

FRONTIER PRODUCTS
Livestock & Equine Management

Grinder Mixer
Equipment for Base Machine

Tank Capacity - Bushels: 135
 Tank Capacity - Cubic Ft.: 170
 Tank Diameter: 72"
 Diameter of Mixing Auger: 14" Diameter w/30" Base
 Ladder: Standard - Front Mount Over Mill
 Tank Windows: 2 - Full Length & 1 Port Hole Style
 Overall Height: 10' 7"
 Overall Width w/o Intake Auger: 7' 9"
 Overall Width w/ Intake Auger: ---
 Overall Length: 15' 8"
 Ground Clearance: 11.5 in.
 Supplement Hopper: 18 X 23 in.
 Supplement Hopper Height: 35 in.
 Feeder: Gravity Hopper or Standard Swinging Intake Auger (SIA)
 Fenders: Standard
 PTO Drive: 540 or 1000 RPM
 "H.P. Requirement: 540 RPM 50 to 115 HP
 1000 RPM 50 to 145 HP "
 Tires: 12.5L - 15 - 20 Ply
 Jack: Standard
 Safety Chain: Standard
 Weight w/Auger Feeder: 3,600 lbs
 Auger Feeder Length: 84 in.
 Auger Diameter: 12 in.
 Infeed Hopper: 42" w/Fold-In-Flare - Adjustable as low as 20" Drive: Direct Drive Independent

Hydraulic Motor
 Hammermill Width: 21 in.
 Cylinder Diameter: 20 in.
 Grinder Drive: 8 "A" Section Banded V-Belt
 Grinder Hammers: 66-4 Way Reversible Steel Alloy
 Grinder Screen Area: 600 Sq. In.
 Throat Magnet: 2 - 4"x18"
 Cylinder Speed: 2700 RPM
 Unloading Auger Tube Diameter: 8 in.
 Unloading Auger Length: 12 ft.
 Unloading Auger Rotation: 300 Degrees
 Unloading Auger Reach Standard: 19' @ 53 Degrees
 Unloading Auger w/3' Extension: 21' 6" @ 53 Degrees
 Unloading Auger w/6' Extension: 23' 10" @ 53 Degrees
 Self-Contained: Includes Pulley-Driven Pump, Reservoir & Pressure Relief Valve
 Pump Pressure: 2,600 PSI Maximum
 Oil Flow: 10.5 G.P.M.
 Hydraulic Reservoir: Cyclonic Reservoir
 Oil Filter: 10 Micron

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|---------------|---|-----------|
| 5001XF | Grinder Mixer | 135 bushel tank capacity. Includes Intake Auger, Fenders & Lights | 49,085.00 |
|--------|---------------|---|-----------|

DISCHARGE AUGER EXTENSION

| | | | |
|------|---------------------------------|---|---------------|
| 1120 | 3 Ft. Discharge Auger Extension | Includes Discharge Auger Cradle Extension | 846.00 |
| 1140 | 6 Ft Discharge Auger Extension | Includes Discharge Auger Cradle Extension | 1,024.00 |
| 1195 | No Discharge Auger Extension | | In Base Price |

POWER TAKE-OFF (PTO)

| | | | |
|------|--|--|---------------|
| 1300 | 540 RPM PTO Overrunning/Torque Limiting Clutch | | In Base Price |
| 1320 | 1000 RPM PTO 1 3/8" Shearbolt | | 1,062.00 |

AXLES

| | | | |
|------|---------------|---|----------|
| 1420 | EZ 2500 Scale | With Net/Tare/Gross modes | 3,251.00 |
| 1440 | EZ 3400 Scale | With Net/Tare/Gross/Batch and Ingredient Accumulation modes, with external horn | 3,766.00 |

FRONTIER PRODUCTS
Livestock & Equine Management

Grinder Mixer
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|--|-------------------------------|
| AXLES ...Continued... | | | |
| 1495 | | Less Scale Monitor | In Base Price |
| DISCHARGE AUGER CRADLE | | | |
| MISCELLANEOUS | | | |
| 8000 | | High-Moisture Kit-540 RPM <i>Use with 540 RPM only</i> | 1,971.00 |
| 8010 | | High-Moisture Kit - 1000 RPM <i>Use with 1000 RPM only</i> | 1,889.00 |
| MISCELLANEOUS | | | |
| 9000 | | 1 In. Mill Screen | 186.00 |
| 9010 | | 1-1/2 In. Mill Screen | 218.00 |
| 9020 | | 1-1/4 In. Mill Screen | 201.00 |
| 9030 | | 1/2 In. Mill Screen | 170.00 |
| 9040 | | 1/4 In. Mill Screen | 214.00 |
| 9050 | | 1/8 In. Mill Screen | 274.00 |
| 9060 | | 2 In. Mill Screen | 216.00 |
| 9070 | | 3/16 In. Mill Screen | 319.00 |
| 9080 | | 3/4 In. Mill Screen | 115.00 |
| 9090 | | 3/8 In. Mill Screen | 148.00 |
| 9100 | | 5/16 In. Mill Screen | 181.00 |
| 9110 | | 5/8 In. Mill Screen | 129.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decal Kit <i>GX1117 Grinder Mixer</i> | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| | | Miscellaneous: | |
| | 5HPGMSCRN1 | 1" Mill Screen | 197.64 |
| | 5HPGMSCRN1121 | 1-1/2" Mill Screen | 230.04 |
| | 5HPGMSCRN1141 | 1-1/4" Mill Screen | 212.76 |

FRONTIER PRODUCTS
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Grinder Mixer
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| ATTACHMENTS FOR FIELD CONVERSION ...Continued... | | | |
| | 5HPGMSCRN12 | 1/2" Mill Screen | 179.28 |
| | 5HPGMSCRN14 | 1/4" Mill Screen | 225.72 |
| | 5HPGMSCRN18 | 1/8" Mill Screen | 289.44 |
| | 5HPGMSCRN2 | 2" Mill Screen | 228.96 |
| | 5HPGMOEXT3 | 3 FT Discharge Auger | 972.00 |
| | 5HPGMSCRN3163/16" | Mill Screen | 338.04 |
| | 5HPGMSCRN34 | 3/4" Mill Screen | 126.56 |
| | 5HPGMSCRN38 | 3/8" Mill Screen | 162.40 |
| | 5HPGMSCRN5165/16" | Mill Screen | 191.16 |
| | 5HPGMSCRN58 | 5/8" Mill Screen | 141.12 |
| | 5HPGMOEXT6 | 6 FT Discharge Auger | 1,170.98 |
| | 5HPGMOSCLRB | EZ 2500 Scale <i>With Net/Tare/Gross modes.</i> | 2,225.25 |
| | 5HPGMOSCLRHEEZ | 3400 Scale <i>With Net/Tare/Gross/Batch and Ingredient Accumulation modes, with external horn.</i> | 2,806.60 |
| | 5HP1009FKGX7 | French Operator's Manual and Decal Kit <i>GX1117 Grinder Mixer.</i> | 62.53 |
| | 5HPGMOHKM1K | Hi-Moisture Kit 1000 RPM | See Parts |
| | 5HPGMOHKM540 | Hi-Moisture Kit 540 RPM | 2,086.56 |

Grinder Mixer
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1117 - 175 Bushel PTO Driven Two Speed Manure Spreader
 Equipment for Base Machine

Number of Paddles: 8
 Main Apron Chain: T-Rod
 Tractor HP (2WD): 38 HP
 Capacity - Cubic Foot Struck Level: 105
 Capacity - Heaped (Old Rating)
 Bushels: 175 Bushels
 Box Construction:
 Corrosion Resistant Galvanized Steel
 Frame Design: Box on Frame
 Floor Construction: Bonded Poly
 Shear Bolt Protection: Drive Line
 Apron Drive: Gearbox, 2 Speed PTO
 Swing Away Jack: Standard
 Inside Length: 11 Ft. 1 In.
 Diameter of Beater: 27 In.
 Weight with Tires: 2030 lbs.
 Standard Tire Size: 10R x 22.5
 Overall Width with Standard Tires: 83-1/2 In.
 Overall Height with Hydraulic Endgate: 49 In.
 Overall Loading Height
 - Top of Flare: 45-1/2 In.
 Inside Depth: 25-3/4 In.
 Inside Width: 54 In.
 Top of Flare Width: 63-1/2 In.

