15 6 Ply)  
Working Width: 13 Ft. 6 In.  
Blade Spacing: 9 In.  
Tractor HP: 75-125 HP  
Shipping Weight: 4889 lbs.  
Approximate Operating Weight: 4614 lbs.  
Number of Blades: 36  
Blade Size: 22 In. Diameter  
Blade Thickness: 4.5 mm (0.177 In.)  
Frame Tubing: Combination 4 In. X 6 In. and 4 In. X  
4 In Tubular Frame  
Gang Tubing: 4 In. Square Tubing

Bearing Hanger:  
2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed  
Ball Bearing in a Trunnion Mount  
Gang Axle: 1-1/2 In. Square  
Front Gang Angles:  
6, 8, 10, 12, 14, 16, 17, 19, 22 Degrees  
Rear Gang Angles:  
8, 11, 12, 14, 16, 17, 19, 20, 22, 24 Degrees  
Approximate Assembly Time: 4 hrs

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3513XF		DH1613 - 13 Ft 6 In. Drawn Disk Harrow with 36 Blades on 9 In. Spacing	16,593.00
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#### DISK BLADES

1000		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	In Base Price
1010		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1020		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1030		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	686.00
1040		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	721.00
1050		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	749.00

#### DISK GANG BEARING STYLE

2000		Sealed Bearings for 1.50 In. Gang Beam Shaft	In Base Price
2010		Relube Bearings for 1.50 In. Gang Beam Shaft	139.00

#### DISK GANG BEARING HANGER

3000		Rigid Tubular Bearing Hanger	In Base Price
3010		C-Spring Bearing Hanger	1,589.00

## FRONTIER PRODUCTS

### Tillage

## DH1613 - 13 Ft 6 In. Drawn Disk Harrow with 36 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG BEARING HANGER ...Continued...</b>			
<b>SCRAPERS</b>			
9000		Adjustable Scraper Kit for base machine (No Furrow Fillers)	1,276.00
9030		Scraper for Furrow Fillers <i>Furrow Filler Scraper Kit contains two scrapers for 18 In. furrow filler blades. Machines must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>All DH16 Series Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for 22 In. Diameter Disk Gangs <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	264.00
905M		DH1613 Rolling Basket with mounts and weight kit	3,501.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TLSK9366		Adjustable Scraper Kit for base machine DH1613 (No Furrow Fillers)	1,378.08
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1613		DH1613 Rolling Basket	3,781.08
5TL15802		French Kit - Includes Operator's Manual and Safety Decals (DH16 Series)	60.48
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76

## FRONTIER PRODUCTS

### Tillage

# DH1615 - 15 Ft Drawn Disk Harrow with 40 Blades on 9 In. Spacing

Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 4 In. x 8 In. Cylinder  
with 160 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard ( Dual 9.5L-15 6 Ply)  
Working Width: 15 Ft. 0 In.  
Blade Spacing: 9 In.  
Tractor HP: 80-140 HP  
Shipping Weight: 5222 lbs.  
Approximate Operating Weight: 4947 lbs.  
Number of Blades: 40  
Blade Size: 22 In. Diameter  
Blade Thickness: 4.5 mm (0.177 In.)  
Frame Tubing: Combination 4 In. X 6 In. and 4 In. X  
4 In Tubular Frame  
Gang Tubing: 4 In. Square Tubing

Bearing Hanger:  
2 In. x 4 In. Steel Tubing  
with 3/4 In. U-bolt  
Bearing Type:  
Self Aligning Sealed  
Ball Bearing in a Trunnion Mount  
Gang Axle: 1-1/2 In. Square  
Front Gang Angles:  
6, 8, 10, 12, 14, 16, 17, 19, 22 Degrees  
Rear Gang Angles:  
8, 11, 12, 14, 16, 17, 19, 20, 22, 24 Degrees  
Approximate Assembly Time: 4 hrs

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3514XF		DH1615 - 15 Ft Drawn Disk Harrow with 40 Blades on 9 In. Spacing	17,299.00
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#### DISK BLADES

1000		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	In Base Price
1010		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1020		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .177 In. Thick (4.5mm Thick) for 1.5 In. Shaft</i>	No Added Cost
1030		Smooth Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	800.00
1040		Notched Front and Smooth Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	800.00
1050		Notched Front and Notched Rear Disk Blades <i>22 In. Diameter, 9 In. spacing, .236 In. Thick (6mm Thick) for 1.5 In. Shaft</i>	833.00

#### DISK GANG BEARING STYLE

2000		Sealed Bearings for 1.50 In. Gang Beam Shaft	In Base Price
2010		Relube Bearings for 1.50 In. Gang Beam Shaft	139.00

#### DISK GANG BEARING HANGER

3000		Rigid Tubular Bearing Hanger	In Base Price
3010		C-Spring Bearing Hanger	1,589.00

## FRONTIER PRODUCTS

### Tillage

## DH1615 - 15 Ft Drawn Disk Harrow with 40 Blades on 9 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG BEARING HANGER ...Continued...</b>			
<b>SCRAPERS</b>			
9000		Adjustable Scraper Kit for base machine (No Furrow Fillers)	1,364.00
9030		Scraper for Furrow Fillers <i>Furrow Filler Scraper Kit contains two scrapers for 18 In. furrow filler blades. Machines must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	123.00
<b>MIDDLE BREAKER</b>			
9020		Middle Breaker Kit <i>All DH16 Series Models.</i>	298.00
<b>MISCELLANEOUS</b>			
9010		Furrow Filler Kit for 22 In. Diameter Disk Gangs <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	264.00
905N		DH1615 Rolling Basket with mounts and weight kit	4,040.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TLSK9406		Adjustable Scraper Kit for base machine DH1615 (No Furrow Fillers)	1,473.12
5TL11476		Center Sweep Kit (all DH13 and DH16 Series, DH1510 and DH1512 Models)	321.84
5TLRB1615		DH1615 Rolling Basket	4,363.20
5TL15802		French Kit - Includes Operator's Manual and Safety Decals (DH16 Series)	60.48
5TLT70318		Furrow Filler Kit for all Units with 22 In. Blades <i>Kit contains two 18 In. furrow filler blades, mounting spools and hardware.</i>	285.12
5TL15169		Scraper Blade Assembly for Furrow Filler Kits - 2 Per Kit (all DH15 and DH16 Series Models) <i>Furrow Filler Scraper Kit contains two scrapers for the 18 In. furrow filler blades. Machine must be equipped with furrow fillers and base machine scrapers to be compatible with this option.</i>	137.76

## FRONTIER PRODUCTS

### Tillage

# TM5118 - 18 Ft. Tandem Wing Fold Ag Disk Harrow with 46 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 369 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 46  
 Approximate Net Weight: 15,500 lbs  
 Approximate Width of Cut: 18 ft.  
 Transport Width: 13 ft. 8 in.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 160-180 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3561XF		TM5118 - 18 Ft. Tandem Wing Fold Ag Disk Harrow with 46 Blades - U.S.	70,407.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,750.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,750.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,750.00
1080		26 In. Wavy Front and Rear Disk Blades	641.00
1090		28 In. Wavy Front and Rear Disk Blades	2,574.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,952.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5118 - 18 Ft. Tandem Wing Fold Ag Disk Harrow with 46 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	7,932.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52



## FRONTIER PRODUCTS

### Tillage

## TM5120 - 19 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 50 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel  
 Tube  
 Disk Blades:  
 26 in. x 5/16 in. Notched (Smooth optional)  
 28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 345 lbs/blade  
 Gang Axles:  
 1-5/8 or 2-1/8 in. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 50  
 Approximate Net Weight: 15,850 lbs  
 Approximate Width of Cut: 19 ft. 6 in.  
 Transport Width: 13 ft. 8 in.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 170-200 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3562XF	TM5120 - 19 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 50 Blades - U.S.	70,534.00
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### DISK BLADES

1000	26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020	26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030	28 In. Notched Front and Notched Rear Disk Blades	1,918.00
1040	28 In. Smooth Front and Smooth Rear Disk Blades	1,918.00
1050	28 In. Notched Front and Smooth Rear Disk Blades	1,918.00
1080	26 In. Wavy Front and Rear Disk Blades	696.00
1090	28 In. Wavy Front and Rear Disk Blades	2,813.00

### DISK BLADE CONCAVITY

3000	Regular Concavity Blades	In Base Price
3050	Low Concavity Blades	No Added Cost

### SCRAPERS

5620	Rigid Scrapers	In Base Price
5621	Paddle Scrapers	2,123.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5120 - 19 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 50 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	8,382.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52

## FRONTIER PRODUCTS

### Tillage

# TM5121 - 21 Ft. Tandem Wing Fold Ag Disk Harrow with 54 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 322 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 54  
 Approximate Net Weight: 16,100 lbs  
 Approximate Width of Cut: 21 ft.  
 Transport Width: 13 ft. 8 in.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 190-210 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3563XF		TM5121 - 21 Ft. Tandem Wing Fold Ag Disk Harrow with 54 Blades - U.S.	70,832.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	2,101.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	2,101.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	2,101.00
1080		26 In. Wavy Front and Rear Disk Blades	752.00
1090		28 In. Wavy Front and Rear Disk Blades	3,067.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	2,292.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5121 - 21 Ft. Tandem Wing Fold Ag Disk Harrow with 54 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	8,844.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52

## FRONTIER PRODUCTS

### Tillage

# TM5124 - 23 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 58 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel  
 Tube  
 Disk Blades:  
 26 in. x 5/16 in. Notched (Smooth optional)  
 28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 320 lbs/blade  
 Gang Axles:  
 1-5/8 or 2-1/8 in. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 58  
 Approximate Net Weight: 17,290 lbs  
 Approximate Width of Cut: 23 ft. 6 in.  
 Transport Width: 13 ft. 8 in.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 220+ HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3564XF		TM5124 - 23 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 58 Blades - U.S.	74,501.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	2,276.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	2,276.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	2,276.00
1080		26 In. Wavy Front and Rear Disk Blades	807.00
1090		28 In. Wavy Front and Rear Disk Blades	3,313.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	2,462.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5124 - 23 Ft. 6 In. Tandem Wing Fold Ag Disk Harrow with 58 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	10,437.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52

