

**FRONTIER PRODUCTS**  
**Hay & Forage**

**DM5050 Disc Mower**  
 Equipment for Base Machine

Hitch Type: 3-Point  
 Hitch Category: Category I or II (iMatch and Quick-Coupler Compatible)  
 Cutting Width: 6 Ft. 6 In.  
 Operating Weight: 874 Lbs.  
 Operation Cutting Angle:  
 +/- 25 Degrees  
 Number of Cutting Discs: 5  
 Number of Knives: 10  
 PTO Drive: 540 RPM  
 PTO HP Requirement: 40 HP Minimum  
 Belt Drive: 4 V-Belts with Tensioner  
 Average Swath Width: 4 Ft. 6 In.

Cutterbar Lift Mechanism: Hydraulic  
 Outer Swath Wheel: Optional  
 Safety Breakaway: Yes  
 Required Hydraulic Outlets:  
 1 Single Acting Valve  
 Set-Up Time: 1.5 Hour  
 Warranty: 1 Year

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

**BASE MACHINE**

0561XF		DM5050 Disc Mower	10,410.00
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**SWATH WHEEL**

9070		Swath Wheel Attachment (DM50 Series)	150.00
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**ATTACHMENTS FOR FIELD CONVERSION**

	5TIDM411274	<b>Miscellaneous</b> Swath Wheel Attachment (DM50 Series)	173.35
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**DM5050 Disc Mower**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**DM5060 Disc Mower**  
 Equipment for Base Machine

Hitch Type: 3-Point  
 Hitch Category: Category I or II (iMatch and Quick-Coupler Compatible)  
 Cutting Width: 7 Ft. 9 In.  
 Operating Weight: 975 Lbs.  
 Operation Cutting Angle:  
 +/- 25 Degrees  
 Number of Cutting Discs: 6  
 Number of Knives: 12  
 PTO Drive: 540 RPM  
 PTO HP Requirement: 45 HP Minimum  
 Belt Drive: 4 V-Belts with Tensioner  
 Average Swath Width: 5 Ft. 9 In.

Cutterbar Lift Mechanism: Hydraulic  
 Outer Swath Wheel: Optional  
 Safety Breakaway: Yes  
 Required Hydraulic Outlets:  
 1 Single Acting Valve  
 Set-Up Time: 1.5 Hour  
 Warranty: 1 Year

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

**BASE MACHINE**

0571XF		DM5060 Disc Mower	11,150.00
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**SWATH WHEEL**

9070		Swath Wheel Attachment (DM50 Series)	150.00
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**ATTACHMENTS FOR FIELD CONVERSION**

	5TIDM411274	<b>Miscellaneous</b> Swath Wheel Attachment (DM50 Series)	173.35
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**DM5060 Disc Mower**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**DM5070 Disc Mower**  
 Equipment for Base Machine

Hitch Type: 3-Point  
 Hitch Category: Category I or II (iMatch and Quick-Coupler Compatible)  
 Cutting Width: 9 Ft.  
 Operating Weight: 1143 Lbs.  
 Operation Cutting Angle:  
 +/- 25 Degrees  
 Number of Cutting Discs: 7  
 Number of Knives: 14  
 PTO Drive: 540 RPM  
 PTO HP Requirement: 55 HP Minimum  
 Belt Drive: 4 V-Belts with Tensioner  
 Average Swath Width: 7 Ft.

Cutterbar Lift Mechanism: Hydraulic  
 Outer Swath Wheel: Optional  
 Safety Breakaway: Yes  
 Required Hydraulic Outlets:  
 1 Single Acting Valve  
 Set-Up Time: 1.5 Hour  
 Warranty: 1 Year

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

**BASE MACHINE**

0581XF		DM5070 Disc Mower	11,780.00
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**SWATH WHEEL**

9070		Swath Wheel Attachment (DM50 Series)	150.00
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**ATTACHMENTS FOR FIELD CONVERSION**

	5TIDM411274	<b>Miscellaneous</b> Swath Wheel Attachment (DM50 Series)	173.35
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**FRONTIER PRODUCTS**  
**Hay & Forage**

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**DM5070 Disc Mower**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**DC1000 Disc Mower Caddy**  
Equipment for Base Machine

Variable Integrated Ballasting System  
Utilizes Standard John Deere Weights  
and Internal Ballast  
Hydraulic Lift 3-Point Hitch  
Includes Cylinders, Hoses, and Tips  
Adjustable Clevis Tongue  
Equal Angle Category IV 540 PTO Included

11L x 15SL Ribbed Implement Tires

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

**BASE MACHINE**

0541XF		DC1000 Disc Mower Caddy <i>Assembly Required: 3 hours</i>	5,747.00
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**FRONTIER PRODUCTS**  
**Hay & Forage**

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**DC1000 Disc Mower Caddy**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**TD1316 Heavy Duty 4 Basket Hay Tedder**  
 Equipment for Base Machine

Hitch Type: Drawbar  
 Number of Rotors: 4  
 Number of Baskets: 4  
 Number of Tine Arms per Rotor: 6  
 Width in Working Position: 17 Ft. 8 In.  
 Tedding Width: 16 Ft. 5 In.  
 Tires: 15 x 6.00-6  
 Transport Width: 9 Ft. 2 In.  
 PTO with Torque Limiter: Standard  
 PTO HP Requirement: 20 HP  
 Required Hydraulic Outlets:  
 1 Double Acting Valve

Reduction Gearbox for  
 Night Windrows: Optional  
 Anti-Wrap Deflectors: Optional  
 Shipping Weight: 1005 lbs.  
 Set-Up Time: 6 Man Hours/Unit  
 Warranty: 1 Year

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

**BASE MACHINE**

0071XF		TD1316 Heavy Duty 4 Basket Hay Tedder	9,598.00
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**OPERATOR'S MANUAL AND DECALS**

9040		French OM & Decal Kit (TD1316)	52.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**Miscellaneous**

5KNK8806521		French Operators Manual and Frontier Decals (TD1316)	58.24
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**TD1316 Heavy Duty 4 Basket Hay Tedder**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**TD3418 Four Rotor 18 Ft. 2 In. Working Width Tedder**  
 Equipment for Base Machine

10/2 Turbo Tines are Designed for  
 Clean and Efficient Tedding  
 Radial Pin Clutch 540 RPM PTO Shaft  
 Fully Enclosed Oil Bath Gearboxes  
 Finger Joints at Wing Pivot Points  
 Standard Hydraulic Lift and Tilt  
 SMV, and Safety Tow Chain are  
 Standard Equipment

1 Year Parts and Labor Warranty

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

**BASE MACHINE**

0331XF		TD3418 Four Rotor 18 Ft. 2 In. Working Width Tedder	11,769.00
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**OPERATOR'S MANUAL**

9200		French Operators Manual	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

	5PQ903198	<b>Miscellaneous</b> French Operators Manual (TD3418)	109.76
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**TD3418 Four Rotor 18 Ft. 2 In. Working Width Tedder**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**TD3427 Six Rotor 26 Ft. 4 In. Working Width Tedder**  
 Equipment for Base Machine

10/2 Turbo Tines are Designed for  
 Clean and Efficient Tedding  
 Radial Pin Clutch 540 RPM PTO Shaft  
 Fully Enclosed Oil Bath Gearboxes  
 Finger Joints at Wing Pivot Points  
 Standard Hydraulic Lift and Tilt  
 Transport Lights, SMV, and  
 Safety Tow Chain are Standard Equipment

1 Year Parts and Labor Warranty

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

**BASE MACHINE**

0341XF		TD3427 Six Rotor 26 Ft. 4 In. Working Width Tedder	23,999.00
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**OPERATOR'S MANUAL**

9200		French Operators Manual	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

	5PQ903199	<b>Miscellaneous</b> French Operators Manual (TD3427)	124.32
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**TD3427 Six Rotor 26 Ft. 4 In. Working Width Tedder**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1212 High Capacity Wheel Rake**  
 Equipment for Base Machine

Number of Wheels: 12  
 Teeth per Wheel: 40  
 Tooth Diameter: 7 mm  
 Wheel Diameter: 55 In.  
 Transport Width: 8 Ft. 1 In.  
 Transport Length: 24 Ft. 6 In.  
 Raking Width:  
 Up to 24 Ft. Hydraulic Settings  
 Windrow Width Adjustment:  
 38 In. to 58 In.  
 Raking Wheel Hubs: Tapered Bearings  
 Wing Flex: 3 Ft. Up or Down  
 Number of Transport Wheels: 4

Hitch Jack: Standard  
 Center Kicker Wheels: Optional  
 Tandem Rear Wheels: Optional  
 Transport Wheels: 6.70 x 15 In.  
 Gauge Wheels: 15 In.  
 Assembly/Set-Up Time: 7 Man Hours  
 Weight: 3500 lbs.