Approximate Tongue Weight Loaded: 1022 lbs.
 Approximate Weight Spreader
 - Fully Loaded: 8508 lbs.
 Overall Length: 17 Ft. 8 In.
 Spindle Size: 2 In.
 Rear Hydraulic Endgate: Optional
 Semi Liquid Rear Pan: Optional
 PTO Speed: 540 RPM
 Drive System - Apron and Beater: PTO Driven
 Replaceable Paddles: No
 Hub Style: Greaseable
 Axle: Single
 Set-Up Time: 30 Minutes
 Warranty: 1 Year Parts and Labor,
 Poly Floors - 10 Year Warranty
 to Original Owner when used to spread normal
 agricultural manure.

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|---|-----------|
| 0806XF | | MS1117 - 175 Bushel PTO Driven Two Speed Manure Spreader <i>Includes 540 RPM PTO</i> | 11,895.00 |
|--------|--|---|-----------|

REAR PAN

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|------|--|---|--------|
| 7000 | | Rear Pan <i>Recommended when spreading slurry.</i> | 430.00 |
|------|--|---|--------|

END GATE

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|------|--|--------------------|----------|
| 7050 | | Hydraulic End Gate | 1,438.00 |
|------|--|--------------------|----------|

BEATER

| | | | |
|------|--|------------|--------|
| 9000 | | Top Beater | 998.00 |
|------|--|------------|--------|

ATTACHMENTS FOR FIELD CONVERSION

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|-------------|--|---|----------|
| | | Miscellaneous: | |
| 5HPMSO2B175 | | Hydraulic End Gate | 1,521.72 |
| 5HPMSO3B3 | | Rear Pan <i>Recommended when spreading slurry.</i> | 454.68 |
| 5HPMSOTB175 | | Top Beater <i>For MS1117.</i> | 1,057.32 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1117 - 175 Bushel PTO Driven Two Speed Manure Spreader
Continued

FRONTIER PRODUCTS
Livestock & Equine Management

MS1112 - 125 Bushel PTO Driven Two Speed Manure Spreader
 Equipment for Base Machine

| | |
|---|---|
| Swing Away Jack: Standard Main Apron Chain: #67XH Chain Tractor HP (2WD): 33 HP Capacity - Cubic Foot Struck Level: 75 Capacity - Heaped (Old Rating) Bushels: 125 Bushels Box Construction: Corrosion Resistant Galvanized Steel Frame Design: Box Frame Floor Construction: Bonded Poly Shear Bolt Protection: One Bolt for Both Drive and Beater Weight with Tires: 1600 lbs. Number of Paddles: 10 Standard Tire Size: 10.00 x 15 PTO Drive: 540 RPM Top of Flare Width: 54 In. Overall Width with Standard Tires: 80 In. Overall Height with Hydraulic Endgate: N/A Overall Loading Height - Top of Flare: 43-1/2 In. Overall Length: 15 Ft. 3 In. Inside Depth: 22 In. Inside Length: 10 Ft. 6 In. | Inside Width: 48 In. Spindle Size: 2 In. Diameter of Beater: 22 In. Approximate Tongue Weight Loaded: 997 lbs. Approximate Weight Spreader - Fully Loaded: 6820 lbs. Semi Liquid Rear Pan: Optional Drive System - Apron and Beater: PTO Driven Apron Drive: Timken Drive, Two Speed Apron Speed: Single Speed Replaceable Beaters: No Hub Style: Greaseable Axle: Single Set-Up Time: 30 Minutes Warranty: 1 Year Parts and Labor, Poly Floors - 10 Year Warranty to Original Owner when used to spread normal agricultural manure. |
|---|---|

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|----------------------|----------|
| 0805XF | MS1112 - 125 Bushel PTO Driven Two Speed Manure Spreader | Includes 540 RPM PTO | 9,289.00 |
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REAR PAN

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|------|----------|------------------------------------|--------|
| 7000 | Rear Pan | Recommended when spreading slurry. | 395.00 |
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ATTACHMENTS FOR FIELD CONVERSION

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| | Miscellaneous: | | |
| 5HPMSOPAN12 | Rear Pan | Recommended when spreading slurry. | See Parts |

MS1112 - 125 Bushel PTO Driven Two Speed Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1108 - 80 Bushel PTO Driven Two Speed Manure Spreader
 Equipment for Base Machine

Swing Away Jack: Standard
 Standard Tire Size: 6.70 x 15
 PTO Speed: 540 RPM
 Floor Construction: Bonded Poly
 Shear Bolt Protection:
 Drive Line and Beater
 Box Construction:
 Corrosion Resistant Galvanized Steel
 Frame Design: Box Frame
 Capacity - Heaped (Old Rating)
 Bushels: 80 Bushels
 Capacity - Cubic Foot Struck Level: 53
 Main Apron Chain: #67H Chain
 Tractor HP (2WD): 23 HP
 Number Of Paddles: 10
 Weight with Tires: 1140 lbs.
 Approximate Tongue Weight Loaded: 737 lbs.
 Approximate Weight Spreader
 - Fully Loaded: 4923 lbs.
 Overall Width with Standard Tires: 76 In.
 Overall Height with Hydraulic Endgate: N/A
 Overall Loading Height -
 Top of Flare: 37 In.
 Overall Length: 13 Ft. 8 In.

Inside Depth: 17 In.
 Inside Length: 96 In.
 Inside Width: 48 In.
 Top of Flare Width: 51 In.
 Spindle Size: 2 In.
 Diameter of Beater: 18-1/2 In.
 Semi Liquid Rear Pan: Optional
 Drive System - Apron and Beater: PTO Driven
 Apron Drive: Timken Drive, Two Speed
 Apron Speed: Two Speed
 Replaceable Paddle: No
 Hub Style: Greaseable
 Axle: Single
 Set-Up Time: 30 Minutes
 Warranty: 1 Year Parts and Labor,
 Poly Floors - 10 Year Warranty
 to Original Owner when used to spread normal
 agricultural manure.

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|----------|
| 0804XF | | MS1108 - 80 Bushel PTO Driven Two Speed Manure Spreader <i>Includes 540 RPM PTO</i> | 7,279.00 |
|--------|--|--|----------|

REAR PAN

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|------|--|---|--------|
| 7000 | | Rear Pan <i>Recommended when spreading slurry.</i> | 365.00 |
|------|--|---|--------|

ATTACHMENTS FOR FIELD CONVERSION

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| | | Miscellaneous: Rear Pan <i>Recommended when spreading slurry.</i> | 386.64 |
|--|--|--|--------|

MS1108 - 80 Bushel PTO Driven Two Speed Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1108G - 80 Bushel Ground Driven Manure Spreader
 Equipment for Base Machine

Spindle Size: 2 In.
 Overall Height with Hydraulic Endgate: N/A
 Overall Loading Height -
 Top of Flare: 37 In.
 Overall Length: 13 Ft. 8 In.
 Inside Depth: 17 In.
 Inside Length: 96 In.
 Inside Width: 48 In.
 Top of Flare Width: 51 In.
 Standard Tire Size: 6.70 x 15
 Approximate Tongue Weight Loaded: 570 lbs.
 Approximate Weight Spreader
 - Fully Loaded: 4276 lbs.
 Weight with Tires: 1140 lbs.
 Swing Away Jack: Standard
 Apron Drive: Adjustable Ratchet
 Drive - Ground Driven
 Apron Speed: Single Speed
 Floor Construction: Bonded Poly
 Shear Bolt Protection: Driveline and Beater
 Frame Design: Box Frame
 Box Construction:
 Corrosion Resistant Galvanized Steel
 Capacity - Cubic Foot Struck Level: 53

Main Apron Chain: #67H Chain
 Tractor HP (2WD): 23 HP
 Number Of Paddles: 10
 Diameter Of Beater: 18-1/2 In.
 Capacity - Heaped (Old Rating)
 Bushels: 80 Bushels
 Overall Width with Standard Tires: 76 In.
 Semi Liquid Rear Pan: Optional
 Drive System - Apron and Beater:
 Ground Driven
 Replaceable Paddles: No
 Hub Style: Greaseable
 Axle: Single
 Set-Up Time: 30 Minutes
 Warranty: 1 Year Parts and Labor,
 Poly Floors - 10 Year Warranty
 to Original Owner when used to spread normal
 agricultural manure.