## FRONTIER PRODUCTS

### Tillage

# TM5129 - 29 Ft. Tandem Wing Fold Ag Disk Harrow with 74 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel Tube  
 Disk Blades:  
 26 in. x 5/16 in. Notched (Smooth optional)  
 28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 314 lbs/blade  
 Gang Axles:  
 1-5/8 or 2-1/8 in. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 74  
 Approximate Net Weight: 22,000 lbs  
 Approximate Width of Cut: 29 ft.  
 Transport Width: 19 ft.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 260+ HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: 6-8 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3565XF		TM5129 - 29 Ft. Tandem Wing Fold Ag Disk Harrow with 74 Blades - U.S.	99,721.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	3,136.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	3,136.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	3,136.00
1080		26 In. Wavy Front and Rear Disk Blades	1,030.00
1090		28 In. Wavy Front and Rear Disk Blades	4,461.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	3,141.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5129 - 29 Ft. Tandem Wing Fold Ag Disk Harrow with 74 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	10,366.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52



## FRONTIER PRODUCTS

### Tillage

## TM5132 - 32 Ft. Tandem Wing Fold Ag Disk Harrow with 82 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 6 in. x 4 in. x 3/8 in. High Strength Steel Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 309 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 82  
 Approximate Net Weight: 24,100 lbs  
 Approximate Width of Cut: 32 ft.  
 Transport Width: 19 ft.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 280+ HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (8) 11L x 15 in. 8 ply Implement  
 Front and Rear Gang Angles: Fixed  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: (3) 5 in. Hydraulic Lift Cylinders  
 Hitch Type: Spade  
 Set Up Time: -6-8 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3566XF	TM5132 - 32 Ft. Tandem Wing Fold Ag Disk Harrow with 82 Blades - U.S.	101,670.00
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### DISK BLADES

1000	26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020	26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030	28 In. Notched Front and Notched Rear Disk Blades	3,494.00
1040	28 In. Smooth Front and Smooth Rear Disk Blades	3,494.00
1050	28 In. Notched Front and Smooth Rear Disk Blades	3,494.00
1080	26 In. Wavy Front and Rear Disk Blades	1,142.00
1090	28 In. Wavy Front and Rear Disk Blades	4,962.00

### DISK BLADE CONCAVITY

3000	Regular Concavity Blades	In Base Price
3050	Low Concavity Blades	No Added Cost

### SCRAPERS

5620	Rigid Scrapers	In Base Price
5621	Paddle Scrapers	3,481.00

**FRONTIER PRODUCTS**

**Tillage**

**TM5132 - 32 Ft. Tandem Wing Fold Ag Disk Harrow with 82 Blades - U.S.**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Disk Gang Axle Components	In Base Price
2010		2-1/8 In. Disk Gang Axle Components	10,904.00
<b>REAR HITCH</b>			
9000		Rear Hitch (TM51 Series)	868.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
		<b>Miscellaneous</b>	
	5KB3063278A	Rear Hitch (TM 51 Series)	965.52

## FRONTIER PRODUCTS

### Tillage

## DH3263 - 5 Ft. 3 In. 3-Point Offset Disk Harrow with 14 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
iMatch and Quick Coupler Compatible  
(Quick-Attach System)  
Working Width: 63 In.  
Tractor HP Recommendation:  
35 to 75 HP  
Blade Spacing: 9 In.  
Blade Size: 20 In.  
Number of Blades: 14  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/8 In. Hi-Strength Steel

Duty: Standard Duty  
Assembly/Set-Up Time: 15 Minutes  
Approximate Operating Weight: 996 lbs.  
Shipping Weight: 1146 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3471XF		DH3263 - 5 Ft. 3 In. 3-Point Offset Disk Harrow with 14 Blades on 9 In. Spacing	3,710.00
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### ATTACHMENTS FOR FIELD CONVERSION

		<b>Miscellaneous</b> Scraper Kit (DH3263)	655.56
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**FRONTIER PRODUCTS**

Tillage

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**DH3263 - 5 Ft. 3 In. 3-Point Offset Disk Harrow with 14 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH3272 - 6 Ft. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
iMatch and Quick Coupler Compatible  
(Quick-Attach System)  
Working Width: 72 In.  
Tractor HP Recommendation:  
35 to 75 HP  
Blade Spacing: 9 In.  
Blade Size: 20 In.  
Number of Blades: 16  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/8 In. Hi-Strength Steel

Duty: Standard Duty  
Assembly/Set-Up Time: 15 Minutes  
Approximate Operating Weight: 1101 lbs.  
Shipping Weight: 1251 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3472XF		DH3272 - 6 Ft. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing	4,254.00
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#### ATTACHMENTS FOR FIELD CONVERSION

		<b>Miscellaneous</b> 5TLSLO916 Scraper Kit (DH3272)	725.76
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**FRONTIER PRODUCTS**

Tillage

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**DH3272 - 6 Ft. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH3280 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
iMatch and Quick Coupler Compatible  
(Quick-Attach System)  
Working Width: 80 In.  
Tractor HP Recommendation:  
35 to 75 HP  
Blade Spacing: 9 In.  
Blade Size: 20 In.  
Number of Blades: 18  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/8 In. Hi-Strength Steel

Duty: Standard Duty  
Assembly/Set-Up Time: 15 Minutes  
Approximate Operating Weight: 1185 lbs.  
Shipping Weight: 1335 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3473XF		DH3280 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing	4,373.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TSL0918	<b>Miscellaneous</b>	Scraper Kit (DH3280)	861.84
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**FRONTIER PRODUCTS**

Tillage

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**DH3280 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## DH3290 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
iMatch and Quick Coupler Compatible  
(Quick-Attach System)  
Working Width: 90 In.  
Tractor HP Recommendation:  
35 to 75 HP  
Blade Spacing: 9 In.  
Blade Size: 20 In.  
Number of Blades: 20  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/8 In. Hi-Strength Steel

Duty: Standard Duty  
Assembly/Set-Up Time: 15 Minutes  
Approximate Operating Weight: 1250 lbs.  
Shipping Weight: 1400 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3474XF		DH3290 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing	4,460.00
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### ATTACHMENTS FOR FIELD CONVERSION

		<b>Miscellaneous</b> 5TLSLO920     Scraper Kit (DH3290)	894.24
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**FRONTIER PRODUCTS**

Tillage

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**DH3290 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH3299 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category I and II  
iMatch and Quick Coupler Compatible  
(Quick-Attach System)  
Working Width: 100 In.  
Tractor HP Recommendation:  
35 to 75 HP  
Blade Spacing: 9 In.  
Blade Size: 20 In.  
Number of Blades: 22  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/8 In. Hi-Strength Steel

Duty: Standard Duty  
Assembly/Set-Up Time: 15 Minutes  
Approximate Operating Weight: 1318 lbs.  
Shipping Weight: 1468 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3475XF		DH3299 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing	4,994.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TLSLO922	<b>Miscellaneous</b>	Scraper Kit (DH3299)	916.92
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**FRONTIER PRODUCTS**

Tillage

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**DH3299 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing**  
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## FRONTIER PRODUCTS

### Tillage

## DH3409 - 9 Ft. 3-Point Offset Disk Harrow with 24 Blades on 9 In. Spacing

Equipment for Base Machine

3-Point Hitch: Category II and III  
Category II and III Quick Coupler  
Compatible (Quick-Attach System)  
Working Width: 108 In.  
Tractor HP Recommendation:  
60 to 130 HP  
Blade Spacing: 9 In.  
Blade Size: 24 In.  
Number of Blades: 24  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/2 In. Cold Drawn Steel

Duty: Medium Duty  
Assembly/Set-Up Time: 45 Minutes  
Approximate Operating Weight: 2362 lbs.  
Shipping Weight: 2512 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3481XF		DH3409 - 9 Ft. 3-Point Offset Disk Harrow with 24 Blades on 9 In. Spacing	9,710.00
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#### ATTACHMENTS FOR FIELD CONVERSION

		<b>Miscellaneous</b> 5TL924SK     Scraper Kit (DH3409)	1,134.00
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**FRONTIER PRODUCTS**

Tillage

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**DH3409 - 9 Ft. 3-Point Offset Disk Harrow with 24 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

#### DH3474 - 6 Ft. 2 In. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category II and III  
Category II and III Quick Coupler  
Compatible (Quick-Attach System)  
Working Width: 74 In.  
Tractor HP Recommendation:  
60 to 130 HP  
Blade Spacing: 9 In.  
Blade Size: 24 In.  
Number of Blades: 16  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/2 In. Cold Drawn Steel

Duty: Medium Duty  
Assembly/Set-Up Time: 45 Minutes  
Approximate Operating Weight: 1725 lbs.  
Shipping Weight: 1875 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3482XF		DH3474 - 6 Ft. 2 In. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing	6,912.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TL916SK	<b>Miscellaneous</b>	Scraper Kit (DH3474)	820.80
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**FRONTIER PRODUCTS**

Tillage

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**DH3474 - 6 Ft. 2 In. 3-Point Offset Disk Harrow with 16 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

# DH3480 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category II and III  
Category II and III Quick Coupler  
Compatible (Quick-Attach System)  
Working Width: 80 In.  
Tractor HP Recommendation:  
60 to 130 HP  
Blade Spacing: 9 In.  
Blade Size: 24 In.  
Number of Blades: 18  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/2 In. Cold Drawn Steel

Duty: Medium Duty  
Assembly/Set-Up Time: 45 Minutes  
Approximate Operating Weight: 1830 lbs.  
Shipping Weight: 1980 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3483XF		DH3480 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing	7,164.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TL918SK	<b>Miscellaneous</b>	Scraper Kit (DH3480)	865.08
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**FRONTIER PRODUCTS**

Tillage

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**DH3480 - 6 Ft. 8 In. 3-Point Offset Disk Harrow with 18 Blades on 9 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

#### DH3490 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category II and III  
Category II and III Quick Coupler  
Compatible (Quick-Attach System)  
Working Width: 90 In.  
Tractor HP Recommendation:  
60 to 130 HP  
Blade Spacing: 9 In.  
Blade Size: 24 In.  
Number of Blades: 20  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/2 In. Cold Drawn Steel

Duty: Medium Duty  
Assembly/Set-Up Time: 45 Minutes  
Approximate Operating Weight: 2018 lbs.  
Shipping Weight: 2168 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3484XF		DH3490 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing	7,882.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TL920SK	<b>Miscellaneous</b>	Scraper Kit (DH3490)	955.80
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**FRONTIER PRODUCTS**

Tillage

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**DH3490 - 7 Ft. 6 In. 3-Point Offset Disk Harrow with 20 Blades on 9 In. Spacing**  
Continued

