

**MS1102G - 25 Bushel Ground Driven Manure Spreader**

Code	Description	List price(USD)
	MS1102G - 25 Bushel Ground Driven Manure Spreader	
	<p>Main Ap5ron 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 Powder coat paint steel box (from 26 August 2021) 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</p>	

**MS1102G - 25 Bushel Ground Driven Manure Spreader**

Code	Description	List price(USD)
	Warranty: 1 Year Parts and Labor, Poly Floors - 10 Year Warranty to Original Owner when used to spread normal agricultural manure.	
	BASE MACHINE	
	<i>MS1102G MANURE SPREADER comes in multiples of 2 per order</i>	
0801XF	MS1102G - 25 Bushel Ground Driven Manure Spreader	\$4,854.00
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
	<i>OM & Decal Kit will come in quantities of 2 with MS1102G.</i>	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE	
	Additional Factory Options	
	REAR PAN	
	Field Installed Options	
	REAR PAN	
9720	Rear Pan <i>Rear Pan will come in quantities of 2 with MS1102G.</i>	\$396.00
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSO3E	Rear Pan <i>Recommended when spreading slurry.</i>	\$434.51



MS1105G - 50 Bushel Ground Driven Manure Spreader

Code	Description	List price(USD)
	MS1105G - 50 Bushel Ground Driven Manure Spreader	
	<p> 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 Powder coat paint steel box (from 26 August 2021) 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 </p>	



MS1105G - 50 Bushel Ground Driven Manure Spreader

Code	Description	List price(USD)
	Warranty: 1 Year Parts and Labor, Poly Floors - 10 Year Warranty to Original Owner when used to spread normal agricultural manure.	
	BASE MACHINE	
0802XF	MS1105G - 50 Bushel Ground Driven Manure Spreader	\$7,820.00
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE	
	Additional Factory Options	
	REAR PAN	
	Field Installed Options	
	REAR PAN	
9720	Rear Pan	\$467.00
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSO3D	Rear Pan <i>Recommended when spreading slurry.</i>	\$513.71

**MS1108G - 80 Bushel Ground Driven Manure Spreader**

Code	Description	List price(USD)
	MS1108G - 80 Bushel Ground Driven Manure Spreader	
	<p>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 Powder coat paint steel box (from 26 August 2021) 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</p>	

**MS1108G - 80 Bushel Ground Driven Manure Spreader**

Code	Description	List price(USD)
	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.	
	BASE MACHINE	
0803XF	MS1108G - 80 Bushel Ground Driven Manure Spreader	\$8,925.00
	DESTINATION AND LANGUAGE Field Installed Options OPERATOR'S MANUAL AND DECALS	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE Additional Factory Options REAR PAN Field Installed Options REAR PAN	
9720	Rear Pan	\$561.00
	MISCELLANEOUS ATTACHMENTS FOR FIELD CONVERSION MISCELLANEOUS	
5HPMSO3C	Rear Pan <i>Recommended when spreading slurry.</i>	\$617.11

**MS1108 - 80 Bushel 540 rpm PTO Driven Two Speed Manure Spreader**

Code	Description	List price(USD)
	MS1108 - 80 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	
	<p>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 Powder coat paint steel box (from 26 August 2021) 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</p>	

**MS1108 - 80 Bushel 540 rpm PTO Driven Two Speed Manure Spreader**

Code	Description	List price(USD)
	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.	
	BASE MACHINE	
0804XF	MS1108 - 80 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	\$11,196.00
	DESTINATION AND LANGUAGE Field Installed Options OPERATOR'S MANUAL AND DECALS	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE Additional Factory Options REAR PAN Field Installed Options REAR PAN	
9720	Rear Pan	\$561.00
	MISCELLANEOUS ATTACHMENTS FOR FIELD CONVERSION MISCELLANEOUS	
5HPMSO3C	Rear Pan <i>Recommended when spreading slurry.</i>	\$617.11



MS1112 - 130 Bushel 540 rpm PTO Driven Two Speed Manure Spreader

Code	Description	List price(USD)
	MS1112 - 130 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	
	<p> 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: 130 Bushels Box Construction: Corrosion Resistant Powder coat paint steel box (from 26 August 2021) 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 </p>	