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

| BASE MACHINE | | | |
|---|--|---|----------|
| 0803XF | | MS1108G - 80 Bushel Ground Driven Manure Spreader | 5,802.00 |
| REAR PAN | | | |
| 7000 | | Rear Pan <i>Recommended when spreading slurry.</i> | 365.00 |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| | | Miscellaneous: | |
| 5HPMSO3C | | Rear Pan <i>Recommended when spreading slurry.</i> | 386.64 |

MS1108G - 80 Bushel Ground Driven Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1105G - 50 Bushel Ground Driven Manure Spreader
 Equipment for Base Machine

Spindle Size: 1-3/4 In.
 Capacity - Cubic Foot Struck Level: 35
 Swing Away Jack: Standard
 Weight with Tires: 790 lbs.
 Apron Drive: Adjustable Ratchet
 Drive - Ground Driven
 Apron Speed: Two Speed - per Adjustable Ratchet
 Floor Construction: Bonded Poly
 Capacity - Heaped (Old Rating)
 Bushels: 50 Bushels
 Main Apron Chain: #62 Chain
 Tractor HP (2WD): 17.7 HP
 Number of Paddles: 8
 Diameter of Beater: 17-1/2 In.
 Inside Width: 36 In.
 Frame Design: Box Frame
 Box Construction:
 Corrosion Resistant Galvanized Steel
 Standard Tire Size: 7.60 x 15
 Top of Flare Width: 36 In.
 Inside Length: 97 In.
 Inside Depth: 17-1/2 In.
 Overall Length: 13 Ft. 4 In.
 Approximate Tongue Weight Loaded: 422 lbs.

Approximate Weight Spreader
 - Fully Loaded: 3266 lbs.
 Overall Loading Height
 - top Of Flare: 32-1/2 In.
 Overall Height with Hydraulic Endgate: N/A
 Overall Width with Standard Tires: 58 In.
 Semi Liquid Rear Pan: Optional
 Drive System - Apron and Beater:
 Ground Driven
 Replaceable Paddle: No
 Hub Style: Greaseable
 Axle: Single
 Set-Up Time: 30 Minutes
 Warranty: 1 Year Parts and Labor,
 Poly Floors - 10 Year Warranty
 to Original Owner when used to spread normal
 agricultural manure.

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|---|----------|
| 0802XF | | MS1105G - 50 Bushel Ground Driven Manure Spreader | 5,084.00 |
|--------|--|---|----------|

REAR PAN

| | | | |
|------|--|---|--------|
| 7000 | | Rear Pan <i>Recommended when spreading slurry.</i> | 304.00 |
|------|--|---|--------|

ATTACHMENTS FOR FIELD CONVERSION

| | | | |
|--|--|--|--------|
| | | Miscellaneous: Rear Pan <i>Recommended when spreading slurry.</i> | 321.84 |
|--|--|--|--------|

MS1105G - 50 Bushel Ground Driven Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1102G - 25 Bushel Ground Driven Manure Spreader
 Equipment for Base Machine

Main Apron Chain: #55 Chain
 Tractor HP (2WD): 17.7 HP
 Diameter of Beater: 20 In.
 Standard Tire Size: 5 x 12
 Overall Width with Standard Tires: 42 In.
 Overall Height with
 Hydraulic Endgate: N/A
 Apron Drive: Adjustable Ratchet
 Drive - Ground Driven
 Number of Paddles: 8
 Floor Construction: Bonded Poly
 Overall Loading Height
 - Top of Flare: 30 In.
 Weight with Tires: 350 lbs.
 Swing Away Jack: N/A
 Inside Width: 22 In.
 Inside Length: 72 In.
 Inside Depth: 17 In.
 Overall Length: 9 Ft. 1 In.
 Spindle Size: 1-1/4 In.
 Approximate Tongue Weight Loaded: 136 lbs.
 Approximate Weight Spreader
 - Fully Loaded: 1441 lbs.
 Box Construction:

Corrosion Resistant Galvanized Steel
 Frame Design: Box Frame
 Capacity:
 Heaped (Old Rating) Bushels: 25 Bushels
 Cubic Foot Struck Level: 13.6
 Top of Flare Width: 28-1/2 In.
 Semi Liquid Rear Pan: Optional
 Drive System - Apron and Beater:
 Ground Driven
 Replaceable Paddles: No
 Hub Style: Greaseable
 Axle: Single
 Set-Up Time: 30 Minutes
 Warranty: 1 Year Parts and Labor,
 Poly Floors - 10 Year Warranty
 to Original Owner when used to spread normal
 agricultural manure.

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|----------|
| 0801XF | | MS1102G - 25 Bushel Ground Driven Manure Spreader <i>Order in multiples of two.</i> | 3,155.00 |
|--------|--|--|----------|

REAR PAN

| | | | |
|------|--|---|--------|
| 7000 | | Rear Pan <i>Recommended when spreading slurry.</i> | 256.00 |
|------|--|---|--------|

ATTACHMENTS FOR FIELD CONVERSION

| | | | |
|--|--|--|--------|
| | | Miscellaneous: Rear Pan <i>Recommended when spreading slurry.</i> | 271.08 |
|--|--|--|--------|

MS1102G - 25 Bushel Ground Driven Manure Spreader
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FRONTIER PRODUCTS
Livestock & Equine Management

MS1223 - 235 Bushel Chain Unloading Manure Spreader
 Equipment for Base Machine

Minimum Tractor Weight: 7,742 lbs.
 Top of Flare Width: 68 In.
 Inside Width: 60 In.
 Inside Length: 12 Ft. 1 In.
 Inside Depth: 28-3/8 In.
 Overall Width with Standard Tires: 92-1/2 In.
 Spindle Size: 2 In.
 Overall Length: 18 Ft. 6 In.
 Overall Loading Height
 - Top of Flare: 51-1/2 In.
 Overall Height with Hydraulic Endgate: 55 In.
 Diameter of Beater: 29 In.
 Upper Beater: Optional
 Weight with Tires: 2890 lbs.
 Capacity - Old Rating: 235
 Capacity Cubic Foot Struck Level: 143
 Rear Hydraulic End Gate: Optional
 Semi Liquid Rear Pan: Standard

PTO Speed: 540 RPM
 Swing Away Jack: Standard
 Drive: 2 Speed
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: One/2 Optional
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
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Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|---|-------------------------------------|-----------|
| 0821XF | MS1223 - 235 Bushel Chain Unloading Manure Spreader | Includes 540 RPM PTO, and End Gate. | 15,885.00 |
|--------|---|-------------------------------------|-----------|

END GATE

| | | | |
|------|---------------|--|---------------|
| 1000 | End Gate | | In Base Price |
| 1095 | Less End Gate | | -1,677.00 |

END GATE CYLINDERS

| | | | |
|------|---------------|--|---------------|
| 1105 | One Cylinder | | In Base Price |
| 1110 | Two Cylinders | | 576.00 |
| 1195 | Less Cylinder | | In Base Price |

APRON DRIVE

| | | | |
|------|--------------------------------|--|---------------|
| 2000 | Two Speed PTO Driven Apron | | In Base Price |
| 2020 | Variable Speed Hydraulic Apron | | Same Price |

APRON CONTROLS

| | | | |
|------|---------------------------------------|--|---------------|
| 2040 | Two Speed PTO Rope Control | | In Base Price |
| 2050 | Electric Variable Speed Apron Control | | 469.00 |
| 2055 | Manual Variable Speed Apron Control | | Same Price |