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## FRONTIER PRODUCTS

### Tillage

# DH3499 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing Equipment for Base Machine

3-Point Hitch: Category II and III  
Category II and III Quick Coupler  
Compatible (Quick-Attach System)  
Working Width: 99 In.  
Tractor HP Recommendation:  
60 to 130 HP  
Blade Spacing: 9 In.  
Blade Size: 24 In.  
Number of Blades: 22  
Blade Type: Notched  
Sealed Ball Bearings  
Axles: 1-1/2 In. Cold Drawn Steel

Duty: Medium Duty  
Assembly/Set-Up Time: 45 Minutes  
Approximate Operating Weight: 2150 lbs.  
Shipping Weight: 2300 lbs.  
1 Year Warranty

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3485XF		DH3499 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing	8,368.00
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#### ATTACHMENTS FOR FIELD CONVERSION

5TL922SK	<b>Miscellaneous</b>	Scraper Kit (DH3499)	1,020.60
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**FRONTIER PRODUCTS**

Tillage

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**DH3499 - 8 Ft. 4 In. 3-Point Offset Disk Harrow with 22 Blades on 9 In. Spacing**  
Continued

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## FRONTIER PRODUCTS

### Tillage

# DH5108 - 8 Ft. Rigid Single Offset Ag Disk with 19 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 5 In. x 5 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
 26 In. x 5/16 In. Notched (Smooth Optional)  
 28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 323 lbs/blade  
 Gang Axles:  
 1-5/8 In. or 2-1/8 In. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 19  
 Approximate Net Weight: 5,500 Lbs.  
 Approximate Width of Cut: 8 Ft.  
 Transport Width: 9 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 80-90 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 6-Bolt Hubs  
 Tires: (4) 9.5L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 8 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3571XF		DH5108 - 8 Ft. Rigid Single Offset Ag Disk with 19 Blades - U.S.	26,621.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	738.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	738.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	738.00
1080		26 In. Wavy Front and Wavy Rear Blades	263.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,076.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	841.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5108 - 8 Ft. Rigid Single Offset Ag Disk with 19 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	2,295.00



## FRONTIER PRODUCTS

### Tillage

## DH5110 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 5 In. x 5 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 282 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 23  
 Approximate Net Weight: 5,925 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 90-110 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 6-Bolt Hubs  
 Tires: (4) 9.5L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 8 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3572XF	DH5110 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S.	27,923.00
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#### DISK BLADES

1000	26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020	26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030	28 In. Notched Front and Notched Rear Disk Blades	912.00
1040	28 In. Smooth Front and Smooth Rear Disk Blades	912.00
1050	28 In. Notched Front and Smooth Rear Disk Blades	912.00
1080	26 In. Wavy Front and Wavy Rear Blades	317.00
1090	28 In. Wavy Front and Wavy Rear Blades	1,321.00

#### DISK BLADE CONCAVITY

3000	Regular Concavity Blades	In Base Price
3050	Low Concavity Blades	No Added Cost

#### SCRAPERS

5620	Rigid Scrapers	In Base Price
5621	Paddle Scrapers	1,018.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5110 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	3,203.00

## FRONTIER PRODUCTS

### Tillage

# DH5112 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 5 In. x 5 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 255 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 27  
 Approximate Net Weight: 6,365 Lbs.  
 Approximate Width of Cut: 12 Ft.  
 Transport Width: 13 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 110-135 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 6-Bolt Hubs  
 Tires: (4) 9.5L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 8 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3573XF		DH5112 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S.	28,033.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,086.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,086.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,086.00
1080		26 In. Wavy Front and Wavy Rear Blades	373.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,566.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,196.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5112 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	3,533.00

## FRONTIER PRODUCTS

### Tillage

# DH5114 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 5 In. x 5 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 248 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 33  
 Approximate Net Weight: 7,700 Lbs.  
 Approximate Width of Cut: 14 Ft.  
 Transport Width: 15 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 140-160 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 6-Bolt Hubs  
 Tires: (4) 9.5L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 8 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3574XF		DH5114 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.	30,677.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,347.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,347.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,347.00
1080		26 In. Wavy Front and Wavy Rear Blades	457.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,933.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,460.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5114 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	4,014.00

## FRONTIER PRODUCTS

### Tillage

# DH5116 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S. Equipment for Base Machine

Class: General Purpose  
 Frame: 5 In. x 5 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 242 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 37  
 Approximate Net Weight: 8,500 Lbs.  
 Approximate Width of Cut: 16 Ft.  
 Transport Width: 17 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 160-180 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 6-Bolt Hubs  
 Tires: (4) 9.5L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 8 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3575XF		DH5116 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S.	32,457.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,520.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,520.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,520.00
1080		26 In. Wavy Front and Wavy Rear Blades	512.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,179.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,637.00

## FRONTIER PRODUCTS

### Tillage

#### DH5116 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S.

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	7,385.00



## FRONTIER PRODUCTS

### Tillage

# DH5210 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 341 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 23  
 Approximate Net Weight: 7,170 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 100-120 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 11L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3581XF		DH5210 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S.	32,601.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	912.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	912.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	912.00
1080		26 In. Wavy Front and Wavy Rear Blades	317.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,321.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,018.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5210 - 10 Ft. Rigid Single Offset Ag Disk with 23 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	2,391.00

## FRONTIER PRODUCTS

### Tillage

# DH5212 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 308 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 27  
 Approximate Net Weight: 7,690 Lbs.  
 Approximate Width of Cut: 12 Ft.  
 Transport Width: 13 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 100-135 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 11L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3582XF		DH5212 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S.	34,608.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,086.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,086.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,086.00
1080		26 In. Wavy Front and Wavy Rear Blades	373.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,566.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,196.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5212 - 12 Ft. Rigid Single Offset Ag Disk with 27 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	3,488.00

## FRONTIER PRODUCTS

### Tillage

# DH5214 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 274 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 33  
 Approximate Net Weight: 8,500 Lbs.  
 Approximate Width of Cut: 14 Ft.  
 Transport Width: 15 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 125-155 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 11L x 15 In. 8 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3583XF		DH5214 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.	37,044.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,347.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,347.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,347.00
1080		26 In. Wavy Front and Wavy Rear Blades	457.00
1090		28 In. Wavy Front and Wavy Rear Blades	1,933.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,460.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5214 - 14 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	4,052.00

## FRONTIER PRODUCTS

### Tillage

# DH5216 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 288 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 37  
 Approximate Net Weight: 10,100 Lbs.  
 Approximate Width of Cut: 16 Ft.  
 Transport Width: 17 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 150-165 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3584XF		DH5216 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S.	40,138.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,520.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,520.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,520.00
1080		26 In. Wavy Front and Wavy Rear Blades	512.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,179.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,637.00

## FRONTIER PRODUCTS

### Tillage

#### DH5216 - 16 Ft. Rigid Single Offset Ag Disk with 37 Blades - U.S.

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	5,355.00



## FRONTIER PRODUCTS

### Tillage

# DH5217 - 17 Ft. Rigid Single Offset Ag Disk with 41 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 270 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 41  
 Approximate Net Weight: 10,550 Lbs.  
 Approximate Width of Cut: 17 Ft.  
 Transport Width: 18 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 160-180 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3585XF		DH5217 - 17 Ft. Rigid Single Offset Ag Disk with 41 Blades - U.S.	41,326.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,694.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,694.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,694.00
1080		26 In. Wavy Front and Wavy Rear Blades	567.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,423.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,816.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5217 - 17 Ft. Rigid Single Offset Ag Disk with 41 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	5,189.00

## FRONTIER PRODUCTS

### Tillage

# DH5219 - 19 Ft. Rigid Single Offset Ag Disk with 45 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 257 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 45  
 Approximate Net Weight: 11,050 Lbs.  
 Approximate Width of Cut: 19 Ft.  
 Transport Width: 20 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 170-200 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3586XF		DH5219 - 19 Ft. Rigid Single Offset Ag Disk with 45 Blades - U.S.	42,225.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	1,868.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	1,868.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	1,868.00
1080		26 In. Wavy Front and Wavy Rear Blades	623.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,669.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	1,993.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5219 - 19 Ft. Rigid Single Offset Ag Disk with 45 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	6,067.00

## FRONTIER PRODUCTS

### Tillage

## DH5221 - 21 Ft. Rigid Single Offset Ag Disk with 49 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel Tube  
 Disk Blades:  
   26 In. x 5/16 In. Notched (Smooth Optional)  
   28 In. x 5/16 In. Notched (Smooth Optional)  
 Weight Per Disk Blade: 249 lbs/blade  
 Gang Axles:  
   1-5/8 In. or 2-1/8 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 49  
 Approximate Net Weight: 11,700 Lbs.  
 Approximate Width of Cut: 21 Ft.  
 Transport Width: 22 Ft.  
 Disk Spacing: 10-1/2 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 180-210 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
Select One Code From Each Required Category			
<b>BASE MACHINE</b>			
3587XF		DH5221 - 21 Ft. Rigid Single Offset Ag Disk with 49 Blades - U.S.	43,191.00
<b>DISK BLADES</b>			
1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	2,042.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	2,042.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	2,042.00
1080		26 In. Wavy Front and Wavy Rear Blades	678.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,913.00
<b>DISK BLADE CONCAVITY</b>			
3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost
<b>SCRAPERS</b>			
5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	2,169.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5221 - 21 Ft. Rigid Single Offset Ag Disk with 49 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	6,393.00

## FRONTIER PRODUCTS

### Tillage

# DH5221F - 21 Ft. Folding Single Offset Ag Disk with 49 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 in. x 6 in. x 3/8 in. High Strength Steel  
 Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 300 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 49  
 Approximate Net Weight: 14,100 lbs  
 Approximate Width of Cut: 20 ft. 9 in.  
 Transport Width: 12.5 ft.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 180-220 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 in. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 in. x 16 in. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3588XF		DH5221F - 21 Ft. Folding Single Offset Ag Disk with 49 Blades - U.S.	70,861.00
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#### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	2,042.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	2,042.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	2,042.00
1080		26 In. Wavy Front and Wavy Rear Blades	678.00
1090		28 In. Wavy Front and Wavy Rear Blades	2,913.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

#### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	2,169.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5221F - 21 Ft. Folding Single Offset Ag Disk with 49 Blades - U.S.**  
Continued

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<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	8,328.00