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

**BASE MACHINE**

0101XF		WR1212 High Capacity Wheel Rake <i>Raking widths up to 24 Ft. Order hydraulic couplers as attachments.</i>	18,231.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel <i>Two center kicker wheels with hydraulic lift for WR12 Series.</i>	1,949.00
3110		No Center Kicker Wheel <i>WR12 Series Wheel Rake.</i>	In Base Price

**TANDEM WHEELS**

4400		WR12 Series Rear Tandem Wheels	1,285.00
4410		WR12 Series No Rear Tandem Wheels	In Base Price

**WIND PANEL OPTION**

9100		WR12 Series Wind Panels with Hardware <i>Quantity of 12.</i>	321.00
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**CENTER KICKER WHEEL OPTION**

9310		WR12 Series Center Kicker Wheels (3) <i>Three center kicker wheels with hydraulic lift.</i>	3,369.00
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**COUPLERS**

9910		WR12 Series Set of Hydraulic Couplers	36.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1212 High Capacity Wheel Rake**  
 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>Miscellaneous</b>			
	5HPBFO212HC	Center Kicker Wheels (2)	2,209.68
	5HPBFO23W12	Center Kicker Wheels (3)	3,638.52
	5HPBFOWP55	One Wind Panel with Hardware	32.48
	5HPBFO6	Rear Tandem Wheels	1,456.92
	5HPBFO13	Set of Hydraulic Couplers	40.32



**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1214 High Capacity Wheel Rake with Rear Tandem Wheels**  
 Equipment for Base Machine

Number of Wheels: 14  
 Teeth per Wheel: 40  
 Tooth Diameter: 7 mm  
 Wheel Diameter: 55 In.  
 Transport Width: 8 Ft. 1 In.  
 Transport Length: 27 Ft. 3 In.  
 Raking Width:  
 Up to 28 Ft. Hydraulic Settings  
 Windrow Width Adjustment:  
 38 In. to 58 In.  
 Raking Wheel Hubs: Roller Bearings  
 Wing Flex: 3 Ft. Up or Down  
 Number of Transport Wheels: 6  
 Hitch Jack: Standard

Center Kicker Wheels: Optional  
 Tandem Rear Wheels: Standard  
 Wheel Expansion: Optional  
 Transport Wheels: 6.70 x 15 In.  
 Gauge Wheels: 15 In.  
 Assembly/Set-Up Time: 8 Man Hours  
 Weight: 3800 lbs.

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

**BASE MACHINE**

0102XF		WR1214 High Capacity Wheel Rake with Rear Tandem Wheels <i>Raking widths up to 28 Ft. Order hydraulic couplers as attachments.</i>	23,654.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel <i>Two center kicker wheels with hydraulic lift for WR12 Series.</i>	1,949.00
3110		No Center Kicker Wheel <i>WR12 Series Wheel Rake.</i>	In Base Price

**RAKE BEAM SUPPORTS**

6200		WR12 Series Rake Beam Support Wheels <i>Includes 15 In. tires.</i>	1,553.00
6210		WR12 Series No Rake Beam Supports	In Base Price

**WIND PANEL OPTION**

9100		WR12 Series Wind Panels with Hardware <i>Quantity of 14.</i>	375.00
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**CENTER KICKER WHEEL OPTION**

9310		WR12 Series Center Kicker Wheels (3) <i>Three center kicker wheels with hydraulic lift.</i>	3,369.00
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**COUPLERS**

9910		WR12 Series Set of Hydraulic Couplers	36.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1214 High Capacity Wheel Rake with Rear Tandem Wheels**  
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>ATTACHMENTS FOR FIELD CONVERSION ...Continued...</b>			
<b>Miscellaneous</b>			
	5HPBFO214HC	Center Kicker Wheels (2)	2,209.68
	5HPBFO23W14	Center Kicker Wheels (3)	3,638.52
	5HPBFOWP55	One Wind Panel with Hardware	32.48
	5HPBFO415	Rake Beam Support Wheels (WR1214 and WR1216) <i>Includes 15 In. tires.</i>	1,742.04
	5HPBFO13	Set of Hydraulic Couplers	40.32

**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1216 High Capacity Wheel Rake with Rear Tandem Wheels**  
 Equipment for Base Machine

Number of Wheels: 16  
 Teeth per Wheel: 40  
 Tooth Diameter: 7 mm  
 Wheel Diameter: 55 In.  
 Transport Width: 8 Ft. 1 In.  
 Transport Length: 30 Ft. 3 In.  
 Raking Width:  
 Up to 32 Ft. Hydraulic Settings  
 Windrow Width Adjustment:  
 38 In. to 58 In.  
 Raking Wheel Hubs: Roller Bearings  
 Wing Flex: 3 Ft. Up or Down  
 Number of Transport Wheels: 6

Hitch Jack: Standard  
 Center Kicker Wheels: Optional  
 Tandem Rear Wheels: Standard  
 Transport Wheels: 6.70 x 15 In.  
 Gauge Wheels: 15 In.  
 Assembly/Set-Up Time: 9 Man Hours  
 Weight: 4200 lbs.

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

**BASE MACHINE**

0103XF		WR1216 High Capacity Wheel Rake with Rear Tandem Wheels <i>Raking widths up to 32 Ft. Order hydraulic couplers as attachments.</i>	24,885.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel <i>Two center kicker wheels with hydraulic lift for WR12 Series.</i>	1,949.00
3110		No Center Kicker Wheel <i>WR12 Series Wheel Rake.</i>	In Base Price

**RAKE BEAM SUPPORTS**

6200		WR12 Series Rake Beam Support Wheels <i>Includes 15 In. tires.</i>	1,553.00
6210		WR12 Series No Rake Beam Supports	In Base Price

**WIND PANEL OPTION**

9100		WR12 Series Wind Panels with Hardware <i>Quantity of 16.</i>	428.00
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**CENTER KICKER WHEEL OPTION**

9310		WR12 Series Center Kicker Wheels (3) <i>Three center kicker wheels with hydraulic lift.</i>	3,369.00
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**COUPLERS**

9910		WR12 Series Set of Hydraulic Couplers	36.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR1216 High Capacity Wheel Rake with Rear Tandem Wheels**  
 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>Miscellaneous</b>			
	5HPBFO214HC	Center Kicker Wheels (2)	2,209.68
	5HPBFO23W14	Center Kicker Wheels (3)	3,638.52
	5HPBFOWP55	One Wind Panel with Hardware	32.48
	5HPBFO415	Rake Beam Support Wheels (WR1214 and WR1216) <i>Includes 15 In. tires.</i>	1,742.04
	5HPBFO13	Set of Hydraulic Couplers	40.32

**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR0008 Carted Finger Wheel Rake with 8 Wheels**  
 Equipment for Base Machine