REAR PAN

FRONTIER PRODUCTS
Livestock & Equine Management

MS1223 - 235 Bushel Chain Unloading Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|--|-------------------------------|
| REAR PAN ...Continued... | | | |
| 4000 | | Rear Pan | In Base Price |
| 4020 | | No Rear Pan | -491.00 |
| HYDRAULIC HOSE HOOK-UP | | | |
| 2110 | | Standard Hose Hook-up | In Base Price |
| 2105 | | 2 Hose Hook-up <i>One SCV required, Tailgate and apron both controlled with one SCV. There is a sequence valve.</i> | 1,793.00 |
| 2125 | | 4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i> | 1,520.00 |
| TIRES | | | |
| 3005 | | 16.5 x 16.1 Flotation Tires | 1,135.00 |
| 3060 | | 295 x 22.5 Recapped Tires | In Base Price |
| BEATER | | | |
| 9000 | | Top Beater | 1,146.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decals | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HPMSO2B235 | | End Gate (MS1223) | 1,903.71 |
| 5HPMSO235HD4 | | Four Hose Hook-up (MS1223, & MS1227) | 1,608.12 |
| 5HP608FK1223 | | French Operators Manual and Decals (MS1223) | 40.40 |
| 5HPMSOPAN235 | | Rear Pan (MS1223, & MS1227) | 510.33 |
| 5HPMSOTB235 | | Top Beater <i>For MS1223, MS1227 and MS1231.</i> | 1,212.84 |
| 5HPMSO235HD2 | | Two Hose Hook-Up (MS1223, & MS1227) | 1,898.64 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1227 - 270 Bushel Chain Unloading Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 9,068 lbs.
 Top of Flare Width: 68 In.
 Inside Width: 60 In.
 Inside Length: 14 Ft. 1 In.
 Inside Depth: 28-3/8 In.
 Overall Width with Standard Tires: 92-1/2 In.
 Spindle Size: 2-1/2 In.
 Overall Length: 20 Ft. 5-1/2 In.
 Overall Loading Height
 - Top of Flare: 51-1/2 In.
 Overall Height with Hydraulic Endgate: 55 In.
 Diameter of Beater: 29 In.
 Upper Beater: Optional
 Weight with Tires: 3230 lbs.
 Capacity - Old Rating: 270
 Capacity Cubic Foot Struck Level: 167
 Rear Hydraulic End Gate: Optional
 Semi Liquid Rear Pan: Standard

PTO Speed: 540 RPM
 Swing Away Jack: Standard
 Drive: 2 Speed
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: One/2 Optional
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|---|-------------------------------------|-----------|
| 0822XF | MS1227 - 270 Bushel Chain Unloading Manure Spreader | Includes 540 RPM PTO, and End Gate. | 17,391.00 |
|--------|---|-------------------------------------|-----------|

END GATE

| | | | |
|------|---------------|--|---------------|
| 1000 | End Gate | | In Base Price |
| 1095 | Less End Gate | | -1,680.00 |

END GATE CYLINDERS

| | | | |
|------|---------------|--|---------------|
| 1105 | One Cylinder | | In Base Price |
| 1110 | Two Cylinders | | 576.00 |
| 1195 | Less Cylinder | | In Base Price |

APRON DRIVE

| | | | |
|------|--------------------------------|--|---------------|
| 2000 | Two Speed PTO Driven Apron | | In Base Price |
| 2020 | Variable Speed Hydraulic Apron | | Same Price |

APRON CONTROLS

| | | | |
|------|---------------------------------------|--|---------------|
| 2040 | Two Speed PTO Rope Control | | In Base Price |
| 2050 | Electric Variable Speed Apron Control | | 469.00 |
| 2055 | Manual Variable Speed Apron Control | | Same Price |

REAR PAN

FRONTIER PRODUCTS
Livestock & Equine Management

MS1227 - 270 Bushel Chain Unloading Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|--|-------------------------------|
| 4000 | | REAR PAN ...Continued... Rear Pan | In Base Price |
| 4020 | | No Rear Pan | -491.00 |
| HYDRAULIC HOSE HOOK-UP | | | |
| 2110 | | Standard Hose Hook-up | In Base Price |
| 2105 | | 2 Hose Hook-up <i>One SCV required, Tailgate and apron both controlled with one SCV. There is a sequence valve.</i> | 1,793.00 |
| 2125 | | 4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i> | 1,520.00 |
| TIRES | | | |
| 3005 | | 16.5 x 16.1 Flotation Tires | 1,135.00 |
| 3060 | | 295 x 22.5 Recapped Tires | In Base Price |
| BEATER | | | |
| 9000 | | Top Beater | 1,146.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decals | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HPMSO2B270 | | End Gate (MS1227) | 1,902.27 |
| 5HPMSO235HD4 | | Four Hose Hook-up (MS1223, & MS1227) | 1,608.12 |
| 5HP608FK1227 | | French Operators Manual and Decals (MS1227) | 40.40 |
| 5HPMSOPAN235 | | Rear Pan (MS1223, & MS1227) | 510.33 |
| 5HPMSOTB235 | | Top Beater <i>For MS1223, MS1227 and MS1231.</i> | 1,212.84 |
| 5HPMSO235HD2 | | Two Hose Hook-Up (MS1223, & MS1227) | 1,898.64 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1231 - 310 Bushel Chain Unloading Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 10,532 lbs.
 Top of Flare Width: 68 In.
 Inside Width: 60 In.
 Inside Length: 15 Ft. 7 In.
 Inside Depth: 28-3/8 In.
 Overall Width with Standard Tires: 97 In.
 Spindle Size: 2-1/4 In.
 Overall Length: 21 Ft. 11-1/2 In.
 Overall Loading Height
 - Top of Flare: 51-1/2 In.
 Overall Height with Hydraulic Endgate: 55 In.
 Diameter of Beater: 29 In.
 Upper Beater: Optional
 Weight with Tires: 4190 lbs.
 Capacity - Old Rating: 310
 Capacity Cubic Foot Struck Level: 185
 Rear Hydraulic End Gate: Standard
 Semi Liquid Rear Pan: Optional

PTO Speed: 540, 1000 RPM Optional
 Swing Away Jack: Standard
 Drive: 2 Speed
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: One/2 Optional
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|---|-----------|
| 0823XF | MS1231 - 310 Bushel Chain Unloading Manure Spreader <i>Hydraulic Endgate, and Rear Pan are standard.</i> | 22,383.00 |
|--------|---|-----------|

END GATE CYLINDERS

| | | |
|------|---------------|---------------|
| 1105 | One Cylinder | In Base Price |
| 1110 | Two Cylinders | 576.00 |

APRON DRIVE

| | | |
|------|--------------------------------|---------------|
| 2000 | Two Speed PTO Driven Apron | In Base Price |
| 2020 | Variable Speed Hydraulic Apron | Same Price |

APRON CONTROLS

| | | |
|------|---------------------------------------|---------------|
| 2040 | Two Speed PTO Rope Control | In Base Price |
| 2050 | Electric Variable Speed Apron Control | 469.00 |
| 2055 | Manual Variable Speed Apron Control | Same Price |

REAR PAN

| | | |
|------|-------------|---------------|
| 4000 | Rear Pan | In Base Price |
| 4020 | No Rear Pan | -491.00 |

HYDRAULIC HOSE HOOK-UP

| | | |
|------|-----------------------|---------------|
| 2110 | Standard Hose Hook-up | In Base Price |
|------|-----------------------|---------------|

FRONTIER PRODUCTS
Livestock & Equine Management

MS1231 - 310 Bushel Chain Unloading Manure Spreader

Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| 2105 | | HYDRAULIC HOSE HOOK-UP ...Continued... 2 Hose Hook-up <i>One SCV required, Tailgate and apron both controlled with one SCV. There is a sequence valve.</i> | 1,779.00 |
| 2125 | | 4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i> | 1,506.00 |
| TIRES | | | |
| 3005 | | 16.5 x 16.1 Flotation Tires | 2,206.00 |
| 3060 | | 295 x 22.5 Recapped Tires | In Base Price |
| POWER TAKE-OFF (PTO) | | | |
| 5012 | | 540 RPM PTO | In Base Price |
| 5011 | | 1000 RPM PTO 1 3/8" | 493.00 |
| BEATER | | | |
| 9000 | | Top Beater | 1,146.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decals | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HPMSOEC | | Electric Variable Speed Hydraulic Apron Control | 495.72 |
| 5HPMSO310HD4 | | Four Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,595.16 |
| 5HP608FK1231 | | French Operators Manual and Decals (MS1231) | 39.37 |
| 5HPMSOPAN310 | | Rear Pan (MS1231, MS1237, & MS1243) | 510.33 |
| 5HPMSOTB235 | | Top Beater <i>For MS1223, MS1227 and MS1231.</i> | 1,212.84 |
| 5HPMSO310HD2 | | Two Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,883.52 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1237 - 370 Bushel Chain Unloading Manure Spreader
 Equipment for Base Machine