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## FRONTIER PRODUCTS

### Tillage

## DH5222F - 22 Ft. Folding Single Offset Ag Disk with 53 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 in. x 6 in. x 3/8 in. High Strength Steel  
 Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 285 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 53  
 Approximate Net Weight: 14,550 lbs  
 Approximate Width of Cut: 22 ft. 4 in.  
 Transport Width: 12.5 ft.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 190-240 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 in. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 in. x 16 in. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

3589XF		DH5222F - 22 Ft. Folding Single Offset Ag Disk with 53 Blades - U.S.	74,237.00
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### DISK BLADES

1000		26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020		26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030		28 In. Notched Front and Notched Rear Disk Blades	2,215.00
1040		28 In. Smooth Front and Smooth Rear Disk Blades	2,215.00
1050		28 In. Notched Front and Smooth Rear Disk Blades	2,215.00
1080		26 In. Wavy Front and Wavy Rear Blades	733.00
1090		28 In. Wavy Front and Wavy Rear Blades	3,158.00

### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
3050		Low Concavity Blades	No Added Cost

### SCRAPERS

5620		Rigid Scrapers	In Base Price
5621		Paddle Scrapers	2,346.00

## FRONTIER PRODUCTS

### Tillage

#### DH5222F - 22 Ft. Folding Single Offset Ag Disk with 53 Blades - U.S.

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	8,664.00

## FRONTIER PRODUCTS

### Tillage

## DH5224F - 24 Ft. Folding Single Offset Ag Disk with 57 Blades - U.S. Equipment for Base Machine

Class: Medium Duty  
 Frame: 6 in. x 6 in. x 3/8 in. High Strength Steel Tube  
 Disk Blades:  
   26 in. x 5/16 in. Notched (Smooth optional)  
   28 in. x 5/16 in. Notched (Smooth optional)  
 Weight Per Disk Blade: 273 lbs/blade  
 Gang Axles:  
   1-5/8 or 2-1/8 in. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 57  
 Approximate Net Weight: 15,000 lbs  
 Approximate Width of Cut: 24 ft.  
 Transport Width: 12.5 ft.  
 Disk Spacing: 10-1/2 in.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 200-260 HP

Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 in. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 in. x 16 in. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 4-6 Hrs For Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

358AXF	DH5224F - 24 Ft. Folding Single Offset Ag Disk with 57 Blades - U.S.	76,439.00
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#### DISK BLADES

1000	26 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	26 In. Smooth Front and Smooth Rear Disk Blades	No Added Cost
1020	26 In. Notched Front and Smooth Rear Disk Blades	No Added Cost
1030	28 In. Notched Front and Notched Rear Disk Blades	2,389.00
1040	28 In. Smooth Front and Smooth Rear Disk Blades	2,389.00
1050	28 In. Notched Front and Smooth Rear Disk Blades	2,389.00
1080	26 In. Wavy Front and Wavy Rear Blades	787.00
1090	28 In. Wavy Front and Wavy Rear Blades	3,403.00

#### DISK BLADE CONCAVITY

3000	Regular Concavity Blades	In Base Price
3050	Low Concavity Blades	No Added Cost

#### SCRAPERS

5620	Rigid Scrapers	In Base Price
5621	Paddle Scrapers	2,524.00

**FRONTIER PRODUCTS**

**Tillage**

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**DH5224F - 24 Ft. Folding Single Offset Ag Disk with 57 Blades - U.S.**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>GANG AXLE COMPONENTS</b>			
2000		1-5/8 In. Axle Components	In Base Price
2010		2-1/8 In. Axle Components	9,024.00

## FRONTIER PRODUCTS

### Tillage

## DH5308 - 8 Ft. Rigid Single Offset Ag Disk with 17 Blades - U.S. Equipment for Base Machine

Class: Heavy Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   28 In. x 3/8 In. Notched  
   30 In. x 3/8 In. Notched  
   32 In. x 3/8 In. Notched  
 Weight Per Disk Blade: 533 lbs/blade  
 Gang Axles:  
   2-1/2 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 17  
 Approximate Net Weight: 8,000 Lbs.  
 Approximate Width of Cut: 8 Ft.  
 Transport Width: 9 Ft.  
 Disk Spacing: 12 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable

Recommended Drawbar HP: 100-130 HP  
 Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3591XF		DH5308 - 8 Ft. Rigid Single Offset Ag Disk with 17 Blades - U.S.	40,106.00
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#### DISK BLADES

1030		28 In. Notched Front and Notched Rear Disk Blades	In Base Price
1060		30 In. Notched Front and Notched Rear Disk Blades	1,389.00
1070		32 In. Notched Front and Notched Rear Disk Blades	1,631.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
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#### GANG AXLE COMPONENTS

2020		2-1/2 In. Axle Components	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5308 - 8 Ft. Rigid Single Offset Ag Disk with 17 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

# DH5310 - 10 Ft. Rigid Single Offset Ag Disk with 21 Blades - U.S. Equipment for Base Machine

Class: Heavy Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
 28 In. x 3/8 In. Notched  
 30 In. x 3/8 In. Notched  
 32 In. x 3/8 In. Notched  
 Weight Per Disk Blade: 449 lbs/blade  
 Gang Axles:  
 2-1/2 In. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 21  
 Approximate Net Weight: 8,525 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 12 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable

Recommended Drawbar HP: 120-150 HP  
 Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3592XF		DH5310 - 10 Ft. Rigid Single Offset Ag Disk with 21 Blades - U.S.	44,379.00
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#### DISK BLADES

1030		28 In. Notched Front and Notched Rear Disk Blades	In Base Price
1060		30 In. Notched Front and Notched Rear Disk Blades	1,520.00
1070		32 In. Notched Front and Notched Rear Disk Blades	1,691.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
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#### GANG AXLE COMPONENTS

2020		2-1/2 In. Axle Components	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5310 - 10 Ft. Rigid Single Offset Ag Disk with 21 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

# DH5312 - 12 Ft. Rigid Single Offset Ag Disk with 25 Blades - U.S. Equipment for Base Machine

Class: Heavy Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
 28 In. x 3/8 In. Notched  
 30 In. x 3/8 In. Notched  
 32 In. x 3/8 In. Notched  
 Weight Per Disk Blade: 397 lbs/blade  
 Gang Axles:  
 2-1/2 In. Round  
 Heat Treated High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 25  
 Approximate Net Weight: 9,140 Lbs.  
 Approximate Width of Cut: 12 Ft.  
 Transport Width: 13 Ft.  
 Disk Spacing: 12 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable

Recommended Drawbar HP: 140-170 HP  
 Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3593XF		DH5312 - 12 Ft. Rigid Single Offset Ag Disk with 25 Blades - U.S.	44,837.00
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#### DISK BLADES

1030		28 In. Notched Front and Notched Rear Disk Blades	In Base Price
1060		30 In. Notched Front and Notched Rear Disk Blades	1,177.00
1070		32 In. Notched Front and Notched Rear Disk Blades	1,872.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
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#### GANG AXLE COMPONENTS

2020		2-1/2 In. Axle Components	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5312 - 12 Ft. Rigid Single Offset Ag Disk with 25 Blades - U.S.**  
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## FRONTIER PRODUCTS

### Tillage

# DH5314 - 14 Ft. Rigid Single Offset Ag Disk with 29 Blades - U.S. Equipment for Base Machine

Class: Heavy Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   28 In. x 3/8 In. Notched  
   30 In. x 3/8 In. Notched  
   32 In. x 3/8 In. Notched  
 Weight Per Disk Blade: 362 lbs/blade  
 Gang Axles:  
   2-1/2 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 29  
 Approximate Net Weight: 10,450 Lbs.  
 Approximate Width of Cut: 14 Ft.  
 Transport Width: 15 Ft.  
 Disk Spacing: 12 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable

Recommended Drawbar HP: 170-200 HP  
 Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3594XF		DH5314 - 14 Ft. Rigid Single Offset Ag Disk with 29 Blades - U.S.	47,997.00
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#### DISK BLADES

1030		28 In. Notched Front and Notched Rear Disk Blades	In Base Price
1060		30 In. Notched Front and Notched Rear Disk Blades	1,732.00
1070		32 In. Notched Front and Notched Rear Disk Blades	2,283.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
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#### GANG AXLE COMPONENTS

2020		2-1/2 In. Axle Components	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5314 - 14 Ft. Rigid Single Offset Ag Disk with 29 Blades - U.S.**  
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## FRONTIER PRODUCTS

### Tillage

# DH5316 - 16 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S. Equipment for Base Machine

Class: Heavy Duty  
 Frame: 6 In. x 6 In. x 3/8 In. High Strength Steel  
 Tube  
 Disk Blades:  
   28 In. x 3/8 In. Notched  
   30 In. x 3/8 In. Notched  
   32 In. x 3/8 In. Notched  
 Weight Per Disk Blade: 337 lbs/blade  
 Gang Axles:  
   2-1/2 In. Round  
   Heat Treated High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 33  
 Approximate Net Weight: 11,100 Lbs.  
 Approximate Width of Cut: 16 Ft.  
 Transport Width: 17 Ft.  
 Disk Spacing: 12 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable

Recommended Drawbar HP: 180-210 HP  
 Wheel Hub Bearings: Dual Tapered Roller Bearings  
 Wheels: 8-Bolt Hubs  
 Tires: (4) 12.5L x 15 In. 10 ply Implement  
 Front and Rear Gang Angles: 2 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 16 In. Hydraulic Lift Cylinder  
 Hitch Type: Spade  
 Set Up Time: 2-3 Hours for Two People

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3595XF		DH5316 - 16 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.	53,113.00
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#### DISK BLADES

1030		28 In. Notched Front and Notched Rear Disk Blades	In Base Price
1060		30 In. Notched Front and Notched Rear Disk Blades	1,920.00
1070		32 In. Notched Front and Notched Rear Disk Blades	2,585.00

#### DISK BLADE CONCAVITY

3000		Regular Concavity Blades	In Base Price
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#### GANG AXLE COMPONENTS

2020		2-1/2 In. Axle Components	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5316 - 16 Ft. Rigid Single Offset Ag Disk with 33 Blades - U.S.**  
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## FRONTIER PRODUCTS

### Tillage

## DH5410 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 7 In. x 7 In. x 3/8 In.  
 High Strength Steel Tube  
 Disk Blades:  
 30 In. x 1/2 In. Notched  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 583 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 18  
 Approximate Net Weight: 10,500 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 13 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 175-225 HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings

Wheels: 10-Bolt Hubs  
 Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3601XF	DH5410 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S.	62,085.00
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#### DISK BLADES