Rake Wheel Diameter: 55 In. (1397 mm)	Raking Wheel Hubs: Tapered Bearings
Teeth Per Wheel: 40	Wing Flex: 3.9 in. (10 cm) Down; 19.7 in. (50 cm) Up
Tooth Diameter: 7 mm (0.2756 In.)	Number of Transport Wheels: 2
Transport Width: 8 Ft. 2 In. (2.5 m)	Number of Raking Wheels: 8
Transport Length: 15 Ft. 6 In. (4.7 m)	Transport Wheels: 205/70-15
Windrow Width Adjustment: 24 to 51 In. (610 to 1,295 mm) at 40 degree working angle	Hitch Jack: Standard
Raking Width: 17 Ft. 8 In. Maximum (5.4 m) at 40 degree working angle	Center Kicker Wheel: Optional

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

**BASE MACHINE**

0350XF		WR0008 Carted Finger Wheel Rake with 8 Wheels	5,144.00
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**CENTER KICKER WHEEL OPTION**

3100		WR00 Series Center Kicker Wheel	633.00
3110		WR00 Series No Center Kicker Wheel	In Base Price

**WIND PANEL OPTION**

9010		Wind Panels with Hardware <i>Includes hardware and a quantity of 8 wind panels.</i>	322.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		WR00 Series French Operators Manual and Decal Kit	29.00
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**ATTACHMENTS FOR FIELD CONVERSION**

<b>Miscellaneous</b>			
5EPRRC001	Center Kicker Wheel (WR00 Series)		697.68
5EPWR00FRKIT	French Operators Manual and Decal Kit (WR00 Series)		33.60
5EP18032659	Wind Panel with Hardware (WR00 Series)		44.80

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR0008 Carted Finger Wheel Rake with 8 Wheels**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR0010 Carted Finger Wheel Rake with 10 Wheels**  
 Equipment for Base Machine

Rake Wheel Diameter: 55 In. (1397 mm)	Raking Wheel Hubs: Tapered Bearings
Teeth Per Wheel: 40	Wing Flex: 3.9 in. (10 cm) Down; 19.7 in. (50 cm) Up
Tooth Diameter: 7 mm (0.2756 In.)	Number of Transport Wheels: 2
Transport Width: 8 Ft. 2 In. (2.5 m)	Number of Raking Wheels: 10
Transport Length: 17 Ft. 6 In. (5.3 m)	Transport Wheels: 205/70-15
Windrow Width Adjustment: 24 to 51 In. (610 to 1,295 mm) at 40 degree working angle	Hitch Jack: Standard
Raking Width: 21 Ft. Maximum (6.4 m) at 40 degree working angle	Center Kicker Wheel: Optional

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

**BASE MACHINE**

0351XF		WR0010 Carted Finger Wheel Rake with 10 Wheels	5,799.00
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**CENTER KICKER WHEEL OPTION**

3100		WR00 Series Center Kicker Wheel	633.00
3110		WR00 Series No Center Kicker Wheel	In Base Price

**WIND PANEL OPTION**

9010		Wind Panels with Hardware <i>Includes hardware and a quantity of 10 wind panels.</i>	402.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		WR00 Series French Operators Manual and Decal Kit	29.00
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**ATTACHMENTS FOR FIELD CONVERSION**

<b>Miscellaneous</b>			
5EPRRC001	Center Kicker Wheel (WR00 Series)		697.68
5EPWR00FRKIT	French Operators Manual and Decal Kit (WR00 Series)		33.60
5EP18032659	Wind Panel with Hardware (WR00 Series)		44.80

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR0010 Carted Finger Wheel Rake with 10 Wheels**  
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR0012 Carted Finger Wheel Rake with 12 Wheels**  
 Equipment for Base Machine

Rake Wheel Diameter: 55 In. (1397 mm)	Raking Wheel Hubs: Tapered Bearings
Teeth Per Wheel: 40	Wing Flex: 3.9 in. (10 cm) Down; 19.7 in. (50 cm) Up
Tooth Diameter: 7 mm (0.2756 In.)	Number of Transport Wheels: 2
Transport Width: 8 Ft. 2 In. (2.5 m)	Number of Raking Wheels: 12
Transport Length: 18 Ft. 9 In. (5.7 m)	Transport Wheels: 205/70-15
Windrow Width Adjustment: 24 to 51 In. (610 to 1,295 mm) at 40 degree working angle	Hitch Jack: Standard
Raking Width: 24 Ft. 4 In. Maximum (7.4 m) at 40 degree working angle	Center Kicker Wheel: Optional

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

**BASE MACHINE**

0352XF		WR0012 Carted Finger Wheel Rake with 12 Wheels	6,513.00
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**CENTER KICKER WHEEL OPTION**

3100		WR00 Series Center Kicker Wheel	633.00
3110		WR00 Series No Center Kicker Wheel	In Base Price

**WIND PANEL OPTION**

9010		Wind Panels with Hardware <i>Includes hardware and a quantity of 12 wind panels.</i>	482.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		WR00 Series French Operators Manual and Decal Kit	29.00
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**ATTACHMENTS FOR FIELD CONVERSION**

<b>Miscellaneous</b>			
5EPRRC001	Center Kicker Wheel (WR00 Series)		697.68
5EPWR00FRKIT	French Operators Manual and Decal Kit (WR00 Series)		33.60
5EP18032659	Wind Panel with Hardware (WR00 Series)		44.80

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR0012 Carted Finger Wheel Rake with 12 Wheels**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR3108 High Capacity Carted Wheel Rake**  
 Equipment for Base Machine

Rake Wheel Diameter: 60 In. (1524 mm)	Number of Raking Wheels: 8
Teeth Per Wheel: 40	Transport Wheels: 205/75-15
Tooth Diameter: 0.28 In. (7 mm)	Hitch Jack: Standard
Transport Width: 9.83 Ft. (3 m)	Center Kicker Wheel: Optional
Transport Length: 21.75 Ft. (6.6 m)	
Windrow Width Adjustment: 16 to 90 In. (406 to 2286 mm)	
Working Width: 16.75 Ft. (5.1 m) Maximum	
Raking Wheel Hubs: Ball Bearing	
Number of Transport Wheels: 2	

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

**BASE MACHINE**

0360XF		WR3108 High Capacity Carted Wheel Rake	8,537.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel	683.00
3110		No Center Kicker Wheel <i>WR31 Series Wheel Rake.</i>	In Base Price

**WIND PANEL OPTION**

9101		Wind Panel Kit for 60 Inch Wheel (WR31 Series) <i>Includes hardware and qty of 8 wind panels.</i>	234.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**Miscellaneous**

5HPAROCKWS		Center Kicker Wheel (WR31 Series)	819.72
5HPBFOWP60		Wind Panel (WR31 Series) <i>Includes mounting hardware and one wind panel only.</i>	36.96

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR3108 High Capacity Carted Wheel Rake**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR3110 High Capacity Carted Wheel Rake**  
 Equipment for Base Machine

Rake Wheel Diameter: 60 In. (1524 mm)	Number of Raking Wheels: 10
Teeth Per Wheel: 40	Transport Wheels: 205/75-15
Tooth Diameter: 0.28 In. (7 mm)	Hitch Jack: Standard
Transport Width: 10.3 Ft. (3.2 m)	Center Kicker Wheel: Optional
Transport Length: 23.3 Ft. (7.1 m)	
Windrow Width Adjustment: 16 to 90 In. (406 to 2286 mm)	
Working Width: 20 Ft. (6.1 m) Maximum	
Raking Wheel Hubs: Ball Bearing	
Number of Transport Wheels: 2	

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

**BASE MACHINE**

0361XF		WR3110 High Capacity Carted Wheel Rake	9,119.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel	683.00
3110		No Center Kicker Wheel <i>WR31 Series Wheel Rake.</i>	In Base Price

**WIND PANEL OPTION**

9101		Wind Panel Kit for 60 Inch Wheel (WR31 Series) <i>Includes hardware and qty of 10 wind panels.</i>	295.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**Miscellaneous**

5HPAROCKWS		Center Kicker Wheel (WR31 Series)	819.72
5HPBFOWP60		Wind Panel (WR31 Series) <i>Includes mounting hardware and one wind panel only.</i>	36.96