Minimum Tractor Weight: 13,264 lbs.
 Top of Flare Width: 68 In.
 Inside Width: 60 In.
 Inside Length: 16 Ft. 6 In.
 Inside Depth: 34-3/8 In.
 Overall Width with Standard Tires: 97 In.
 Spindle Size: 2-1/2 In.
 Overall Length: 23' 2-1/2 In.
 Overall Loading Height
 - Top of Flare: 57-1/2 In.
 Overall Height with Hydraulic Endgate: 61 In.
 Diameter of Beater: 29 In.
 Upper Beater: Optional
 Weight with Tires: 4920 lbs.
 Capacity - Old Rating: 370
 Capacity Cubic Foot Struck Level: 235
 Rear Hydraulic End Gate: Standard
 Semi Liquid Rear Pan: Optional

PTO Speed: 540, 1000 RPM Optional
 Swing Away Jack: Standard
 Drive: 2 Speed
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: Two
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|---|-----------|
| 0824XF | MS1237 - 370 Bushel Chain Unloading Manure Spreader <i>Hydraulic Endgate, and Rear Pan are standard.</i> | 24,924.00 |
|--------|---|-----------|

APRON DRIVE

| | | |
|------|--------------------------------|---------------|
| 2000 | Two Speed PTO Driven Apron | In Base Price |
| 2020 | Variable Speed Hydraulic Apron | Same Price |

APRON CONTROLS

| | | |
|------|---------------------------------------|---------------|
| 2040 | Two Speed PTO Rope Control | In Base Price |
| 2050 | Electric Variable Speed Apron Control | 469.00 |
| 2055 | Manual Variable Speed Apron Control | Same Price |

REAR PAN

| | | |
|------|-------------|---------------|
| 4000 | Rear Pan | In Base Price |
| 4020 | No Rear Pan | -491.00 |

HYDRAULIC HOSE HOOK-UP

| | | |
|------|--|---------------|
| 2110 | Standard Hose Hook-up | In Base Price |
| 2105 | 2 Hose Hook-up <i>One SCV required, Tailgate and apron both controlled with one SCV. There is a sequence valve.</i> | 1,779.00 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1237 - 370 Bushel Chain Unloading Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| 2125 | | HYDRAULIC HOSE HOOK-UP ...Continued... 4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i> | 1,506.00 |
| TIRES | | | |
| 3005 | | 16.5 x 16.1 Flotation Tires | 2,206.00 |
| 3060 | | 295 x 22.5 Recapped Tires | In Base Price |
| POWER TAKE-OFF (PTO) | | | |
| 5012 | | 540 RPM PTO | In Base Price |
| 5011 | | 1000 RPM PTO 1 3/8" | 493.00 |
| BEATER | | | |
| 9000 | | Top Beater | 1,148.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decals | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HPMSOEC | | Electric Variable Speed Hydraulic Apron Control | 495.72 |
| 5HPMSO310HD4 | | Four Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,595.16 |
| 5HP608FK1237 | | French Operators Manual and Decals (MS1237) | 39.37 |
| 5HPMSOPAN310 | | Rear Pan (MS1231, MS1237, & MS1243) | 510.33 |
| 5HPMSOTB370 | | Top Beater <i>For MS1237 and MS1243.</i> | 1,216.08 |
| 5HPMSO310HD2 | | Two Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,883.52 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1243 - 430 Bushel Chain Unloading Manure Spreader
 Equipment for Base Machine

Minimum Tractor Weight: 15,340 lbs.
 Top of Flare Width: 68 In.
 Inside Width: 60 In.
 Inside Length: 16 Ft. 6 In.
 Inside Depth: 40-3/8 In.
 Overall Width with Standard Tires: 107 In.
 Spindle Size: 2-1/2 In.
 Overall Length: 23 Ft. 2-1/2 In.
 Overall Loading Height
 - Top of Flare: 63-1/2 In.
 Overall Height with Hydraulic Endgate: 67 In.
 Diameter of Beater: 29 In.
 Upper Beater: Optional
 Weight with Tires: 5220 lbs.
 Capacity - Old Rating: 430
 Capacity Cubic Foot Struck Level: 275
 Rear Hydraulic End Gate: Standard
 Semi Liquid Rear Pan: Optional

PTO Speed: 540, 1000 RPM Optional
 Swing Away Jack: Standard
 Drive: 2 Speed
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: Two
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|---|-----------|
| 0825XF | | MS1243 - 430 Bushel Chain Unloading Manure Spreader <i>Top Beater, Hydraulic Endgate, and Rear Pan are standard.</i> | 28,280.00 |
|--------|--|---|-----------|

APRON DRIVE

| | | | |
|------|--|--------------------------------|---------------|
| 2000 | | Two Speed PTO Driven Apron | In Base Price |
| 2020 | | Variable Speed Hydraulic Apron | Same Price |

APRON CONTROLS

| | | | |
|------|--|---------------------------------------|---------------|
| 2040 | | Two Speed PTO Rope Control | In Base Price |
| 2050 | | Electric Variable Speed Apron Control | 469.00 |
| 2055 | | Manual Variable Speed Apron Control | Same Price |

REAR PAN

| | | | |
|------|--|-------------|---------------|
| 4000 | | Rear Pan | In Base Price |
| 4020 | | No Rear Pan | -491.00 |

HYDRAULIC HOSE HOOK-UP

| | | | |
|------|--|--|---------------|
| 2110 | | Standard Hose Hook-up | In Base Price |
| 2105 | | 2 Hose Hook-up <i>One SCV required, Tailgate and apron both controlled with one SCV. There is a sequence valve.</i> | 1,779.00 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1243 - 430 Bushel Chain Unloading Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| 2125 | | HYDRAULIC HOSE HOOK-UP ...Continued... 4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i> | 1,506.00 |
| POWER TAKE-OFF (PTO) | | | |
| 5012 | | 540 RPM PTO | In Base Price |
| 5011 | | 1000 RPM PTO 1 3/8" | 493.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9200 | | French Operators Manual and Decals | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| | | Miscellaneous: | |
| 5HPMSOEC | | Electric Variable Speed Hydraulic Apron Control | 495.72 |
| 5HPMSO310HD4 | | Four Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,595.16 |
| 5HP608FK1243 | | French Operators Manual and Decals (MS1243) | 39.37 |
| 5HPMSOPAN310 | | Rear Pan (MS1231, MS1237, & MS1243) | 510.33 |
| 5HPMSOTB370 | | Top Beater <i>For MS1237 and MS1243.</i> | 1,216.08 |
| 5HPMSO310HD2 | | Two Hose Hook-Up (MS1231, MS1237, & MS1243) | 1,883.52 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1256 - 560 Bushel Chain Unloading Manure Spreader
 Equipment for Base Machine

Minimum Tractor Weight: 20,282 lbs.
 Top of Flare Width: 89-1/2 In.
 Inside Width: 80 In.
 Inside Length: 17 Ft. 5 In.
 Inside Depth: 36 In.
 Overall Width with Standard Tires: 130 In.
 Spindle Size: 3 In.
 Overall Length: 26 Ft. 10 In.
 Overall Loading Height
 - Top of Flare: 60 In.
 Overall Height with Hydraulic Endgate: 75 In.
 Diameter of Beater: 29 In.
 Upper Beater: Standard
 Weight with Tires: 8140 lbs.
 Capacity - Old Rating: 560
 Capacity Cubic Foot Struck Level: 353
 Rear Hydraulic End Gate: Standard
 Semi Liquid Rear Pan: Optional

PTO Speed: 1000 RPM Optional
 Swing Away Jack: Standard
 Drive: Hydraulic
 Variable Speed Hydraulic Drive: Optional
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: Two
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|-----------|
| 0826XF | | MS1256 - 560 Bushel Chain Unloading Manure Spreader <i>Top Beater, Hydraulic Endgate, and Rear Pan are standard. Includes 1 3/8" 1000 RPM PTO</i> | 41,755.00 |
|--------|--|--|-----------|

REAR PAN

| | | | |
|------|--|-------------|---------------|
| 4000 | | Rear Pan | In Base Price |
| 4020 | | No Rear Pan | -768.00 |

TIRES

| | | | |
|------|--|---|---------------|
| 3002 | | Standard 425 X 22.5 Tires | In Base Price |
| 3003 | | High Flotation 600/50 X 22.5 Tires in lieu of Standard 425 X 22.5 Tires | 8,871.00 |

OPERATOR'S MANUAL AND DECALS

| | | | |
|------|--|------------------------------------|-----------|
| 9200 | | French Operators Manual and Decals | No Charge |
|------|--|------------------------------------|-----------|