1000	30 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	32 In. Notched Front and Notched Rear Disk Blades	881.00

**FRONTIER PRODUCTS**

Tillage

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**DH5410 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5411 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 7 In. x 7 In. x 3/8 In.  
 High Strength Steel Tube  
 Disk Blades:  
 30 In. x 1/2 In. Notched  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 543 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 20  
 Approximate Net Weight: 10,875 Lbs.  
 Approximate Width of Cut: 11 Ft.  
 Transport Width: 12 Ft.  
 Disk Spacing: 13 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 200-225 HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings

Wheels: 10-Bolt Hubs  
 Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3611XF	DH5411 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S.	62,442.00
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#### DISK BLADES

1000	30 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	32 In. Notched Front and Notched Rear Disk Blades	1,003.00

**FRONTIER PRODUCTS**

Tillage

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**DH5411 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5412 - 12 Ft. Rigid Single Offset Disk with 22 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 7 In. x 7 In. x 3/8 In.  
 High Strength Steel Tube  
 Disk Blades:  
 30 In. x 1/2 In. Notched  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 534 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 22  
 Approximate Net Weight: 11,755 Lbs.  
 Approximate Width of Cut: 12 Ft.  
 Transport Width: 13 Ft.  
 Disk Spacing: 13 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 225-250 HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings

Wheels: 10-Bolt Hubs  
 Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3621XF	DH5412 - 12 Ft. Rigid Single Offset Disk with 22 Blades - U.S.	63,422.00
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#### DISK BLADES

1000	30 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	32 In. Notched Front and Notched Rear Disk Blades	1,003.00

**FRONTIER PRODUCTS**

Tillage

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**DH5412 - 12 Ft. Rigid Single Offset Disk with 22 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5413 - 13 Ft. Rigid Single Offset Disk with 24 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 7 In. x 7 In. x 3/8 In.  
 High Strength Steel Tube  
 Disk Blades:  
   30 In. x 1/2 In. Notched  
   32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 527 Lbs./Blade  
 Gang Axles:  
   2-1/2 In. Round Heat Treated  
   High Strength Alloy Steel  
   Threaded on Both Ends  
 Number of Disks: 24  
 Approximate Net Weight: 12,650 Lbs.  
 Approximate Width of Cut: 13 Ft.  
 Transport Width: 14 Ft.  
 Disk Spacing: 13 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 275-300 HP  
 Wheel Hub Bearings:  
   Dual Tapered Roller Bearings

Wheels: 10-Bolt Hubs  
 Tires: (2) 385/65R22.5 Super Single  
   Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
   Oil Bath in Heavy Ductile Iron Cast Housing  
   Back to Back Timken Tapered Roller Bearings  
   Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
   Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
   1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3631XF	DH5413 - 13 Ft. Rigid Single Offset Disk with 24 Blades - U.S.	64,720.00
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#### DISK BLADES

1000	30 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010	32 In. Notched Front and Notched Rear Disk Blades	1,151.00

**FRONTIER PRODUCTS**

Tillage

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**DH5413 - 13 Ft. Rigid Single Offset Disk with 24 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5414 - 14 Ft. Rigid Single Offset Disk with 26 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 7 In. x 7 In. x 3/8 In.  
 High Strength Steel Tube  
 Disk Blades:  
 30 In. x 1/2 In. Notched  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 503 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 26  
 Approximate Net Weight: 13,100 Lbs.  
 Approximate Width of Cut: 14 Ft.  
 Transport Width: 15 Ft.  
 Disk Spacing: 13 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 300+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings

Wheels: 10-Bolt Hubs  
 Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3641XF		DH5414 - 14 Ft. Rigid Single Offset Disk with 26 Blades - U.S.	65,686.00
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#### DISK BLADES

1000		30 In. Notched Front and Notched Rear Disk Blades	In Base Price
1010		32 In. Notched Front and Notched Rear Disk Blades	1,260.00

**FRONTIER PRODUCTS**

Tillage

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**DH5414 - 14 Ft. Rigid Single Offset Disk with 26 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5510 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 639 Lbs/Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 18  
 Approximate Net Weight: 11,500 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 14 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 200+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3651XF		DH5510 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S.	64,538.00
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#### DISK BLADES

1010		32 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5510 - 10 Ft. Rigid Single Offset Disk with 18 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5511 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 600 Lbs/Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 20  
 Approximate Net Weight: 12,000 Lbs.  
 Approximate Width of Cut: 11 Ft.  
 Transport Width: 12 Ft.  
 Disk Spacing: 14 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 225+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3661XF	DH5511 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S.	65,860.00
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#### DISK BLADES

1010	32 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5511 - 11 Ft. Rigid Single Offset Disk with 20 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5513 - 12 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 568 Lbs/Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 22  
 Approximate Net Weight: 12,500 Lbs.  
 Approximate Width of Cut: 12 Ft. 6 In.  
 Transport Width: 13 Ft. 6 In.  
 Disk Spacing: 14 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 250+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3671XF	DH5513 - 12 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S.	67,975.00
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#### DISK BLADES

1010	32 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5513 - 12 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5514 - 13 Ft. 9 In. Rigid Single Offset Disk with 24 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 32 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 554 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 24  
 Approximate Net Weight: 13,300 Lbs.  
 Approximate Width of Cut: 13 Ft. 9 In.  
 Transport Width: 14 Ft. 9 In.  
 Disk Spacing: 14 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 300+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3681XF		DH5514 - 13 Ft. 9 In. Rigid Single Offset Disk with 24 Blades - U.S.	70,144.00
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#### DISK BLADES

1010		32 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5514 - 13 Ft. 9 In. Rigid Single Offset Disk with 24 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5610 - 10 Ft. Rigid Single Offset Disk with 16 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 36 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 868 Lbs./Blade  
 Gang Axles:  
 2-1/2 In. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 16  
 Approximate Net Weight: 13,900 Lbs.  
 Approximate Width of Cut: 10 Ft.  
 Transport Width: 11 Ft.  
 Disk Spacing: 17 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 225+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3691XF		DH5610 - 10 Ft. Rigid Single Offset Disk with 16 Blades - U.S.	67,422.00
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#### DISK BLADES

1020		36 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5610 - 10 Ft. Rigid Single Offset Disk with 16 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## DH5612 - 11 Ft. 6 In. Rigid Single Offset Disk with 18 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
     High Strength Steel Tube  
 Disk Blades:  
     36 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 806 Lbs./Blade  
 Gang Axles:  
     2-1/2 In. Round Heat Treated  
     High Strength Alloy Steel  
     Threaded on Both Ends  
 Number of Disks: 18  
 Approximate Net Weight: 14,500 Lbs.  
 Approximate Width of Cut: 11 Ft. 6 In.  
 Transport Width: 12 Ft. 6 In.  
 Disk Spacing: 17 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 275+ HP  
 Wheel Hub Bearings:  
     Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
     Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
     Oil Bath in Heavy Ductile Iron Cast Housing  
     Back to Back Timken Tapered Roller Bearings  
     Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
     Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
     1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3701XF	DH5612 - 11 Ft. 6 In. Rigid Single Offset Disk with 18 Blades - U.S.	70,482.00
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#### DISK BLADES

1020	36 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5612 - 11 Ft. 6 In. Rigid Single Offset Disk with 18 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5613 - 13 Ft. Rigid Single Offset Disk with 20 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 36 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 760 Lbs./Blade  
 Gang Axles:  
 2-1/2 in. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 20  
 Approximate Net Weight: 15,200 Lbs.  
 Approximate Width of Cut: 13 Ft.  
 Transport Width: 14 Ft.  
 Disk Spacing: 17 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 325+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3711XF		DH5613 - 13 Ft. Rigid Single Offset Disk with 20 Blades - U.S.	71,307.00
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#### DISK BLADES

1020		36 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5613 - 13 Ft. Rigid Single Offset Disk with 20 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### DH5615 - 14 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S. Equipment for Base Machine

Class: Construction Duty  
 Frame: 8 In. x 8 In. x 1/2 In.  
 High Strength Steel Tube  
 Disk Blades:  
 36 In. x 1/2 In. Notched  
 Weight Per Disk Blade: 722 Lbs./Blade  
 Gang Axles:  
 2-1/2 in. Round Heat Treated  
 High Strength Alloy Steel  
 Threaded on Both Ends  
 Number of Disks: 22  
 Approximate Net Weight: 15,900 Lbs.  
 Approximate Width of Cut: 14 Ft. 6 In.  
 Transport Width: 15 Ft. 6 In.  
 Disk Spacing: 17 In.  
 Disk Standards: Rigid, Welded Reinforced  
 Disk Scrapers: Rigid, Adjustable  
 Recommended Drawbar HP: 350+ HP  
 Wheel Hub Bearings:  
 Dual Tapered Roller Bearings  
 Wheels: 10-Bolt Hubs

Tires: (2) 385/65R22.5 Super Single  
 Radial, Heavy Industrial  
 Front and Rear Gang Angles: 3 Positions  
 Disk Gang Bearing Type:  
 Oil Bath in Heavy Ductile Iron Cast Housing  
 Back to Back Timken Tapered Roller Bearings  
 Floating Duo-Cone Seals  
 Bearing Wear Plates: Standard  
 Hydraulics: 5 In. x 20 In. Hydraulic  
 Lift Cylinder  
 Hitch Type: Pintle  
 Set Up Time: 2-3 Hrs. For Two People  
 Warranty: 6 Months Construction /  
 1 Year Agricultural

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

3721XF		DH5615 - 14 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S.	73,703.00
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#### DISK BLADES

1020		36 In. Notched Front and Notched Rear Disk Blades	In Base Price
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**FRONTIER PRODUCTS**

Tillage

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**DH5615 - 14 Ft. 6 In. Rigid Single Offset Disk with 22 Blades - U.S.**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## SR1201 - Single Shank Category 1 Shank Ripper Equipment for Base Machine

Shank Quantity: 1  
Hitch: Category 1  
Weight: 222 lbs Standard, 236 lbs Option  
Shank Length: 24 in., Optional 28 in.  
Max. Working Depth: 14 in., 18 in. with 28 in. long shank  
Shank Type: Parabolic  
Shank Thickness: 1 1/4 in.  
Frame Size: 7 in. X 5 in. Rectangular Tube

Shear Bolt Protected: Yes  
Ripper Point Material: Heat Treated Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2571XF	SR1201 - Single Shank Category 1 Shank Ripper	1,185.00
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#### SHANK SIZE