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR3110 High Capacity Carted Wheel Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR3112 High Capacity Carted Wheel Rake**  
 Equipment for Base Machine

Rake Wheel Diameter: 60 In. (1524 mm)	Number of Raking Wheels: 12
Teeth Per Wheel: 40	Transport Wheels: 205/75-15
Tooth Diameter: 0.28 In. (7 mm)	Hitch Jack: Standard
Transport Width: 11 Ft. (3.4 m)	Center Kicker Wheel: Optional
Transport Length: 25.75 Ft. (7.6 m)	
Windrow Width Adjustment: 16 to 90 In. (406 to 2286 mm)	
Working Width: 24 Ft. (7.3 m) Maximum	
Raking Wheel Hubs: Ball Bearing	
Number of Transport Wheels: 2	

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

**BASE MACHINE**

0362XF		WR3112 High Capacity Carted Wheel Rake	9,979.00
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**CENTER KICKER WHEEL OPTION**

3100		Center Kicker Wheel	683.00
3110		No Center Kicker Wheel <i>WR31 Series Wheel Rake.</i>	In Base Price

**WIND PANEL OPTION**

9101		Wind Panel Kit for 60 Inch Wheel (WR31 Series) <i>Includes hardware and qty of 12 wind panels.</i>	353.00
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**ATTACHMENTS FOR FIELD CONVERSION**

**Miscellaneous**

5HPAROCKWS		Center Kicker Wheel (WR31 Series)	819.72
5HPBFOWP60		Wind Panel (WR31 Series) <i>Includes mounting hardware and one wind panel only.</i>	36.96

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR3112 High Capacity Carted Wheel Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**WR5417 High Capacity Wheel Rake**  
 Equipment for Base Machine

Number of Wheels: 17	Tandem Rear Wheels: Standard
Teeth per Wheel: 36	Transport Wheels: 9.5L x 15
Tooth Diameter: 7 mm	Gauge Wheels: None
Wheel Diameter: 60 in.	Assembly/Set-Up Time:
Transport Width: 12 ft. 4 in.	6 Hours (2 Personnel)
Transport Length: 28 ft. 4 in.	Weight: 5900 lbs.
Raking Width: 29 ft.	
Windrow Width Adjustment:	
Maximum Finished Windrow Width 72.3 in.	
Raking Wheel Hubs: Tapered Bearings	
Wing Flex: None	
Number of Transport Wheels: 4	
Hitch Jack: Standard	

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

**BASE MACHINE**

0311XF		WR5417 High Capacity Wheel Rake <i>Includes Transport Lights. Raking widths up to 29 Ft.</i>	35,806.00
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**HITCHES**

2160		Clevis Hitch	In Base Price
2110		Ball Hitch (2 5/16 in) cast coupler in lieu of Clevis Hitch	96.00

**SPRINGS**

8010		WR5417 Bi-Directional Springs	2,643.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		French Operators Manual and Decal Kit (WR5417)	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

<b>Miscellaneous</b>		
5PQ102007	Ball Hitch, Field Conversion	159.04
5PQ903186	French Operators Manual and Decal Kit (WR5417)	125.44
5PQ507342	WR5417 Bi-Directional Springs	2,854.44

**FRONTIER PRODUCTS**

**Hay & Forage**

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**WR5417 High Capacity Wheel Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**RR2109 - 9 Ft. Raking Width Rotary Rake**  
 Equipment for Base Machine

Tandem Axles With Four Bolt Wheels  
 Exclusive Level-Lift Hydraulics  
 Totally Enclosed Oil Bath Gearbox  
 Heat Treated, Double-Tooth  
 Spring Steel Tines  
 Safety Tow Chain is Standard Equipment  
 1 Year Parts and Labor Warranty

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

**BASE MACHINE**

0131XF		RR2109 - 9 Ft. Raking Width Rotary Rake	8,992.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		French Operators Manual and Decal Kit <i>RR2109 Rotary Rake</i>	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

5PQ903180		<b>Miscellaneous</b> French Operators Manual & Decal Kit (RR2109) Rotary Rake <i>Destination of Quebec only. Includes French safety decals and manual.</i>	106.40
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**RR2109 - 9 Ft. Raking Width Rotary Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**RR2211 - 11 Ft. Raking Width Rotary Rake**  
 Equipment for Base Machine

Tandem Axles With Four Bolt Wheels  
 Exclusive Level-Lift Hydraulics  
 Totally Enclosed Oil Bath Gearbox  
 Heat Treated, Double-Tooth  
 Spring Steel Tines  
 Safety Tow Chain is Standard Equipment  
 1 Year Parts and Labor Warranty

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

**BASE MACHINE**

0141XF		RR2211 - 11 Ft. Raking Width Rotary Rake	12,041.00
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**OPERATOR'S MANUAL AND DECAL KIT**

9200		French Operators Manual and Decal Kit <i>RR2211 Rotary Rake</i>	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

5PQ903181		<b>Miscellaneous</b> French Operators Manual & Decal Kit (RR2211) Rotary Rake <i>Destination of Quebec only. Includes French safety decals and manual.</i>	94.08
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**RR2211 - 11 Ft. Raking Width Rotary Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**RR2313 - 13 Ft. Raking Width Rotary Rake**  
 Equipment for Base Machine

13 ft. Clean sweep raking width  
 15 ft. Working width  
 8 ft. 2 in. Transport width  
 6 ft. 6 in. Transport height  
 Tandem walking beam axles with 18.5 in. wheels  
 Removable rotor arms for easy storage and narrow transport  
 Stub shafts removable w/o disassembling gearbox  
 Oversized swivel gearbox  
 Standard hydraulic rear curtain

4 Heat treated, double-tooth spring steel tines per arm  
 13 Tine arms per rotor  
 Safety tow chain standard

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

**BASE MACHINE**

0301XF		RR2313 - 13 Ft. Raking Width Rotary Rake	19,723.00
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**FLOTATION TIRES**

1095		No Extra Tires	In Base Price
1010		Extra Tires <i>Includes 2 additional flotation tires and 2 spindles for mounting to front of each walking beam (RR2313).</i>	372.00

**OPERATOR'S MANUAL AND DECAL KIT**

9200		French Operators Manual and Decal Kit <i>RR2313 Rotary Rake</i>	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

5PQ580035	<b>Miscellaneous</b> Extra Flotation Tires (RR2313) <i>Note: Includes 2 additional flotation tires and 2 spindles for mounting to front of each walking beam.</i>	401.76
5PQ903187	French Operators Manual & Decal Kit (RR2313) Rotary Rake <i>Destination of Quebec only. Includes French safety decals and manual.</i>	103.04

**FRONTIER PRODUCTS**

**Hay & Forage**

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**RR2313 - 13 Ft. Raking Width Rotary Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**RR2324 - 24 Ft. Raking Width Tandem Rotary Rake**  
 Equipment for Base Machine

Trailed Style with Heavy Duty Frame  
 Capable of raking two individual windrows or one combined windrow  
 24 ft. Clean sweep raking width  
 27 ft. Working width  
 8 ft. 2 in. Transport width  
 6 ft. 6 in. Transport height  
 Tandem walking beam axles with 18.5 in. wheels  
 Front pitch gauge wheels on rear rotor with 18.5 in. wheels  
 Manifold eliminates 60% of hydraulic connections  
 Removable rotor arms for easy storage and narrow transport

Stub shafts removable w/o disassembling gearbox  
 Oversized swivel gearbox  
 Standard hydraulic rear curtain  
 4 Heat treated, double-tooth spring steel tines per arm  
 13 Tine arms per rotor  
 Lights & safety tow chain standard

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

**BASE MACHINE**

0302XF		RR2324 - 24 Ft. Raking Width Tandem Rotary Rake <i>Includes Transport Lights.</i>	40,122.00
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**FLOTATION TIRES**

1095		No Extra Tires	In Base Price
1010		Extra Tires <i>Includes 4 additional flotation tires (2 per rotor) and 4 spindles for mounting to front of each walking beam (RR2324).</i>	742.00