ATTACHMENTS FOR FIELD CONVERSION

| | | | |
|-----------------------|--------------|---|--------|
| Miscellaneous: | | | |
| | 5HP608FK1256 | French Operators Manual and Decals (MS1256) | 47.21 |
| | 5HPMSO3G | Rear Pan | 796.54 |

MS1256 - 560 Bushel Chain Unloading Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1266 - 660 Bushel Chain Unloading Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 26,687 lbs.
 Top of Flare Width: 89.5 In.
 Inside Width: 82 In., 2083 mm
 Inside Length: 17 Ft. 5 In.
 Inside Depth: 49 In.
 Overall Width with Standard Tires:
 135-1/2 In.
 Spindle Size: 3 In.
 Overall Length: 25 Ft. 11 In., 7.9 mm
 Overall Loading Height -
 Top of Flare: 73 In.
 Overall Height with Hydraulic Endgate: 96 In.
 Diameter of Beater: 25-1/2 In., 648 mm
 Upper Beater: Standard
 Weight with Tires: 11,128 lbs.
 Capacity - Old Rating: 660
 Capacity Cubic Foot Struck Level: 442
 Rear Hydraulic End Gate: Standard

Semi Liquid Rear Pan: Optional
 PTO Speed: 1000 RPM Optional
 Swing Away Jack: Standard
 Drive: Variable Speed Hydraulic Drive
 Variable Speed Hydraulic Drive: Standard
 Front Splash Panel: Standard
 Hydraulic Cylinder on Hydraulic Endgate: 2
 Warranty: 1st Year Parts and Labor
 Lifetime Warranty:
 Bonded Polyethylene Floor and Sides
 10-Year Warranty: Plywood (Against Rot) with normal
 agricultural manure

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|-----------|
| 0827XF | | MS1266 - 660 Bushel Chain Unloading Manure Spreader <i>Top Beater, Hydraulic Endgate, and Rear Pan are standard. Includes 1 3/8" 1000 RPM PTO</i> | 47,667.00 |
|--------|--|--|-----------|

REAR PAN

| | | | |
|------|--|-------------|---------------|
| 4000 | | Rear Pan | In Base Price |
| 4020 | | No Rear Pan | -768.00 |

TIRES

| | | | |
|------|--|---------------------------|---------------|
| 3002 | | Standard 425 X 22.5 Tires | In Base Price |
|------|--|---------------------------|---------------|

OPERATOR'S MANUAL AND DECALS

| | | | |
|------|--|------------------------------------|-----------|
| 9200 | | French Operators Manual and Decals | No Charge |
|------|--|------------------------------------|-----------|

ATTACHMENTS FOR FIELD CONVERSION

| | | | |
|-----------------------|--|---|--------|
| Miscellaneous: | | | |
| 5HP608FK1266 | | French Operators Manual and Decals (MS1266) | 68.08 |
| 5HPMSO3G | | Rear Pan | 796.54 |

MS1266 - 660 Bushel Chain Unloading Manure Spreader
Continued

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FRONTIER PRODUCTS
Livestock & Equine Management

MS1442 - 425 Bushel Hydraulic Push Manure Spreader
Equipment for Base Machine

Capacity Bushels Heaped: 425
 Capacity Cubic Foot Struck Level: 270
 Inside Width: 7 Ft. 2 In.
 Inside Depth: 34 In.
 Inside Length: 16 Ft.
 Overall Width: 10 Ft. 2 In.
 Overall Length:
 Horizontal Beaters - 26 Ft. 5 In.
 Vertical Beaters - 27 Ft. 5 In.
 Overall Height:
 Horizontal Beaters - 74-3/4 In.
 Vertical Beaters - N/A
 Loading Height: 61-1/4 In.
 Height - Top of End Gate: 65 In.
 Axle Type: Tandem
 Spindle Size: 3 In.
 Tire Size:
 425 x 22.5 Used Truck Tires
 Hub Type: 8 Bolt Greaseable
 Standard PTO: Choice
 Push Gate Cylinders:
 (2) Piggy Back - 3-1/2 In. x 90 In.
 Cylinders on Hydraulic End Gate:
 (2) - 2 In. x 20 In.
 Vertical Beater Diameter: (2) 34 In.
 Lower Beater Diameter: 29 In.

Number of Paddles on Lower Beater: 12
 Lower Beater Speed: 360 RPM
 Lower Beater Drive Chain: #80
 Top Beater Diameter: 20 In.
 Number of Paddles on Top Beater: 16
 Top Beater Speed: 300 RPM
 Top Beater Drive Chain: #60
 Replaceable Beaters: Yes
 Clean out Trip
 Horizontal Beaters - Optional
 Vertical Beaters - Standard
 Approximate Loaded Weight:
 24,800 lbs.
 Approximate Tongue Weight Loaded:
 2,802 lbs.
 Minimal Tractor Weight:
 16,534 lbs.
 Weight: 7,700 lbs.
 Side Rail Protection: Wood
 Set-Up Time: 45 Minutes

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|--|-----------|
| 0841XF | MS1442 - 425 Bushel Hydraulic Push Manure Spreader <i>Includes standard transport lights.</i> | 33,836.00 |
|--------|--|-----------|

POWER TAKE-OFF (PTO)

| | | |
|------|--|----------|
| 5012 | 540 RPM PTO Overrunning/Torque Limiting Clutch | 1,413.00 |
| 5011 | 1000 RPM PTO 1 3/8" Shearbolt | 770.00 |
| 5017 | 1000 RPM PTO 1 3/8" Overrunning/Torque Limiting Clutch | 1,624.00 |
| 5015 | 1000 RPM PTO 1 3/4" Shearbolt | 770.00 |
| 5016 | 1000 RPM PTO 1 3/4" Overrunning/Torque Limiting Clutch | 1,624.00 |

TIRES

| | | |
|------|---------------------------|---------------|
| 3020 | 19L x 16.1 Flotation Tire | 1,947.00 |
| 3002 | Standard 425 X 22.5 Tires | In Base Price |

BEATER TYPE

| | | |
|------|---|---------------|
| 1100 | Horizontal Beaters | In Base Price |
| 1120 | Vertical Beaters <i>Must be ordered with option 4095, Less Rear Pan.</i> | 9,829.00 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1442 - 425 Bushel Hydraulic Push Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| BEATER TYPE ...Continued... | | | |
| REAR PAN | | | |
| 4020 | | Horizontal Beater Rear Pan <i>NOT compatible with vertical beaters.</i> | 880.00 |
| 4095 | | Less Rear Pan <i>Must be ordered with option 1120, Vertical Beaters.</i> | In Base Price |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9201 | | French Operators Manual and Decals (MS14 Series with Horizontal Beaters) | No Charge |
| 9200 | | French Operators Manual and Decals (MS14 Series with Vertical Beaters) | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HP608FK1442 | | French Operators Manual and Decals (MS1442 with Horizontal Beaters) | 51.39 |
| HP608FK1442V | | French Operators Manual and Decals (MS1442 with Vertical Beaters) | 39.52 |
| 5HPMSHPOPAN | | Horizontal Beater Rear Pan <i>NOT compatible with vertical beaters.</i> | 1,013.33 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1455 - 550 Bushel Hydraulic Push Manure Spreader
Equipment for Base Machine

Capacity Bushels Heaped: 550
 Capacity Cubic Foot Struck Level: 430
 Inside Width: 72 In.
 Inside Depth: 53 In.
 Inside Length: 16 Ft.
 Overall Width: 10 Ft. 2 In.
 Overall Length:
 Horizontal Beaters - 26 Ft. 5 In.
 Vertical Beaters - 27 Ft. 5 In.
 Overall Height:
 Horizontal Beaters - 86-3/4 In.
 Vertical Beaters - 121-1/2 In.
 Loading Height: 81 In.
 Height - Top of End Gate: 85-1/2 In.
 Axle Type: Tandem
 Spindle Size: 3 In.
 Tire Size:
 425 x 22.5 Used Truck Tires
 Hub Type: 10 Bolt Greaseable
 Standard PTO: Choice
 Push Gate Cylinders:
 (2) Piggy Back - 4-1/2 In. x 90 In.
 Cylinders on Hydraulic End Gate:
 (2) - 2 In. x 20 In.
 Vertical Beater Diameter: (2) 34 In.
 Lower Beater Diameter: 29 In.