7301	SR12 24 IN. LONG SHANK	No Added Cost
7302	SR12 28 IN. LONG SHANK	39.00

#### DESTINATION

0202	UNITED STATES	No Added Cost
0184	CANADA	No Added Cost
0205	QUEBEC, CANADA	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	SR12 ENGLISH OM/DECAL KIT	No Added Cost
0413	SR12 FRENCH OM/DECAL KIT	No Added Cost
0437	SR12 SPANISH OM/DECAL KIT	No Added Cost

#### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>		
5TL16324	SR12 24 IN. LONG SHANK	326.16
5TL16325	SR12 28 IN. LONG SHANK	368.28
5TL16337	SR12 FRENCH OM/DECAL KIT	59.36
5TL16338	SR12 SPANISH OM/DECAL KIT	59.36

**FRONTIER PRODUCTS**

Tillage

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**SR1201 - Single Shank Category 1 Shank Ripper**  
Continued

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## FRONTIER PRODUCTS

### Tillage

#### SR1202 - Two Shank Category 2 Shank Ripper Equipment for Base Machine

Shank Quantity: 2  
Hitch: Category 2  
Weight: 466 lbs Standard, 494 lbs Option  
Shank Length: 24 in., Optional 28 in.  
Max. Working Depth: 14 in., 18 in. with 28 in. long  
shank  
Shank Type: Parabolic  
Shank Thickness: 1 1/4 in.  
Frame Size: 7 in. X 5 in. Rectangular Tube

Shear Bolt Protected: Yes  
Ripper Point Material: Heat Treated Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2581XF		SR1202 - Two Shank Category 2 Shank Ripper	2,060.00
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#### SHANK SIZE

7301		SR12 24 IN. LONG SHANK	No Added Cost
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7302		SR12 28 IN. LONG SHANK	77.00
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#### DESTINATION

0202		UNITED STATES	No Added Cost
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0184		CANADA	No Added Cost
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0205		QUEBEC, CANADA	No Added Cost
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#### OPERATOR'S MANUAL AND DECALS

0409		SR12 ENGLISH OM/DECAL KIT	No Added Cost
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0413		SR12 FRENCH OM/DECAL KIT	No Added Cost
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0437		SR12 SPANISH OM/DECAL KIT	No Added Cost
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#### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL16324	SR12 24 IN. LONG SHANK	326.16
5TL16325	SR12 28 IN. LONG SHANK	368.28
5TL16337	SR12 FRENCH OM/DECAL KIT	59.36
5TL16338	SR12 SPANISH OM/DECAL KIT	59.36

**FRONTIER PRODUCTS**

Tillage

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**SR1202 - Two Shank Category 2 Shank Ripper**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## SR1203 - Three Shank Category 2 Shank Ripper Equipment for Base Machine

Shank Quantity: 3  
Hitch: Category 2  
Weight: 892 lbs Standard, 934 lbs Option  
Shank Length: 24 in., Optional 28 in.  
Max. Working Depth: 14 in., 18 in. with 28 in. long shank  
Shank Type: Parabolic  
Shank Thickness: 1 1/4 in.  
Frame Size: Double Bar 7 in. x 5 in. & 5 in. x 3 in.

Shear Bolt Protected: Yes  
Ripper Point Material: Heat Treated Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2591XF	SR1203 - Three Shank Category 2 Shank Ripper		3,394.00
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#### SHANK SIZE

7301	SR12 24 IN. LONG SHANK		No Added Cost
7302	SR12 28 IN. LONG SHANK		116.00

#### DESTINATION

0202	UNITED STATES		No Added Cost
0184	CANADA		No Added Cost
0205	QUEBEC, CANADA		No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	SR12 ENGLISH OM/DECAL KIT		No Added Cost
0413	SR12 FRENCH OM/DECAL KIT		No Added Cost
0437	SR12 SPANISH OM/DECAL KIT		No Added Cost

#### ATTACHMENTS FOR FIELD CONVERSION

	<b>Miscellaneous</b>		
5TL16324	SR12 24 IN. LONG SHANK		326.16
5TL16325	SR12 28 IN. LONG SHANK		368.28
5TL16337	SR12 FRENCH OM/DECAL KIT		59.36
5TL16338	SR12 SPANISH OM/DECAL KIT		59.36

**FRONTIER PRODUCTS**

Tillage

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**SR1203 - Three Shank Category 2 Shank Ripper**  
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## FRONTIER PRODUCTS

### Tillage

## CP1148L - 4 ft. Cultipacker with 9.5 in. Wheels Equipment for Base Machine

Working Width: 4 ft.  
Hitch: Limited Category 1  
Tractor HP Range: 20-40 hp  
Overall Dimensions: H 32 in. x W 56 in. x L 19 in.  
Weight: 310 lbs  
Wheel Size: 9.5 in.  
Wheel Material: Cast Iron  
Wheel Type: Notched

Main Frame: Heavy Duty 2" Square Tube Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

2501XF		CP1148L - 4 ft. Cultipacker with 9.5 in. Wheels	1,236.00
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### DESTINATION

0202		U.S. CP11L/CP15-Series	In Base Price
0184		Canada CP11L/CP15-Series	No Added Cost
0205		Quebec, Canada CP11L/CP15-Series	No Added Cost

### OPERATOR'S MANUAL AND DECALS

0409		CP11L/CP15 ENGLISH OM/DECAL KIT	In Base Price
0413		CP11L/CP15 FRENCH OM/DECAL KIT	No Added Cost
0437		CP11L/CP15 SPANISH OM/DECAL KIT	No Added Cost

### ATTACHMENTS - ORDER AS DESIRED

905P		SCRAPER KIT <i>CP1148L SCRAPER KIT - 5TSLKCP1148L</i>	265.00
905R		Tongue and Wheel Kit <i>CP1148L &amp; CP1172L - 5TL16320</i>	355.00

### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous			
5TSLKCP1148L	CP1148L SCRAPER KIT		286.20
5TL16335	CP11L/CP15 FRENCH OM/DECAL KIT		57.12
5TL16336	CP11L/CP15 SPANISH OM/DECAL KIT		57.12
5TL16320	Tongue and Wheel Kit		383.40

**FRONTIER PRODUCTS**

Tillage

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**CP1148L - 4 ft. Cultipacker with 9.5 in. Wheels**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## CP1172L - 6 ft. Cultipacker with 9.5 in. Wheels

Equipment for Base Machine

Working Width: 6 ft.  
Hitch: Limited Category 1  
Tractor HP Range: 20-40 hp  
Overall Dimensions: H 32 in. x W 80 in. x L 19 in.  
Weight: 412 lbs  
Wheel Size: 9.5 in.  
Wheel Material: Cast Iron  
Wheel Type: Notched

Main Frame: Heavy Duty 2" Square Tube Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2511XF	CP1172L - 6 ft. Cultipacker with 9.5 in. Wheels	1,916.00
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#### DESTINATION

0202	U.S. CP11L/CP15-Series	In Base Price
0184	Canada CP11L/CP15-Series	No Added Cost
0205	Quebec, Canada CP11L/CP15-Series	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	CP11L/CP15 ENGLISH OM/DECAL KIT	In Base Price
0413	CP11L/CP15 FRENCH OM/DECAL KIT	No Added Cost
0437	CP11L/CP15 SPANISH OM/DECAL KIT	No Added Cost

#### ATTACHMENTS - ORDER AS DESIRED

905P	SCRAPER KIT <i>CP1172L SCRAPER KIT - 5TSLKCP1172L</i>	341.00
905R	Tongue and Wheel Kit <i>CP1148L &amp; CP1172L - 5TL16320</i>	355.00

#### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>		
5TSLKCP1172L	CP1172L SCRAPER KIT	368.28
5TL16335	CP11L/CP15 FRENCH OM/DECAL KIT	57.12
5TL16336	CP11L/CP15 SPANISH OM/DECAL KIT	57.12
5TL16320	Tongue and Wheel Kit	383.40

**FRONTIER PRODUCTS**

Tillage

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**CP1172L - 6 ft. Cultipacker with 9.5 in. Wheels**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## CP1572 - 6 ft. Cultipacker with 16 in. Wheels Equipment for Base Machine

Working Width: 6 ft.  
Hitch: Category 1  
Tractor HP Range: 30-70 hp  
Overall Dimensions: H 45 in. x W 83 in. x L 22 in.  
Weight: 860 lbs  
Wheel Size: 16 in.  
Wheel Material: Cast Iron  
Wheel Type: Notched

Main Frame: Heavy Duty 4" Square Tube Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2531XF	CP1572 - 6 ft. Cultipacker with 16 in. Wheels	2,890.00
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#### DESTINATION

0202	U.S. CP11L/CP15-Series	In Base Price
0184	Canada CP11L/CP15-Series	No Added Cost
0205	Quebec, Canada CP11L/CP15-Series	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	CP11L/CP15 ENGLISH OM/DECAL KIT	In Base Price
0413	CP11L/CP15 FRENCH OM/DECAL KIT	No Added Cost
0437	CP11L/CP15 SPANISH OM/DECAL KIT	No Added Cost

#### ATTACHMENTS - ORDER AS DESIRED

905P	SCRAPER KIT <i>CP1572 SCRAPER KIT - 5TLSKCP1572</i>	201.00
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#### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous		
5TL16335	CP11L/CP15 FRENCH OM/DECAL KIT	57.12
5TL16336	CP11L/CP15 SPANISH OM/DECAL KIT	57.12
5TLSKCP1572	CP1572 SCRAPER KIT	217.08

**FRONTIER PRODUCTS**

Tillage

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**CP1572 - 6 ft. Cultipacker with 16 in. Wheels**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## CP1596 - 8 ft. Cultipacker with 16 in. Wheels Equipment for Base Machine

Working Width: 8 ft.  
Hitch: Category 1 & 2  
Tractor HP Range: 30-125 hp  
Overall Dimensions: H 45 in. x W 107 in. x L 22 in.  
Weight: 1068 lbs  
Wheel Size: 16 in.  
Wheel Material: Cast Iron  
Wheel Type: Notched

Main Frame: Heavy Duty 4" Square Tube Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

2541XF	CP1596 - 8 ft. Cultipacker with 16 in. Wheels		3,492.00
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#### DESTINATION