**OPERATOR'S MANUAL AND DECAL KIT**

9200		French Operators Manual and Decal Kit <i>RR2324 Rotary Rake</i>	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

<b>Miscellaneous</b>			
5PQ580030		Extra Flotation Tires (RR2324) <i>Note: Includes 4 additional flotation tires (2 per rotor) and 4 spindles for mounting to front of each walking beam.</i>	801.36
5PQ903188		French Operators Manual & Decal Kit RR2324 Rotary Rake <i>Destination of Quebec only. Includes French safety decals and manual.</i>	116.48

**FRONTIER PRODUCTS**

**Hay & Forage**

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**RR2324 - 24 Ft. Raking Width Tandem Rotary Rake**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HM1109 Standard Hay Merger**  
 Equipment for Base Machine

Pickup Width: 9 Ft.  
 Base Unit Width: 14 Ft. 4 In.  
 Base Unit Height: 4 Ft. 6 In.  
 Base Unit Length: 19 Ft. 3 In.  
 Unit Width with  
   Optional Accelerator Roller:  
     15 Ft. 9 In.  
   Optional 2 Ft. Conveyor Extension  
     (Fixed): 16 Ft. 4 In.  
   Optional 2 Ft. Extension Unfolded: N/A  
   Optional 4 Ft. Extension Unfolded: N/A  
   Optional 6 Ft. Extension Unfolded: N/A  
   Optional Extension Folded: N/A  
 Base Unit Length  
   Pole Swung In: N/A  
   Pole Swung Out: N/A  
 Base Unit Weight  
   Standard Unit: 2970 lbs.  
   Self Contained Unit: 3380 lbs.  
 Tire Size (Frame): (2) 6.70 x 15  
 Tire Size (Pickup): (2) 5.70 x 8  
 Replaceable Three Prong Plastic Teeth: Yes  
 Cross Conveyor Width: 42 In.  
 Tractor Size and Hydraulic Capacity Required  
   Standard Unit:  
     MINIMUM - 70 HP with 16 GPM/2000 PSI  
   Self Contained Unit:  
     MINIMUM - 70 HP with 5 GPM/2000 PSI  
 Hydraulic Remotes Needed

Standard Unit: 2  
 Self Contained Unit: 1  
 Approximate Set-Up Times  
   Standard Unit: 1.5  
   Self Contained Unit: 2  
 Extension Length for Harvester with  
 Narrow (3.0 Meter) Pick-up Head:  
   Cut Width of 9 Ft. - 10 Ft.:  
     No extension required  
   Cut Width of 12 Ft.:  
     No extension required  
   Cut Width of 14 Ft.:  
     2 Ft. or Accelerator Roller  
   Cut Width of 16 Ft.: N/A  
   Cut Width of 18 Ft.: N/A  
 Extension Length for Harvester with  
 Wide (4.5 Meter) Pick-up Head:  
   Cut Width of 14 Ft.: N/A  
   Cut Width of 16 Ft.: N/A  
   Cut Width of 18 Ft.: N/A

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

**BASE MACHINE**

0021XF		HM1109 Standard Hay Merger 9 Ft. Head. Includes rolling crop deflector, but does NOT include wind apron, which is no longer necessary.	27,228.00
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**PTO HYDRAULIC DRIVE**

1000		PTO Hydraulic Drive Self contained pump and reservoir.	3,994.00
1095		Less PTO Hydraulic Drive	In Base Price

**CONVEYOR EXTENSION**

2002		Conveyor Extension 2 Ft. fixed (non-folding).	1,154.00
2095		Less Conveyor Extension	In Base Price

**OPERATOR'S MANUAL AND DECALS**

9200		French Operators Manual & Decals HM11 Series Hay Mergers	No Charge
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HM1109 Standard Hay Merger**  
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5HPMMO4	<b>Miscellaneous</b>	Conveyor Extension	1,314.36
5HP1108FKM11	French Operators Manual & Decals HM11 Series Hay Mergers		30.24
5HPMMO5	PTO Hydraulic Drive (HM1109)		4,111.56

**FRONTIER PRODUCTS**

**Hay & Forage**

**HM1209 Hydra-Swing Merger**  
Equipment for Base Machine

Pickup Width: 9 Ft.  
 Base Unit Width: 14 Ft. 4 In.  
 Base Unit Height: 5 Ft. 3 In.  
 Base Unit Length: N/A  
 Unit Width with  
   Optional Accelerator Roller: N/A  
   Optional 2 Ft. Conveyor Extension (Fixed): N/A  
   Optional 2 Ft. Extension Unfolded: 16 Ft. 4 In.  
   Optional 4 Ft. Extension Unfolded: 18 Ft. 4 In.  
   Optional 6 Ft. Extension Unfolded: 20 Ft. 4 In.  
   Optional Extension Folded: 14 Ft. 10 In.  
 Base Unit Length  
   Pole Swung In: 22 Ft.  
   Pole Swung Out: 21 Ft.  
 Base Unit Weight  
   Standard Unit: 3095 lbs.  
   Self Contained Unit: 3515 lbs.  
 Tire Size (Frame):  
   (1) 6.70 x 15 and (2) 9.5L x 15  
 Tire Size (Pickup):  
   (2) 5.70 x 8  
 Replaceable Three Prong Plastic Teeth: Yes  
 Cross Conveyor Width: 42 In.  
 Tractor Size and Hydraulic Capacity Required  
   Standard Unit:  
   MINIMUM - 70 HP with 16 GPM/2000 PSI

Tractor Size and Hydraulic Capacity Required  
 Self Contained Unit:  
   MINIMUM - 70 HP with 5 GPM/2000 PSI  
 Hydraulic Remotes Needed  
   Standard Unit: 2  
   Self Contained Unit: 1  
 Approximate Set-Up Times  
   Standard Unit: 2.5  
   Self Contained Unit: 3  
  
 Extension Length for Harvester with Narrow (3.0 Meter) Pick-up Head:  
   Cut Width of 9 Ft. - 10 Ft.: N/A  
   Cut Width of 12 Ft.:  
     No extension required  
   Cut Width of 14 Ft.: 2 Ft.  
   Cut Width of 16 Ft.: 4 Ft.  
   Cut Width of 18 Ft.: 6 Ft.  
  
 Extension Length for Harvester with Wide (4.5 Meter) Pick-up Head:  
   Cut Width of 14 Ft.:  
     No Extension Required  
   Cut Width of 16 Ft.: 2 Ft.  
   Cut Width of 18 Ft.: 4 Ft.

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

**BASE MACHINE**

0031XF		HM1209 Hydra-Swing Merger 9 Ft. Head. Includes rolling crop deflector, but does NOT include wind apron, which is no longer necessary.	34,151.00
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**PTO HYDRAULIC DRIVE**

1000		PTO Hydraulic Drive Self contained pump and reservoir.	4,598.00
1095		Less PTO Hydraulic Drive	In Base Price

**CONVEYOR EXTENSION**

2002		Conveyor Extension 2 Ft. folding	4,329.00
2095		Less Conveyor Extension	In Base Price
2004		4 Ft. Folding Conveyor Extension	4,782.00
2006		6 Ft. Folding Conveyor Extension	5,310.00

**FRONTIER PRODUCTS**  
**Hay & Forage**

**HM1209 Hydra-Swing Merger**  
Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
		<b>CONVEYOR EXTENSION</b>	
9000		Cross Conveyor Shut-Off	1,215.00
		<b>OPERATOR'S MANUAL AND DECALS</b>	
9200		French Operators Manual & Decals <i>HM12 Series Hay Mergers</i>	No Charge
		<b>HYDRAULICS</b>	
9010		Windrow Inverter (HM12 Series Hay Mergers) <i>Left hand discharge.</i>	305.00
		<b>ATTACHMENTS FOR FIELD CONVERSION</b>	
		<b>Miscellaneous</b>	
	5PHSMO2	2 Ft. Folding Conveyor Extension	4,932.36
	5PHSMO4	4 Ft. Folding Conveyor Extension	5,450.76
	5PHSMO6	6 Ft. Folding Conveyor Extension	6,051.24
	5PHSMOCSOK	Cross Conveyor Shut-Off	1,312.20
	5HP1108FKM12	French Operators Manual & Decals HM12 Series Hay Mergers	45.92
	5PHSMO3	PTO Hydraulic Drive (HM12 Series Hay Merger)	5,239.08
	5PHSMO1	Windrow Inverter HM12 Series Hay Mergers	329.40