Number of Paddles on Lower Beater: 12
 Lower Beater Speed: 360 RPM
 Lower Beater Drive Chain: #80
 Top Beater Diameter: 29 In.
 Number of Paddles on Top Beater: 12
 Top Beater Speed: 360 RPM
 Top Beater Drive Chain: #80
 Replaceable Beaters: Yes
 Clean out Trip
 Horizontal Beaters - Optional
 Vertical Beaters - Standard
 Approximate Loaded Weight:
 32,429 lbs.
 Approximate Tongue Weight Loaded:
 4,160 lbs.
 Minimal Tractor Weight:
 21,620 lbs.
 Weight: 9,680 lbs.
 Side Rail Protection: Wood
 Set-Up Time: 45 Minutes

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|--|-----------|
| 0842XF | MS1455 - 550 Bushel Hydraulic Push Manure Spreader <i>Includes standard transport lights.</i> | 44,583.00 |
|--------|--|-----------|

POWER TAKE-OFF (PTO)

| | | |
|------|--|----------|
| 5011 | 1000 RPM PTO 1 3/8" Shearbolt | 770.00 |
| 5017 | 1000 RPM PTO 1 3/8" Overrunning/Torque Limiting Clutch | 1,624.00 |
| 5015 | 1000 RPM PTO 1 3/4" Shearbolt | 770.00 |
| 5016 | 1000 RPM PTO 1 3/4" Overrunning/Torque Limiting Clutch | 1,624.00 |

TIRES

| | | |
|------|---|---------------|
| 3002 | Standard 425 X 22.5 Tires | In Base Price |
| 3003 | High Flotation 600/50 X 22.5 Tires in lieu of Standard 425 X 22.5 Tires | 8,397.00 |

BEATER TYPE

| | | |
|------|---|---------------|
| 1100 | Horizontal Beaters | In Base Price |
| 1120 | Vertical Beaters <i>Must be ordered with option 4095, Less Rear Pan.</i> | 10,954.00 |

FRONTIER PRODUCTS
Livestock & Equine Management

MS1455 - 550 Bushel Hydraulic Push Manure Spreader
Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| REAR PAN | | | |
| 4020 | | Horizontal Beater Rear Pan <i>NOT compatible with vertical beaters.</i> | 880.00 |
| 4095 | | Less Rear Pan <i>Must be ordered with option 1120, Vertical Beaters.</i> | In Base Price |
| OPERATOR'S MANUAL AND DECALS | | | |
| 9201 | | French Operators Manual and Decals (MS14 Series with Horizontal Beaters) | No Charge |
| 9200 | | French Operators Manual and Decals (MS14 Series with Vertical Beaters) | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| 5HP608FK1455 | | French Operators Manual and Decals (MS1455 with Horizontal Beaters) | 53.45 |
| HP608FK1455V | | French Operators Manual and Decals (MS1455 with Vertical Beaters) | 40.99 |
| 5HPMSHPOPAN | | Horizontal Beater Rear Pan <i>NOT compatible with vertical beaters.</i> | 1,013.33 |

FRONTIER PRODUCTS

MS2320 -2000 Gallon Side Discharge Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 15,693 lbs.
 Top of Flare Width: 76 In.
 Inside Width: 76 In.
 Inside Length: 16 Ft. 0 In.
 Inside Depth: 50.5 In.
 Overall Width with Standard Tires: 85 In.
 Spindle Size: 2.5 In.
 Overall Length: 22 Ft. 8 In.
 Overall Loading Height
 - Top of Flare: 69 In.
 Overall Height @ Front Splash: 76 In.
 Diameter of Expeller: 18.5 In.
 Upper Beater: N/A
 Weight with Tires: 6860 lbs.
 Capacity - Old Rating: N/A
 Capacity Cubic Foot Struck Level: 269
 Rear Hydraulic End Gate: N/A

Semi Liquid Rear Pan: N/A
 PTO Speed: 540 RPM
 Optional Speed: 1000 RPM (1-3/8")
 Swing Away Jack: Standard
 Drive: N/A
 Variable Speed Hydraulic Drive: N/A
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: N/A
 Warranty: 1st Year Parts and Labor

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|--|-----------|
| 0810XF | MS2320 -2000 Gallon Side Discharge Manure Spreader | 36,042.00 |
|--------|--|-----------|

AXLES

| | | |
|------|--|---------------|
| 1040 | STANDARD AXLE | In Base Price |
| 1041 | STRAIGHT AXLE (MS2320) <i>INCREASES GROUND CLEARANCE AND LOADING HEIGHT</i> | Same Price |
| 1042 | DROP AXLE (MS2320) <i>DECREASES GROUND CLEARANCE AND LOADING HEIGHT</i> | Same Price |

TIRES

| | | |
|------|--|----------|
| 3060 | 295R X 22.5 RECAP TIRE - TUBELESS (MS2320) | 1,849.00 |
| 300S | 16.5 X 16.1-10 PLY TIRE (MS2320, MS2326) | 3,430.00 |

POWER TAKE-OFF (PTO)

| | | |
|------|---------------------|---------------|
| 5012 | 540 RPM PTO | In Base Price |
| 5017 | 1000 RPM PTO 1 3/8" | 915.00 |

MONITOR

| | | |
|------|--|----------|
| 8191 | DIGI-STAR 5-POINT SCALE <i>MONITOR SOLD SEPARATELY.</i> | 3,241.00 |
| 8193 | DIGI-STAR GT400 MONITOR | 955.00 |
| 8194 | DIGI-STAR NT460 MONITOR/GPS | 2,624.00 |
| 8195 | DIGI-STAR AUTO START/STOP | 2,964.00 |

FRONTIER PRODUCTS

MS2320 -2000 Gallon Side Discharge Manure Spreader

Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|--|-------------------------------|
| | | MONITOR ...Continued... <i>COMPATIBLE WITH NT460 MONITOR ONLY.</i> | |
| 903S | | OPERATOR'S MANUAL AND DECALS French Operators Manual and Decal Kit | No Charge |
| | | ATTACHMENTS FOR FIELD CONVERSION | |
| | 5HP2320FKMS | Miscellaneous: French Operators Manual and Decals (MS2320) | 52.27 |

FRONTIER PRODUCTS

MS2326 -2600 Gallon Side Discharge Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 19,709 lbs.
 Top of Flare Width: 87 In.
 Inside Width: 87 In.
 Inside Length: 16 Ft. 0 In.
 Inside Depth: 58.5 In.
 Overall Width with Standard Tires: 103 In.
 Spindle Size: 3.0 In.
 Overall Length: 22 Ft. 8 In.
 Overall Loading Height
 - Top of Flare: 81 In.
 Overall Height @ Front Splash: 88 In.
 Diameter of Expeller: 18.5 In.
 Upper Beater: N/A
 Weight with Tires: 7880 lbs.
 Capacity - Old Rating: N/A
 Capacity Cubic Foot Struck Level: 347

Rear Hydraulic End Gate: N/A
 Semi Liquid Rear Pan: N/A
 PTO Speed: 540 RPM
 Swing Away Jack: Standard
 Drive: N/A
 Variable Speed Hydraulic Drive: N/A
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: N/A
 Warranty: 1st Year Parts and Labor

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|-----------|
| 0811XF | | MS2326 -2600 Gallon Side Discharge Manure Spreader | 38,779.00 |
|--------|--|--|-----------|

AXLES

| | | | |
|------|--|---------------|---------------|
| 1040 | | STANDARD AXLE | In Base Price |
|------|--|---------------|---------------|

TIRES

| | | | |
|------|--|--|----------|
| 300S | | 16.5 X 16.1-10 PLY TIRE (MS2320, MS2326) | 3,430.00 |
| 3071 | | 425L X 22.5 USED TRUCK TIRE (MS2326) | 2,074.00 |
| 300T | | 19L X 16.1-10 PLY TIRE (MS2326) | 3,807.00 |

POWER TAKE-OFF (PTO)

| | | | |
|------|--|---------------------|---------------|
| 5012 | | 540 RPM PTO | -813.00 |
| 5017 | | 1000 RPM PTO 1 3/8" | In Base Price |

MONITOR

| | | | |
|------|--|---|----------|
| 8191 | | DIGI-STAR 5-POINT SCALE <i>MONITOR SOLD SEPARATELY.</i> | 3,975.00 |
| 8193 | | DIGI-STAR GT400 MONITOR | 955.00 |
| 8194 | | DIGI-STAR NT460 MONITOR/GPS | 2,624.00 |
| 8195 | | DIGI-STAR AUTO START/STOP <i>COMPATIBLE WITH NT460 MONITOR ONLY.</i> | 2,964.00 |