**MS1112 - 130 Bushel 540 rpm PTO Driven Two Speed Manure Spreader**

Code	Description	List price(USD)
	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.	
	BASE MACHINE	
0805XF	MS1112 - 130 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	\$14,286.00
	DESTINATION AND LANGUAGE Field Installed Options OPERATOR'S MANUAL AND DECALS	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE Additional Factory Options REAR PAN Field Installed Options BEATER	
9000	Top Beater	\$1,537.00
	END GATE	
9730	End Gate	\$2,212.00
	REAR PAN	
9720	Rear Pan	\$607.00
	MISCELLANEOUS ATTACHMENTS FOR FIELD CONVERSION MISCELLANEOUS	
5HPMSOPAN1	Rear Pan <i>Recommended when spreading slurry.</i>	\$680.91

**MS1117 - 175 Bushel 540 rpm PTO Driven Two Speed Manure Spreader**

Code	Description	List price(USD)
	MS1117 - 175 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	
	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 Powder coat paint steel box (from 26 August 2021) 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	

**MS1117 - 175 Bushel 540 rpm PTO Driven Two Speed Manure Spreader**

Code	Description	List price(USD)
	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.	
	BASE MACHINE	
0806XF	MS1117 - 175 Bushel 540 rpm PTO Driven Two Speed Manure Spreader	\$18,295.00
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
9200	French OM & Decal Kit	\$67.00
9201	Spanish OM & Decal Kit	\$67.00
	DISCHARGE	
	Additional Factory Options	
	REAR PAN	
	END GATE	
	Field Installed Options	
	BEATER	
9000	Top Beater	\$1,537.00
	END GATE	
9730	End Gate	\$2,212.00
	REAR PAN	
9720	Rear Pan	\$660.00
	ATTACHMENTS FOR FIELD CONVERSION	
	END GATE	
5HPMSO2B175	Hydraulic End Gate	\$2,433.20
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSO3B3	Rear Pan <i>Recommended when spreading slurry.</i>	\$726.00



MS1223 - 235 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
	<p>MS1223 - 235 Bushel Chain Unloading Manure Spreader</p> <p>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</p>	
	<p>BASE MACHINE</p> <p><i>Includes 540 RPM PTO, and End Gate.</i></p>	
0821XF	MS1223 - 235 Bushel Chain Unloading Manure Spreader	\$25,030.00
	<p>DISCHARGE</p> <p>Basic Factory Options</p> <p>END GATE</p>	

**MS1223 - 235 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
1000	End Gate	In Base Price
1095	Less End Gate	(\$2,641.00)
END GATE CYLINDERS		
1105	One Cylinder	In Base Price
1110	Two Cylinders	\$908.00
1195	Less Cylinder	No Added Cost
APRON DRIVE		
2000	Two Speed PTO Driven Apron	In Base Price
2020	Variable Speed Hydraulic Apron	No Added Cost
APRON CONTROLS		
2040	Two Speed PTO Rope Control	In Base Price
2050	Electric Variable Speed Apron Control	\$738.00
2055	Manual Variable Speed Apron Control	No Added Cost
REAR PAN		
4000	Rear Pan	In Base Price
4020	No Rear Pan	(\$773.00)
Field Installed Options		
BEATER		
9000	Top Beater	\$1,805.00
HYDRAULIC AND ELECTRICAL		
Basic Factory Options		
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>	\$2,825.00
2125	4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i>	\$2,394.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		



MS1223 - 235 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
3005	16.5 x 16.1 Flotation Tires	\$1,787.00
3060	295 x 22.5 Recapped Tires	In Base Price
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
9200	French Operators Manual and Decals	No Added Cost
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSO235H	Two Hose Hook-Up (MS1223, & MS1227)	\$3,107.51
5HPMSOEC	Electric Variable Speed Hydraulic Apron Control	\$811.80
5HPMSO235H	Four Hose Hook-up (MS1223, & MS1227)	\$2,633.40
5HPMSOPAN2	Rear Pan (MS1223, & MS1227)	\$850.31



MS1227 - 270 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
MS1227 - 270 Bushel Chain Unloading Manure Spreader		
	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	
BASE MACHINE		
0822XF	<i>Includes 540 RPM PTO, and End Gate.</i> MS1227 - 270 Bushel Chain Unloading Manure Spreader	\$27,391.00
DISCHARGE Basic Factory Options END GATE		