**FRONTIER PRODUCTS**

**Hay & Forage**

**HM1212 Hydra-Swing Merger**  
 Equipment for Base Machine

Pickup Width: 12 Ft.  
 Base Unit Width: 15 Ft. 4 In.  
 Base Unit Height: 5 Ft. 3 In.  
 Base Unit Length: N/A  
 Unit Width with  
   Optional Accelerator Roller: N/A  
   Optional 2 Ft. Conveyor Extension (Fixed): N/A  
   Optional 2 Ft. Extension Unfolded: 17 Ft. 4 In.  
   Optional 4 Ft. Extension Unfolded: 19 Ft. 4 In.  
   Optional 6 Ft. Extension Unfolded: 21 Ft. 4 In.  
   Optional Extension Folded: 15 Ft. 10 In.  
 Base Unit Length  
   Pole Swung In: 22 Ft.  
   Pole Swung Out: 21 Ft.  
 Base Unit Weight  
   Standard Unit: 4173 lbs.  
   Self Contained Unit: 4593 lbs.  
 Tire Size (Frame):  
   (1) 6.70 x 15 and (2) 9.5L x 15  
 Tire Size (Pickup):  
   (2) 5.70 x 8  
 Replaceable Three Prong Plastic Teeth: Yes  
 Cross Conveyor Width: 42 In.  
 Tractor Size and Hydraulic Capacity Required  
   Standard Unit:  
   MINIMUM - 70 HP with 16 GPM/2000 PSI

Tractor Size and Hydraulic Capacity Required  
 Self Contained Unit:  
   MINIMUM - 70 HP with 5 GPM/2000 PSI  
 Hydraulic Remotes Needed  
   Standard Unit: 2  
   Self Contained Unit: 1  
 Approximate Set-Up Times  
   Standard Unit: 2.5  
   Self Contained Unit: 3  
  
 Extension Length for Harvester with Narrow (3.0 Meter) Pick-up Head:  
   Cut Width of 9 Ft. - 10 Ft.: N/A  
   Cut Width of 12 Ft.:  
     No extension required  
   Cut Width of 14 Ft.: 2 Ft.  
   Cut Width of 16 Ft.: 4 Ft.  
   Cut Width of 18 Ft.: 6 Ft.  
  
 Extension Length for Harvester with Wide (4.5 Meter) Pick-up Head:  
   Cut Width of 14 Ft.:  
     No Extension Required  
   Cut Width of 16 Ft.: 2 Ft.  
   Cut Width of 18 Ft.: 4 Ft.

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

**BASE MACHINE**

0032XF		HM1212 Hydra-Swing Merger 12 Ft. head. Includes rolling crop deflector, but does NOT include wind apron, which is no longer necessary.	39,235.00
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**PTO HYDRAULIC DRIVE**

1000		PTO Hydraulic Drive Self contained pump and reservoir.	4,598.00
1095		Less PTO Hydraulic Drive	In Base Price

**CONVEYOR EXTENSION**

2002		Conveyor Extension 2 Ft. folding	4,329.00
2095		Less Conveyor Extension	In Base Price
2004		4 Ft. Folding Conveyor Extension	4,782.00
2006		6 Ft. Folding Conveyor Extension	5,310.00

## FRONTIER PRODUCTS

## Hay &amp; Forage

## HM1212 Hydra-Swing Merger

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		<b>CONVEYOR EXTENSION</b>	
9000		Cross Conveyor Shut-Off	1,215.00
		<b>OPERATOR'S MANUAL AND DECALS</b>	
9200		French Operators Manual & Decals <i>HM12 Series Hay Mergers</i>	No Charge
		<b>HYDRAULICS</b>	
9010		Windrow Inverter (HM12 Series Hay Mergers) <i>Left hand discharge.</i>	305.00
		<b>ATTACHMENTS FOR FIELD CONVERSION</b>	
		<b>Miscellaneous</b>	
	5PHSMO2	2 Ft. Folding Conveyor Extension	4,932.36
	5PHSMO4	4 Ft. Folding Conveyor Extension	5,450.76
	5PHSMO6	6 Ft. Folding Conveyor Extension	6,051.24
	5PHSMOCSOK	Cross Conveyor Shut-Off	1,312.20
	5HP1108FKM12	French Operators Manual & Decals HM12 Series Hay Mergers	45.92
	5PHSMO3	PTO Hydraulic Drive (HM12 Series Hay Merger)	5,239.08
	5PHSMO1	Windrow Inverter HM12 Series Hay Mergers	329.40



**FRONTIER PRODUCTS**  
**Hay & Forage**

**BU1060 Bale Unroller**  
 Equipment for Base Machine

3-Point Hitch Compatibility:  
 Category I and II (iMatch and  
 Quick Coupler - II and IITN)  
 Framing: Tubular  
 Optional Hydraulics:  
 2 In. x 8 In. Hydraulic Cylinder  
 Dimensions:  
 24 In. H x 50 In. W x 53 In. L  
 Equipment Weight: 310 lb.

Bale Handling Capacity:  
 One Large Round Bale (2000 lb. limit)

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

**BASE MACHINE**

0011XF		BU1060 Bale Unroller	1,129.00
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**HYDRAULIC ACTUATION**

1010		Hydraulic Kit to Actuate BU1060 Bale Unroller <i>Includes cylinder, hoses, and tips.</i>	360.00
1095		Less Hydraulic Actuation <i>2 In. x 8 In. hydraulic cylinder required with approximately 60 In. of 1/4 In. hose recommended.</i>	In Base Price

**ATTACHMENTS FOR FIELD CONVERSION**

	<b>Miscellaneous</b>		
5WS832135		Hydraulic Kit to Actuate Bale Unroller - Includes Cylinder, Hoses, and Tips (BU1060)	395.60

**FRONTIER PRODUCTS**

**Hay & Forage**

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**BU1060 Bale Unroller**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**BC1108 Bale Carrier - U.S.**  
 Equipment for Base Machine

Handles bale sizes from 4' x 4' to 5' x 5'  
 (diameter x width)  
 4' bale width - 8 bale capacity  
 5' bale width - 6 bale capacity  
 Complete self-loading and unloading operation  
 2 remote outlets required to operate  
 Comes complete with electric diverter valve for  
 third function to operate unloading tilt cylinder  
 All wiring and hose couplers included  
 Heavy duty loading arm  
 Transport safety lights, SMV, reflectors

Double cylinders on tilt bed  
 (4) 12.5 x 15 12 ply tires  
 10' 5" wide  
 20' long plus extensions for end bale

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

**BASE MACHINE**

0252XF		BC1108 Bale Carrier - U.S. <i>Includes rear extensions.</i>	27,691.00
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**ATTACHMENTS FOR FIELD CONVERSION**

		<b>Operator's Manual And Decal Kit</b>	
5TBBC118FROM		French Operators Manual & Decals BC1108 Bale Carrier	48.16

**FRONTIER PRODUCTS**  
**Hay & Forage**

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**BC1108 Bale Carrier - U.S.**  
Continued

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**BC1110 Bale Carrier - U.S.**  
 Equipment for Base Machine