0202	U.S. CP11L/CP15-Series		In Base Price
0184	Canada CP11L/CP15-Series		No Added Cost
0205	Quebec, Canada CP11L/CP15-Series		No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	CP11L/CP15 ENGLISH OM/DECAL KIT		In Base Price
0413	CP11L/CP15 FRENCH OM/DECAL KIT		No Added Cost
0437	CP11L/CP15 SPANISH OM/DECAL KIT		No Added Cost

#### ATTACHMENTS - ORDER AS DESIRED

905P	SCRAPER KIT <i>CP1596 SCRAPER KIT - 5TLSKCP1596</i>		271.00
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#### ATTACHMENTS FOR FIELD CONVERSION

<b>Miscellaneous</b>			
5TL16335	CP11L/CP15 FRENCH OM/DECAL KIT		57.12
5TL16336	CP11L/CP15 SPANISH OM/DECAL KIT		57.12
5TLSKCP1596	CP1596 SCRAPER KIT		292.68

**FRONTIER PRODUCTS**

Tillage

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**CP1596 - 8 ft. Cultipacker with 16 in. Wheels**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## CP1512 - 12 ft. Cultipacker with 16 in. Wheels Equipment for Base Machine

Working Width: 12 ft.  
Hitch: Category 2  
Tractor HP Range: 50-125 hp  
Overall Dimensions: H 45 in. x W 161 in. x L 22 in.  
Weight: 1640 lbs  
Wheel Size: 16 in.  
Wheel Material: Cast Iron  
Wheel Type: Notched

Main Frame: Heavy Duty 4" Square Tube Steel  
Warranty: 1 Year

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

2521XF		CP1512 - 12 ft. Cultipacker with 16 in. Wheels	6,450.00
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### DESTINATION

0202		U.S. CP11L/CP15-Series	In Base Price
0184		Canada CP11L/CP15-Series	No Added Cost
0205		Quebec, Canada CP11L/CP15-Series	No Added Cost

### OPERATOR'S MANUAL AND DECALS

0409		CP11L/CP15 ENGLISH OM/DECAL KIT	In Base Price
0413		CP11L/CP15 FRENCH OM/DECAL KIT	No Added Cost
0437		CP11L/CP15 SPANISH OM/DECAL KIT	No Added Cost

### ATTACHMENTS - ORDER AS DESIRED

905P		SCRAPER KIT <i>CP1512 SCRAPER KIT - 5TLSKCP1512</i>	396.00
905W		Safety Light Kit <i>CP1512 - 5TL16323</i>	550.00

### ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous			
5TL16335	CP11L/CP15 FRENCH OM/DECAL KIT		57.12
5TL16336	CP11L/CP15 SPANISH OM/DECAL KIT		57.12
5TLSKCP1512	CP1512 SCRAPER KIT		427.68
5TL16323	Safety Light Kit		594.00

**FRONTIER PRODUCTS**

Tillage

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**CP1512 - 12 ft. Cultipacker with 16 in. Wheels**  
Continued

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## FRONTIER PRODUCTS

### Tillage

## VT1710 - 10 Ft. 6 In. Vertical Tillage Tool with 32 Blades on 7.5 In. Spacing Equipment for Base Machine

<p>Hitch: Drawn Level Lift with Clevis and Jack Hitch Safety Chain: Standard Hydraulics: 4 In. x 8 In. Cylinder with 160 In. of Hydraulic Hose Depth Control: Center Mounted Pin Adjustment Tires: Standard (Dual 11L-15) Working Width: 10 Ft. 6 In. Transport Width: 11 Ft. 8 In. Blade Spacing: 7.5 In. Tractor HP: 80-110 HP Shipping Weight: 6380 lbs. Approximate Operating Weight: 5980 lbs. Number of Blades: 32 Blade Size: 20 or 22 In. Diameter Blade Thickness: 5 mm (0.197 In.) or 6 mm (0.236) Frame: 4 In. X 6 In. X 0.25 In. Front and 4 In. X 4 In. X 0.25 In. Rear, Square Tube Frame Gang Tubing: 4 In. X 4 In. X 0.25 In. Square Tube</p>	<p>Bearing Hanger: Shock Flex C-Hanger 2 Bolt Front 1 Bolt Rear Bearing Type: Self Aligning Sealed Ball Bearing in a Trunnion Mount Gang Axle: 1-1/8 In. Square Front Gang Angles: 0, 3, 6, 9, 12, 15 Degrees Rear Gang Angles: 0, 3, 6, 9, 12, 15 Degrees 14" Rolling Basket with adjustable downpressure Light Kit Approximate Assembly Time: 6 hrs</p>
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Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

1801XF	VT1710 - 10 Ft. 6 In. Vertical Tillage Tool with 32 Blades on 7.5 In. Spacing	21,202.00
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#### DISK BLADES

5701	VT17 22"X.197" Sharp Concave Disk	3,566.00
5711	VT17 20"X.296" Flat Fluted Disk	2,568.00

#### DESTINATION

0202	United States	In Base Price
0184	Canada	No Added Cost
0205	Quebec, Canada	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409	English Operator's Manual and Decal Kit	In Base Price
0413	French Operator's Manual and Decal Kit	No Added Cost
0437	Spanish Operator's Manual and Decal Kit	No Added Cost

#### DISK GANG BEARING STYLE

5911	VT17 BEARING 1.125" SHAFT SEALED	In Base Price
5901	VT17 BEARING 1.125" SHAFT RELUBE-12	392.00

## FRONTIER PRODUCTS

### Tillage

## VT1710 - 10 Ft. 6 In. Vertical Tillage Tool with 32 Blades on 7.5 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG ANGLE OPTION</b>			
7240		0-12 Degree Gang Angle	In Base Price
7241		0-5 Degree Gang Angle for VT1710 and VT1712	No Added Cost
<b>SCRAPERS</b>			
9891		Scraper Kit for Disk Blades	1,066.00
9881		Scraper Kit for Furrow Fillers	121.00
<b>OPERATOR'S MANUAL AND DECALS</b>			
904J		FRENCH OM/DECAL KIT	54.00
904V		SPANISH OM/DECAL KIT	54.00
<b>MIDDLE BREAKER</b>			
9221		Middle Breaker	294.00
<b>MISCELLANEOUS</b>			
9473		Furrow Filler Kit - 20" Disk Blade <i>Furrow Fill Kit is only to be ordered with 20" Blade Options (5TL220236VTF)</i>	254.00
9474		Furrow Filler Kit - 22" Disk Blade <i>Furrow Filler Kit is only to be ordered with 22" Blade Options (5TL222197VTR)</i>	260.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5TL16249		<b>Disk Gang Angle Option</b> 0-5 Degree Gang Angle for VT1710 or VT1712	54.88
5TL11476VT		<b>Middle Breaker</b> VT17 Series Middle Breaker	317.52
5TLT70316VT		<b>Miscellaneous</b> VT17 Series Furrow Fillers for 20 in. Blade	274.32
5TLT70318VT		VT17 Series Furrow Fillers for 22" Blade	280.80
5TL15169VT		VT17 Series Scraper Kit for Furrow Fillers	See Parts
5TL16159		<b>Operator's Manual And Decals</b> VT17 Series French Operator's Manual and Decal Kit	60.48
5TL16160		VT17 Series Spanish Operator's Manual and Decal Kit	60.48

## FRONTIER PRODUCTS

### Tillage

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## VT1710 - 10 Ft. 6 In. Vertical Tillage Tool with 32 Blades on 7.5 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>ATTACHMENTS FOR FIELD CONVERSION ...Continued...</b>			
		<b>Scrapers</b>	
	5TLSK7327	VT1710 Scraper Kit	1,151.28

**FRONTIER PRODUCTS**

**Tillage**

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**VT1710 - 10 Ft. 6 In. Vertical Tillage Tool with 32 Blades on 7.5 In. Spacing**

Continued

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## FRONTIER PRODUCTS

### Tillage

# VT1712 - 12 Ft Vertical Tillage Tool with 36 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 4 In. x 8 In. Cylinder  
with 160 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (Dual 11L-15)  
Working Width: 12 Ft. 0 In.  
Transport Width: 13 Ft. 8 In.  
Blade Spacing: 7.5 In.  
Tractor HP: 95-120 HP  
Shipping Weight: 7264 lbs.  
Approximate Operating Weight: 6864 lbs.  
Number of Blades: 36  
Blade Size: 20 or 22 In. Diameter  
Blade Thickness: 5 mm (0.197 In.) or 6 mm (0.236)  
Frame: 4 In. X 6 In. X 0.25 In. Front and 4 In. X 4  
In. X 0.25 In. Rear, Square Tube Frame  
Gang Tubing: 4 In. X 4 In. X 0.25 In. Square Tube

Bearing Hanger:  
Shock Flex C-Hanger  
2 Bolt Front 1 Bolt Rear  
Bearing Type:  
Self Aligning Sealed  
Ball Bearing in a Trunnion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
Rear Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
14" Rolling Basket with adjustable downpressure  
Light Kit  
Approximate Assembly Time: 6 hrs

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

1812XF		VT1712 - 12 Ft Vertical Tillage Tool with 36 Blades on 7.5 In. Spacing	21,832.00
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#### DISK BLADES

5701		VT17 22"X.197" Sharp Concave Disk	4,012.00
5711		VT17 20"X.296" Flat Fluted Disk	2,889.00

#### DESTINATION

0202		United States	In Base Price
0184		Canada	No Added Cost
0205		Quebec, Canada	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409		English Operator's Manual and Decal Kit	In Base Price
0413		French Operator's Manual and Decal Kit	No Added Cost
0437		Spanish Operator's Manual and Decal Kit	No Added Cost

#### DISK GANG BEARING STYLE

5911		VT17 BEARING 1.125" SHAFT SEALED	In Base Price
5901		VT17 BEARING 1.125" SHAFT RELUBE-12	392.00

#### DISK GANG ANGLE OPTION

7240		0-12 Degree Gang Angle	In Base Price
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FRONTIER PRODUCTS