**MS1227 - 270 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
1000	End Gate	In Base Price
1095	Less End Gate	(\$2,645.00)
END GATE CYLINDERS		
1105	One Cylinder	In Base Price
1110	Two Cylinders	\$908.00
1195	Less Cylinder	No Added Cost
APRON DRIVE		
2000	Two Speed PTO Driven Apron	In Base Price
2020	Variable Speed Hydraulic Apron	No Added Cost
APRON CONTROLS		
2040	Two Speed PTO Rope Control	In Base Price
2050	Electric Variable Speed Apron Control	\$738.00
2055	Manual Variable Speed Apron Control	No Added Cost
REAR PAN		
4000	Rear Pan	In Base Price
4020	No Rear Pan	(\$773.00)
Field Installed Options		
BEATER		
9000	Top Beater	\$1,805.00
HYDRAULIC AND ELECTRICAL		
Basic Factory Options		
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>	\$2,825.00
2125	4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i>	\$2,394.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		

**MS1227 - 270 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
3005	16.5 x 16.1 Flotation Tires	\$1,787.00
3060	295 x 22.5 Recapped Tires	In Base Price
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
9200	French Operators Manual and Decals	No Added Cost
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSO235H	Two Hose Hook-Up (MS1223, & MS1227)	\$3,107.51
5HPMSOEC	Electric Variable Speed Hydraulic Apron Control	\$811.80
5HPMSO235H	Four Hose Hook-up (MS1223, & MS1227)	\$2,633.40
5HPMSOPAN2	Rear Pan (MS1223, & MS1227)	\$850.31



MS1231 - 310 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
MS1231 - 310 Bushel Chain Unloading Manure Spreader		
	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	
BASE MACHINE		
0823XF	<i>Hydraulic Endgate, and Rear Pan are standard.</i> MS1231 - 310 Bushel Chain Unloading Manure Spreader	\$35,252.00
DISCHARGE		
Basic Factory Options		
END GATE CYLINDERS		

**MS1231 - 310 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
1105	One Cylinder	In Base Price
1110	Two Cylinders	\$908.00
APRON DRIVE		
2000	Two Speed PTO Driven Apron	In Base Price
2020	Variable Speed Hydraulic Apron	No Added Cost
APRON CONTROLS		
2040	Two Speed PTO Rope Control	In Base Price
2050	Electric Variable Speed Apron Control	\$738.00
2055	Manual Variable Speed Apron Control	No Added Cost
REAR PAN		
4000	Rear Pan	In Base Price
4020	No Rear Pan	(\$773.00)
Field Installed Options		
BEATER		
9000	Top Beater	\$1,805.00
HYDRAULIC AND ELECTRICAL		
Basic Factory Options		
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>	\$2,801.00
2125	4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i>	\$2,372.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		
3005	16.5 x 16.1 Flotation Tires	\$3,474.00
3060	295 x 22.5 Recapped Tires	In Base Price
POWER TAKE-OFF		
Basic Factory Options		



MS1231 - 310 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
	POWER TAKE-OFF (PTO)	
5012	540 RPM PTO	In Base Price
5011	1000 RPM PTO 1 3/8"	\$776.00
	DESTINATION AND LANGUAGE	
	Field Installed Options	
	OPERATOR'S MANUAL AND DECALS	
9200	French Operators Manual and Decals	No Added Cost
	MISCELLANEOUS	
	ATTACHMENTS FOR FIELD CONVERSION	
	MISCELLANEOUS	
5HPMSOEC	Electric Variable Speed Hydraulic Apron Control	\$811.80
5HPMSOPAN3	Rear Pan (MS1231, MS1237, & MS1243)	\$850.31
5HPMSO310H	Four Hose Hook-Up (MS1231, MS1237, & MS1243)	\$2,609.20
5HPMSO310H	Two Hose Hook-Up (MS1231, MS1237, & MS1243)	\$3,080.00



MS1237 - 370 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
MS1237 - 370 Bushel Chain Unloading Manure Spreader		
	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	
BASE MACHINE		
0824XF	<i>Hydraulic Endgate, and Rear Pan are standard.</i> MS1237 - 370 Bushel Chain Unloading Manure Spreader	\$39,256.00
DISCHARGE		
Basic Factory Options		
APRON DRIVE		