Handles bale sizes up to 6' x 6' (diameter x width) (4) 32/15.5x16.5 14ply Galaxy Tires  
 6' bale width - 10 bale capacity 11' 11" wide  
 Complete self-loading and unloading operation 28' long plus extensions for end bale  
 2 remote outlets required to operate  
 Comes complete with electric diverter valve for  
 third function to operate unloading tilt cylinder  
 All wiring and hose couplers included  
 Heavy duty loading arm  
 Transport safety lights, SMV, reflectors  
 Double cylinders on tilt bed

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

**BASE MACHINE**

0253XF		BC1110 Bale Carrier - U.S. <i>Includes rear extensions.</i>	33,545.00
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**ATTACHMENTS FOR FIELD CONVERSION**

	<b>Operator's Manual And Decal Kit</b>		
5TBBC110FROM	French Operators Manual & Decals BC1110 Bale Carrier		48.16

**FRONTIER PRODUCTS**  
**Hay & Forage**

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**BC1110 Bale Carrier - U.S.**  
Continued

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**FRONTIER PRODUCTS**

**Hay & Forage**

**LW1166 Inline Bale Wrapper - U.S.**  
 Equipment for Base Machine

Fully automatic cycling  
 Electric start 13 HP Honda gas engine (18 amp charging system)  
 Spark arrester on engine  
 Low oil alert on engine  
 Transport safety lights, SMV, reflectors  
 Temperature gauge on hydraulic tank  
 Lock pin on hoop to reload plastic  
 Hydraulic steering  
 Electric hydraulic switch in control panel  
 Main control panel wired for field installed options  
 Hydraulic over center cam axle to pack bales tightly

Adjustable stroke length on charge table  
 2 - 30" pretensioners  
 Cross tube unloading (to push off last bale)  
 Adjustable length tongue  
 Automatically idles down when cycle completed  
 Safety shut off switch on guards  
 Guide rollers for side hill operation  
 Lug tires on rear axle

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

**BASE MACHINE**

0261XF		LW1166 Inline Bale Wrapper - U.S. <i>Includes plastic sensor shutdown and guide rollers.</i>	39,155.00
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**HYDRAULIC POWER DRIVE**

1010		Single Wheel Hydraulic Power Drive <i>LW1166</i>	866.00
1020		Dual Wheel Hydraulic Power Drive <i>LW1166</i>	1,737.00
1095		No Hydraulic Power Drive	In Base Price

**ENGINE**

2000		13 HP Honda Engine	In Base Price
2010		20 HP Honda Engine <i>Includes High Flow Pump for faster cycle times.</i>	3,188.00

**REMOTE CONTROL**

3010		Remote Steering and Shutdown	1,275.00
3095		No Remote Steering and Shutdown	In Base Price

**BALE PUSH OFF ARM**

5020		No Bale Push Off Arm	In Base Price
5021		Bale Push Off Arm	942.00

**BALE FOLLOWER**

1810		No Bale Follower	In Base Price
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**FRONTIER PRODUCTS**  
**Hay & Forage**

**LW1166 Inline Bale Wrapper - U.S.**  
 Continued

<b>Code</b>	<b>Attachment Identifier</b>	<b>Description</b>	<b>List Price Suggested USD (\$)</b>
1811		<b>BALE FOLLOWER ...Continued...</b> Bale Follower	1,666.00
<b>WORK LIGHTS</b>			
8010		Halogen Night Working Lights <i>Includes three lights.</i>	251.00
8041		LED Night Working Lights <i>Includes three lights.</i>	472.00
<b>TWIN WRAP KIT</b>			
8030		Twin Wrap Kit <i>For double plastic.</i>	615.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
<b>Miscellaneous</b>			
5TBGSF		Bale Follower	See Parts
5TBMPO5000F		Bale Push Off Arm	868.87
5TBNWLKLEDF		LED Night Working Lights	434.43
5TBHPDD5000F		LW11 Dual Wheel Hydraulic Power Drive	1,563.15
5TBHPD5000F		LW11 Single Wheel Hydraulic Power Drive	787.66
5TBNWLKF		LW11/LW12 Halogen Night Working Lights	227.36
5TBRSSKX2HDF		LW11/LW12 Remote Steering and Shutdown	1,149.02
5TBTWKF		LW11/LW12 Twin Wrap Kit	560.30
5TBSSKF		Shielding <i>(Order only for machines sold into Quebec.)</i>	0.00



**FRONTIER PRODUCTS**

**Hay & Forage**

**LW1266 Inline Bale Wrapper - U.S.**  
 Equipment for Base Machine

Fully automatic cycling  
 Electric start 13 HP Honda gas engine (18 amp charging system)  
 Spark arrester on engine  
 Low oil alert on engine  
 Transport safety lights, SMV, reflectors  
 Temperature gauge on hydraulic tank  
 Lock pin on hoop to reload plastic  
 Roller bed rises for round to square bales  
 Hydraulic steering  
 Electric hydraulic switch in control panel  
 Main control panel wired for field installed options  
 Hydraulic over center cam axle to pack bales tightly  
 Adjustable stroke length on charge table

2 - 30" pretensioners  
 Cross tube unloading (to push off last bale)  
 Hydraulic lift ramp  
 Adjustable length tongue  
 Automatically idles down when cycle completed  
 Safety shut off switch on guards  
 Square bale riser bars  
 Lug tires on rear axle (when ordering hydraulic power drive)

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

**BASE MACHINE**

0271XF		LW1266 Inline Bale Wrapper - U.S. <i>Includes plastic sensor shutdown.</i>	42,700.00
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**HYDRAULIC POWER DRIVE**

1010		Single Wheel Hydraulic Power Drive <i>LW1266</i>	1,465.00
1020		Dual Wheel Hydraulic Power Drive <i>LW1266</i>	2,773.00
1095		No Hydraulic Power Drive	In Base Price

**ENGINE**

2000		13 HP Honda Engine	In Base Price
2010		20 HP Honda Engine <i>Includes High Flow Pump for faster cycle times.</i>	3,188.00

**REMOTE CONTROL**

3010		Remote Steering and Shutdown	1,275.00
3095		No Remote Steering and Shutdown	In Base Price

**BALE FOLLOWER**

1810		No Bale Follower	In Base Price
1811		Bale Follower	1,666.00

**WORK LIGHTS**

**FRONTIER PRODUCTS**  
**Hay & Forage**

**LW1266 Inline Bale Wrapper - U.S.**  
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
8010		<b>WORK LIGHTS ...Continued...</b> Halogen Night Working Lights <i>Includes three lights.</i>	251.00
8041		LED Night Working Lights <i>Includes three lights.</i>	472.00
8030		<b>TWIN WRAP KIT</b> Twin Wrap Kit <i>For double plastic.</i>	615.00
8020		<b>MISCELLANEOUS</b> Guide Rollers <i>For side hill operation.</i>	507.00
8040		Quick Start Power Jack <i>Includes fuel pump.</i>	1,051.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>			
5TBGSF		<b>Miscellaneous</b> Bale Follower	See Parts
5TBNWKLKLEDF		LED Night Working Lights	434.43
5TBNWLKF		LW11/LW12 Halogen Night Working Lights	227.36
5TBRSSKX2HDF		LW11/LW12 Remote Steering and Shutdown	1,149.02
5TBTWKF		LW11/LW12 Twin Wrap Kit	560.30
5TBHPDD5500F		LW12 Dual Wheel Hydraulic Power Drive	2,492.93
5TBQSPJF		LW12 Quick Start Power Jack	933.83
5TBGRF		LW12 Side Hill Guide Rollers	454.73
5TBHPD5500F		LW12 Single Wheel Hydraulic Power Drive	1,319.54
5TBSSKF		Shielding <i>(Order only for machines sold into Quebec.)</i>	0.00