Tillage

**VT1712 - 12 Ft Vertical Tillage Tool with 36 Blades on 7.5 In. Spacing**

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG ANGLE OPTION ...Continued...</b>			
7241		0-5 Degree Gang Angle for VT1710 and VT1712	No Added Cost
<b>SCRAPERS</b>			
9891		Scraper Kit for Disk Blades	1,162.00
9881		Scraper Kit for Furrow Fillers	121.00
<b>OPERATOR'S MANUAL AND DECALS</b>			
904J		FRENCH OM/DECAL KIT	54.00
904V		SPANISH OM/DECAL KIT	54.00
<b>MIDDLE BREAKER</b>			
9221		Middle Breaker	294.00
<b>MISCELLANEOUS</b>			
9473		Furrow Filler Kit - 20" Disk Blade <i>Furrow Fill Kit is only to be ordered with 20" Blade Options (5TL220236VTF)</i>	254.00
9474		Furrow Filler Kit - 22" Disk Blade <i>Furrow Filler Kit is only to be ordered with 22" Blade Options (5TL222197VTR)</i>	260.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5TL16249		<b>Disk Gang Angle Option</b> 0-5 Degree Gang Angle for VT1710 or VT1712	54.88
5TL11476VT		<b>Middle Breaker</b> VT17 Series Middle Breaker	317.52
5TLT70316VT		<b>Miscellaneous</b> VT17 Series Furrow Fillers for 20 in. Blade	274.32
5TLT70318VT		VT17 Series Furrow Fillers for 22" Blade	280.80
5TL15169VT		VT17 Series Scraper Kit for Furrow Fillers	See Parts
5TL16159		<b>Operator's Manual And Decals</b> VT17 Series French Operator's Manual and Decal Kit	60.48
5TL16160		VT17 Series Spanish Operator's Manual and Decal Kit	60.48
5TLSK7367		<b>Scrapers</b> VT1712 Scraper Kit	1,254.96

## FRONTIER PRODUCTS

### Tillage

# VT1713 - 13 Ft 4 In. Vertical Tillage Tool with 40 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 4 In. x 8 In. Cylinder  
with 160 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (Dual 11L-15)  
Working Width: 13 Ft. 4 In.  
Transport Width: 14 Ft. 8 In.  
Blade Spacing: 7.5 In.  
Tractor HP: 105-130 HP  
Shipping Weight: 8260 lbs.  
Approximate Operating Weight: 7760 lbs.  
Number of Blades: 40  
Blade Size: 20 or 22 In. Diameter  
Blade Thickness: 5 mm (0.197 In.) or 6 mm (0.236)  
Frame: 4 In. X 6 In. X 0.25 In. Front and 4 In. X 4  
In. X 0.25 In. Rear, Square Tube Frame  
Gang Tubing: 4 In. X 4 In. X 0.25 In. Square Tube

Bearing Hanger:  
Shock Flex C-Hanger  
2 Bolt Front 1 Bolt Rear  
Bearing Type:  
Self Aligning Sealed  
Ball Bearing in a Trunnion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
Rear Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
14" Rolling Basket with adjustable downpressure  
Light Kit  
Approximate Assembly Time: 6 hrs

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

1823XF		VT1713 - 13 Ft 4 In. Vertical Tillage Tool with 40 Blades on 7.5 In. Spacing	22,570.00
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#### DISK BLADES

5701		VT17 22"X.197" Sharp Concave Disk	4,458.00
5711		VT17 20"X.296" Flat Fluted Disk	3,209.00

#### DESTINATION

0202		United States	In Base Price
0184		Canada	No Added Cost
0205		Quebec, Canada	No Added Cost

#### OPERATOR'S MANUAL AND DECALS

0409		English Operator's Manual and Decal Kit	In Base Price
0413		French Operator's Manual and Decal Kit	No Added Cost
0437		Spanish Operator's Manual and Decal Kit	No Added Cost

#### DISK GANG BEARING STYLE

5911		VT17 BEARING 1.125" SHAFT SEALED	In Base Price
5902		VT17 BEARING 1.125" RELUBE-16	524.00

## FRONTIER PRODUCTS

### Tillage

## VT1713 - 13 Ft 4 In. Vertical Tillage Tool with 40 Blades on 7.5 In. Spacing

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG ANGLE OPTION</b>			
7240		0-12 Degree Gang Angle	In Base Price
7242		0-5 Degree Gang Angle for VT1713 and VT1715	No Added Cost
<b>SCRAPERS</b>			
9891		Scraper Kit for Disk Blades	1,259.00
9881		Scraper Kit for Furrow Fillers	121.00
<b>OPERATOR'S MANUAL AND DECALS</b>			
904J		FRENCH OM/DECAL KIT	54.00
904V		SPANISH OM/DECAL KIT	54.00
<b>MIDDLE BREAKER</b>			
9221		Middle Breaker	294.00
<b>MISCELLANEOUS</b>			
9473		Furrow Filler Kit - 20" Disk Blade <i>Furrow Fill Kit is only to be ordered with 20" Blade Options (5TL220236VTF)</i>	254.00
9474		Furrow Filler Kit - 22" Disk Blade <i>Furrow Filler Kit is only to be ordered with 22" Blade Options (5TL222197VTR)</i>	260.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5TL16250		<b>Disk Gang Angle Option</b> 0-5 Degree Gang Angle for VT1713 or VT1715	54.88
5TL11476VT		<b>Middle Breaker</b> VT17 Series Middle Breaker	317.52
5TLT70316VT		<b>Miscellaneous</b> VT17 Series Furrow Fillers for 20 in. Blade	274.32
5TLT70318VT		VT17 Series Furrow Fillers for 22" Blade	280.80
5TL15169VT		VT17 Series Scraper Kit for Furrow Fillers	See Parts
5TL16159		<b>Operator's Manual And Decals</b> VT17 Series French Operator's Manual and Decal Kit	60.48
5TL16160		VT17 Series Spanish Operator's Manual and Decal Kit	60.48



**FRONTIER PRODUCTS**

**Tillage**

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**VT1713 - 13 Ft 4 In. Vertical Tillage Tool with 40 Blades on 7.5 In. Spacing**

Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
<b>ATTACHMENTS FOR FIELD CONVERSION ...Continued...</b>			
	<b>Scrapers</b>		
	5TLSK7407	VT1713 Scraper Kit	1,359.72

**FRONTIER PRODUCTS**

**Tillage**

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**VT1713 - 13 Ft 4 In. Vertical Tillage Tool with 40 Blades on 7.5 In. Spacing**

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## FRONTIER PRODUCTS

### Tillage

## VT1715 - 15 Ft Vertical Tillage Tool with 44 Blades on 7.5 In. Spacing Equipment for Base Machine

Hitch: Drawn Level Lift  
with Clevis and Jack  
Hitch Safety Chain: Standard  
Hydraulics: 4 In. x 8 In. Cylinder  
with 160 In. of Hydraulic Hose  
Depth Control:  
Center Mounted Pin Adjustment  
Tires: Standard (Dual 11L-15)  
Working Width: 15 Ft. 0 In.  
Transport Width: 16 Ft. 6 In.  
Blade Spacing: 7.5 In.  
Tractor HP: 115-150 HP  
Shipping Weight: 8575 lbs.  
Approximate Operating Weight: 8075 lbs.  
Number of Blades: 44  
Blade Size: 20 or 22 In. Diameter  
Blade Thickness: 5 mm (0.197 In.) or 6 mm (0.236)  
Frame: 4 In. X 6 In. X 0.25 In. Front and 4 In. X 4  
In. X 0.25 In. Rear, Square Tube Frame  
Gang Tubing: 4 In. X 4 In. X 0.25 In. Square Tube

Bearing Hanger:  
Shock Flex C-Hanger  
2 Bolt Front 1 Bolt Rear  
Bearing Type:  
Self Aligning Sealed  
Ball Bearing in a Trunnion Mount  
Gang Axle: 1-1/8 In. Square  
Front Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
Rear Gang Angles:  
0, 3, 6, 9, 12, 15 Degrees  
14" Rolling Basket with adjustable downpressure  
Light Kit  
Approximate Assembly Time: 6 hrs

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

### BASE MACHINE

1833XF		VT1715 - 15 Ft Vertical Tillage Tool with 44 Blades on 7.5 In. Spacing	24,279.00
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### DISK BLADES

5701		VT17 22"X.197" Sharp Concave Disk	4,904.00
5711		VT17 20"X.296" Flat Fluted Disk	3,531.00

### DESTINATION

0202		United States	In Base Price
0184		Canada	No Added Cost
0205		Quebec, Canada	No Added Cost

### OPERATOR'S MANUAL AND DECALS

0409		English Operator's Manual and Decal Kit	In Base Price
0413		French Operator's Manual and Decal Kit	No Added Cost
0437		Spanish Operator's Manual and Decal Kit	No Added Cost

### DISK GANG BEARING STYLE

5911		VT17 BEARING 1.125" SHAFT SEALED	In Base Price
5902		VT17 BEARING 1.125" RELUBE-16	524.00

### DISK GANG ANGLE OPTION

7240		0-12 Degree Gang Angle	In Base Price
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FRONTIER PRODUCTS

Tillage

**VT1715 - 15 Ft Vertical Tillage Tool with 44 Blades on 7.5 In. Spacing**

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>DISK GANG ANGLE OPTION ...Continued...</b>			
7242		0-5 Degree Gang Angle for VT1713 and VT1715	No Added Cost
<b>SCRAPERS</b>			
9891		Scraper Kit for Disk Blades	1,344.00
9881		Scraper Kit for Furrow Fillers	121.00
<b>OPERATOR'S MANUAL AND DECALS</b>			
904J		FRENCH OM/DECAL KIT	54.00
904V		SPANISH OM/DECAL KIT	54.00
<b>MIDDLE BREAKER</b>			
9221		Middle Breaker	294.00
<b>MISCELLANEOUS</b>			
9473		Furrow Filler Kit - 20" Disk Blade <i>Furrow Fill Kit is only to be ordered with 20" Blade Options (5TL220236VTF)</i>	254.00
9474		Furrow Filler Kit - 22" Disk Blade <i>Furrow Filler Kit is only to be ordered with 22" Blade Options (5TL222197VTR)</i>	260.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5TL16250		<b>Disk Gang Angle Option</b> 0-5 Degree Gang Angle for VT1713 or VT1715	54.88
5TL11476VT		<b>Middle Breaker</b> VT17 Series Middle Breaker	317.52
5TLT70316VT		<b>Miscellaneous</b> VT17 Series Furrow Fillers for 20 in. Blade	274.32
5TLT70318VT		VT17 Series Furrow Fillers for 22" Blade	280.80
5TL15169VT		VT17 Series Scraper Kit for Furrow Fillers	See Parts
5TL16159		<b>Operator's Manual And Decals</b> VT17 Series French Operator's Manual and Decal Kit	60.48
5TL16160		VT17 Series Spanish Operator's Manual and Decal Kit	60.48
5TLSK7447		<b>Scrapers</b> VT1715 Scraper Kit	1,451.52