OPERATOR'S MANUAL AND DECALS

| | | | |
|------|--|---------------------------------------|-----------|
| 903S | | French Operators Manual and Decal Kit | No Charge |
|------|--|---------------------------------------|-----------|

FRONTIER PRODUCTS

MS2326 -2600 Gallon Side Discharge Manure Spreader

Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|-------------|-----------------------|---|-------------------------------|
| | | OPERATOR'S MANUAL AND DECALS ...Continued... | |
| | | ATTACHMENTS FOR FIELD CONVERSION | |
| | | Miscellaneous: | |
| 5HP2326FKMS | | French Operators Manual and Decals (MS2326) | 52.27 |

FRONTIER PRODUCTS

MS2334 - 3400 Gallon Side Discharge Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 26,197 lbs.
 Top of Flare Width: 97 In.
 Inside Width: 97 In.
 Inside Length: 16 Ft. 0 In.
 Inside Depth: 65.5 In.
 Overall Width with Standard Tires: 112 In.
 Spindle Size: 3.375 In.
 Optional Spindle Size: 4.50 In.
 Overall Length: 23 Ft. 7 In.
 Overall Loading Height
 - Top of Flare: 93 In.
 Overall Height @ Front Splash: 101 In.
 Diameter of Expeller: 18.5 In.
 Upper Beater: N/A
 Weight with Tires: 10940 lbs.
 Capacity - Old Rating: N/A
 Capacity Cubic Foot Struck Level: 451

Rear Hydraulic End Gate: N/A
 Semi Liquid Rear Pan: N/A
 PTO Speed: 1000 RPM (1-3/8")
 Swing Away Jack: Standard
 Drive: N/A
 Variable Speed Hydraulic Drive: N/A
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: N/A
 Warranty: 1st Year Parts and Labor

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | |
|--------|---|-----------|
| 0812XF | MS2334 - 3400 Gallon Side Discharge Manure Spreader | 52,027.00 |
|--------|---|-----------|

AXLES

| | | |
|------|--|---------------|
| 1040 | STANDARD AXLE | In Base Price |
| 1043 | HEAVY DUTY DROP STYLE TANDEM AXLE (MS2334) | 3,031.00 |

TIRES

| | | |
|------|--|-----------|
| 3072 | 425L X 22.5 USED TRUCK TIRE (MS2334) <i>CAN'T BE USED WITH OPTIONAL TANDEM AXLE.</i> | 2,542.00 |
| 3073 | 21.5L X 16.1 - 18 PLY TIRE TITAN (MS2334) <i>CAN'T BE USED WITH OPTIONAL TANDEM AXLE.</i> | 6,217.00 |
| 3074 | 49X 19X 20 RECAPPED 30 PLY AIRCRAFT TIRE (MS2334) <i>TIRE PACKAGE FOR OPTIONAL TANDEM AXLE ONLY</i> | 7,029.00 |
| 3000 | 700/50 X 22.5 FLOTATION IMPLEMENT TIRE (MS2334) <i>TIRE PACKAGE FOR OPTIONAL TANDEM AXLE ONLY</i> | 11,717.00 |

POWER TAKE-OFF (PTO)

| | | |
|------|---------------------|---------------|
| 5017 | 1000 RPM PTO 1 3/8" | In Base Price |
| 5016 | 1000 RPM PTO 1 3/4" | Same Price |

HYDRAULICS

| | | |
|------|---------------------------------|-----------|
| 8190 | HYDRUALIC OPENING LID MS2334 | 12,179.00 |
|------|---------------------------------|-----------|

FRONTIER PRODUCTS

MS2334 - 3400 Gallon Side Discharge Manure Spreader

Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|---|-----------------------|---|-------------------------------|
| MONITOR | | | |
| 8191 | | DIGI-STAR 5-POINT SCALE <i>MONITOR SOLD SEPARATELY.</i> | 4,995.00 |
| 8192 | | DIGI-STAR 5-POINT SCALE FOR TANDEM AXLE (MS2334 & MS2342) <i>SCALE FOR OPTIONAL TANDEM AXLE ONLY</i> | 8,318.00 |
| 8193 | | DIGI-STAR GT400 MONITOR | 955.00 |
| 8194 | | DIGI-STAR NT460 MONITOR/GPS | 2,624.00 |
| 8195 | | DIGI-STAR AUTO START/STOP <i>COMPATIBLE WITH NT460 MONITOR ONLY.</i> | 2,964.00 |
| OPERATOR'S MANUAL AND DECALS | | | |
| 903S | | French Operators Manual and Decal Kit | No Charge |
| ATTACHMENTS FOR FIELD CONVERSION | | | |
| Miscellaneous: | | | |
| | 5HP2334FKMS | French Operators Manual and Decals (MS2334) | 52.27 |

FRONTIER PRODUCTS

MS2342 - 4200 Gallon Side Discharge Manure Spreader
Equipment for Base Machine

Minimum Tractor Weight: 34,352 lbs.
 Top of Flare Width: 97 In.
 Inside Width: 97 In.
 Inside Length: 20 Ft. 0 In.
 Inside Depth: 65.5 In.
 Overall Width with Standard Tires: 144 In.
 Spindle Size: 4.50 In.
 Overall Length: 27 Ft. 7 In.
 Overall Loading Height
 - Top of Flare: 93 In.
 Overall Height @ Front Splash: 101 In.
 Diameter of Expeller: 18.5 In.
 Upper Beater: N/A
 Weight with Tires: 16500 lbs.
 Capacity - Old Rating: N/A
 Capacity Cubic Foot Struck Level: 564

Rear Hydraulic End Gate: N/A
 Semi Liquid Rear Pan: N/A
 PTO Speed: 1000 RPM (1-3/4")
 Swing Away Jack: Standard
 Drive: N/A
 Variable Speed Hydraulic Drive: N/A
 Front Splash Panel: Standard
 Hydraulic Cylinder on
 Hydraulic Endgate: N/A
 Warranty: 1st Year Parts and Labor

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|-------------|-------------------------------|
|------|-----------------------|-------------|-------------------------------|

Select One Code From Each Required Category

BASE MACHINE

| | | | |
|--------|--|--|-----------|
| 0813XF | | MS2342 - 4200 Gallon Side Discharge Manure Spreader <i>Includes 1000 1 3/4" RPM PTO</i> | 62,033.00 |
|--------|--|--|-----------|

AXLES

| | | | |
|------|--|---------------|---------------|
| 1040 | | STANDARD AXLE | In Base Price |
|------|--|---------------|---------------|

TIRES

| | | | |
|------|--|---------------------------------------|-----------|
| 300U | | 28L X 26-16 PLY BIAS TIRES (MS2342) | 12,956.00 |
| 300V | | 28L x 26-16 PLY RADIAL TIRES (MS2342) | 18,817.00 |

POWER TAKE-OFF (PTO)

HYDRAULICS

| | | | |
|------|--|--|-----------|
| 8190 | | HYDRUALIC OPENING LID <i>MS2342</i> | 12,180.00 |
|------|--|--|-----------|

MONITOR

| | | | |
|------|--|---|----------|
| 8192 | | DIGI-STAR 5-POINT SCALE FOR TANDEM AXLE (MS2334 & MS2342) <i>SCALE FOR OPTIONAL TANDEM AXLE ONLY</i> | 8,318.00 |
| 8193 | | DIGI-STAR GT400 MONITOR | 955.00 |
| 8194 | | DIGI-STAR NT460 MONITOR/GPS | 2,624.00 |
| 8195 | | DIGI-STAR AUTO START/STOP <i>COMPATIBLE WITH NT460 MONITOR ONLY.</i> | 2,964.00 |

FRONTIER PRODUCTS

MS2342 - 4200 Gallon Side Discharge Manure Spreader

Continued

| CODE | ATTACHMENT IDENTIFIER | DESCRIPTION | SUGGESTED LIST PRICE USD (\$) |
|------|-----------------------|---|-------------------------------|
| | | OPERATOR'S MANUAL AND DECALS | |
| 903S | | French Operators Manual and Decal Kit | No Charge |
| | | ATTACHMENTS FOR FIELD CONVERSION | |
| | | Miscellaneous: | |
| | 5HP2342FKMS | French Operators Manual and Decals (MS2342) | 52.27 |