**FRONTIER PRODUCTS**  
**Hay & Forage**

**SB3106 - 5 ft. 9 In Sickle Bar Mower**  
 Equipment for Base Machine

Working Width: 5 ft. 9 in. (1.75 m)	for Belt Tension
Tractor PTO Speed: 540 RPM	Driveline Protection: Slip Clutch
Tractor PTO HP (Minimum): 25 HP	Safety Trip Linkage
Tractor PTO HP (Maximum): 50 HP	Hydraulic Lifting Cylinder for Cutting Bar
Hitch: Category I, Category II, and iMatch Compatible	Double Action Cutting Bar
Parking Stand Included	
Height Adjustment: Skid Shoes	
Drive: Belt with Manual Adjustment	

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

**BASE MACHINE**

0281XF		SB3106 - 5 ft. 9 In Sickle Bar Mower <i>Order in multiples of two.</i>	5,098.00
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**OPERATOR'S MANUAL AND PARTS CATALOG**

9200		French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

	<b>Miscellaneous</b>		
5GH89900522		French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	See Parts

**FRONTIER PRODUCTS**

**Hay & Forage**

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**SB3106 - 5 ft. 9 In Sickle Bar Mower**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**SB3107 - 6 Ft. 9 In. Sickle Bar Mower**  
 Equipment for Base Machine

Working Width: 6 ft. 9 in. (2.05 m) Tractor PTO Speed: 540 RPM Tractor PTO HP (Minimum): 25 HP Tractor PTO HP (Maximum): 50 HP Hitch: Category I, Category II, and iMatch Compatible Parking Stand Included Height Adjustment: Skid Shoes Drive: Belt with Manual Adjustment	for Belt Tension Driveline Protection: Slip Clutch Safety Trip Linkage Hydraulic Lifting Cylinder for Cutting Bar Double Action Cutting Bar
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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**

0282XF		SB3107 - 6 Ft. 9 In. Sickle Bar Mower <i>Order in multiples of two.</i>	5,323.00
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**OPERATOR'S MANUAL AND PARTS CATALOG**

9200		French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

		<b>Miscellaneous</b> French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	See Parts
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**SB3107 - 6 Ft. 9 In. Sickle Bar Mower**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**SB3108 - 7 Ft. 8 In. Sickle Bar Mower**  
 Equipment for Base Machine

Working Width: 7 Ft. 8 In. (2.35 m)	for Belt Tension
Tractor PTO Speed: 540 RPM	Driveline Protection: Slip Clutch
Tractor PTO HP (Minimum): 25 HP	Safety Trip Linkage
Tractor PTO HP (Maximum): 50 HP	Hydraulic Lifting Cylinder for Cutting Bar
Hitch: Category I, Category II, and iMatch Compatible	Double Action Cutting Bar
Parking Stand Included	
Height Adjustment: Skid Shoes	
Drive: Belt with Manual Adjustment	

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

**BASE MACHINE**

0283XF		SB3108 - 7 Ft. 8 In. Sickle Bar Mower <i>Order in multiples of two.</i>	5,529.00
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**OPERATOR'S MANUAL AND PARTS CATALOG**

9200		French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	No Charge
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**ATTACHMENTS FOR FIELD CONVERSION**

	<b>Miscellaneous</b>		
5GH89900522		French Operators Manual and Parts Catalog (SB31 Series Sickle Bar Mower)	See Parts

**FRONTIER PRODUCTS**

**Hay & Forage**

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**SB3108 - 7 Ft. 8 In. Sickle Bar Mower**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HS2001 - 3-Point Single Tine Hay Spear**  
 Equipment for Base Machine

<p>Primary Spears:                  One - 47 in. x 1.65 in. (119.4 cm. x 4.2 cm)                  (Approximate 41 in. (104.1 cm. Usable Length)                  Primary Spear Location: Top                  Stabilizing Spears:                  Two - 10 in. x 1.25 in. (25.4 cm. x 3.2 cm.)                  Stabilizing Spear Location: Bottom                  Replaceable Spears: Yes, Bolt-In Tine                  Framing: Tubular                  Bale Handling Capacity:                  One Large Round Bale                  Implement Capacity:                  2200 lbs. at 24 in. (997.9 kg. at 61 cm.)                  Hitch:</p>	<p>Category I and II                  (iMatch and Quick Coupler)                  Dimensions:                  24.75 in. (H) x 37.5 in. (W) x 49.5 in. (L) (62.9                  cm. x 95.3 cm. x 125.7 cm.)                  Assembly: 15 Minutes                  Operational Weight: 72 lbs. (32.7 kg.)                  Warranty: 1 Year</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**

2280XF	HS2001 - 3-Point Single Tine Hay Spear	390.00
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**HS2001 - 3-Point Single Tine Hay Spear**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HS2002 - 3-Point Dual Tine Hay Spear**  
 Equipment for Base Machine

**Primary Spears:**

Two - 47 in. x 1.65 in. (119.4 cm. x 4.2 cm)  
 (Approximate 42.5 in. (108 cm. Usable Length)

Primary Spear Location: Bottom

Replaceable Spears: Yes, Bolt-In Tine

Framing: Tubular

Bale Handling Capacity:

One Large Round Bale

Implement Capacity:

3000 lbs. at 24 in. (1,360.8 kg. at 61 cm.)

Hitch:

Category II and III

(Quick Coupler - II, III, and 3N)

**Dimensions:**

26.5 in. (H) x 47.5 in. (W) x 51.5 in. (L) (67.3  
 cm. x 120.7 cm. x 130.8 cm.)

Assembly: 15 Minutes

Operational Weight: 138 lbs. (62.6 kg.)

Warranty: 1 Year

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

**BASE MACHINE**

2281XF		HS2002 - 3-Point Dual Tine Hay Spear	546.00
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**HS2002 - 3-Point Dual Tine Hay Spear**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HS2003 - 3-Point Triple Tine Hay Spear**  
 Equipment for Base Machine

**Primary Spears:**

Three - 47 in. x 1.65 in. (119.4 cm. x 4.2 cm)  
 (Approximate 42.5 in. (108 cm. Usable Length)

Primary Spear Location: Bottom

Replaceable Spears: Yes, Bolt-In Tine

Framing: Tubular

Bale Handling Capacity:

One Large Square Bale

Implement Capacity:

3000 lbs. at 24 in. (1,360.8 kg. at 61 cm.)

Hitch:

Category II and III

(Quick Coupler - II, III, and 3N)

**Dimensions:**

26.5 in. (H) x 60 in. (W) x 51.5 in. (L) (67.3  
 cm. x 152.4 cm. x 130.8 cm.)

Assembly: 30 Minutes

Operational Weight: 178 lbs. (80.7 kg.)

Warranty: 1 Year

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

**BASE MACHINE**

2282XF		HS2003 - 3-Point Triple Tine Hay Spear	800.00
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**HS2003 - 3-Point Triple Tine Hay Spear**

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**FRONTIER PRODUCTS**  
**Hay & Forage**

**HS2004 - 3-Point Quadruple Tine Hay Spear**  
 Equipment for Base Machine

Primary Spears:

Four - 47 in. x 1.65 in. (119.4 cm. x 4.2 cm)  
 (Approximate 42.5 in. (108 cm. Usable Length)  
 Primary Spear Location: Bottom  
 Replaceable Spears: Yes, Bolt-In Tine  
 Framing: Tubular  
 Bale Handling Capacity:  
 Two Large Round Bales (up to 5 ft. x 6 ft. (1.5 m  
 x 1.8 m)  
 Implement Capacity:  
 4000 lbs. at 24 in. (1,814.4 kg. at 61 cm.)  
 Hitch:  
 Category II and III

(Quick Coupler - II, III, and 3N)  
 Dimensions:  
 26.5 in. (H) x 96 in. (W) x 51.5 in. (L) (67.3  
 cm. x 243.8 cm. x 130.8 cm.)  
 Assembly: 30 Minutes  
 Operational Weight: 255 lbs. (115.7 kg.)  
 Warranty: 1 Year

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

**BASE MACHINE**

2283XF		HS2004 - 3-Point Quadruple Tine Hay Spear	1,088.00
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**FRONTIER PRODUCTS**

**Hay & Forage**

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**HS2004 - 3-Point Quadruple Tine Hay Spear**  
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