**MS1237 - 370 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
2000	Two Speed PTO Driven Apron	In Base Price
2020	Variable Speed Hydraulic Apron	No Added Cost
APRON CONTROLS		
2040	Two Speed PTO Rope Control	In Base Price
2050	Electric Variable Speed Apron Control	\$738.00
2055	Manual Variable Speed Apron Control	No Added Cost
REAR PAN		
4000	Rear Pan	In Base Price
4020	No Rear Pan	(\$773.00)
Field Installed Options		
BEATER		
9000	Top Beater	\$1,809.00
HYDRAULIC AND ELECTRICAL		
Basic Factory Options		
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>	\$2,801.00
2125	4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i>	\$2,372.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		
3005	16.5 x 16.1 Flotation Tires	\$3,474.00
3060	295 x 22.5 Recapped Tires	In Base Price
POWER TAKE-OFF		
Basic Factory Options		
POWER TAKE-OFF (PTO)		
5012	540 RPM PTO	In Base Price
5011	1000 RPM PTO 1 3/8"	\$776.00

**MS1237 - 370 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
	DESTINATION AND LANGUAGE Field Installed Options OPERATOR'S MANUAL AND DECALS	
9200	French Operators Manual and Decals	No Added Cost
	MISCELLANEOUS ATTACHMENTS FOR FIELD CONVERSION MISCELLANEOUS	
5HPMSOEC	Electric Variable Speed Hydraulic Apron Control	\$811.80
5HPMSOPAN3	Rear Pan (MS1231, MS1237, & MS1243)	\$850.31
5HPMSO310H	Four Hose Hook-Up (MS1231, MS1237, & MS1243)	\$2,609.20
5HPMSO310H	Two Hose Hook-Up (MS1231, MS1237, & MS1243)	\$3,080.00



MS1243 - 430 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
<p>MS1243 - 430 Bushel Chain Unloading Manure Spreader</p>		
	<p>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</p>	
<p>BASE MACHINE</p>		
0825XF	<p><i>Top Beater, Hydraulic Endgate, and Rear Pan are standard.</i> MS1243 - 430 Bushel Chain Unloading Manure Spreader</p>	\$44,540.00
<p>DISCHARGE Basic Factory Options APRON DRIVE</p>		



MS1243 - 430 Bushel Chain Unloading Manure Spreader

Code	Description	List price(USD)
2000	Two Speed PTO Driven Apron	In Base Price
2020	Variable Speed Hydraulic Apron	No Added Cost
APRON CONTROLS		
2040	Two Speed PTO Rope Control	In Base Price
2050	Electric Variable Speed Apron Control	\$738.00
2055	Manual Variable Speed Apron Control	No Added Cost
REAR PAN		
4000	Rear Pan	In Base Price
4020	No Rear Pan	(\$773.00)
HYDRAULIC AND ELECTRICAL		
Basic Factory Options		
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>	\$2,801.00
2125	4 Hose Hook-up <i>Two SCV's required, One SCV will control the tailgate and One SCV will control the apron.</i>	\$2,372.00
POWER TAKE-OFF		
Basic Factory Options		
POWER TAKE-OFF (PTO)		
5012	540 RPM PTO	In Base Price
5011	1000 RPM PTO 1 3/8"	\$776.00
DESTINATION AND LANGUAGE		
Field Installed Options		
OPERATOR'S MANUAL AND DECALS		
9200	French Operators Manual and Decals	No Added Cost
MISCELLANEOUS		
ATTACHMENTS FOR FIELD CONVERSION		
MISCELLANEOUS		
5HPMSOEC	Electric Variable Speed Hydraulic Apron Control	\$811.80

**MS1243 - 430 Bushel Chain Unloading Manure Spreader**

Code	Description	List price(USD)
5HPMSOPAN3	Rear Pan (MS1231, MS1237, & MS1243)	\$850.31
5HPMSO310H	Four Hose Hook-Up (MS1231, MS1237, & MS1243)	\$2,609.20
5HPMSO310H	Two Hose Hook-Up (MS1231, MS1237, & MS1243)	\$3,080.00

**MS1442 - 425 Bushel Hydraulic Push Manure Spreader**

Code	Description	List price(USD)
	MS1442 - 425 Bushel Hydraulic Push Manure Spreader	
	<p>Capacity Bushels Heaped: 425 Capacity Cubic Foot Struck Level: 270 PTO: 1000 RPM 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. Hub Type: 8 Bolt Greaseable 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:</p>	

**MS1442 - 425 Bushel Hydraulic Push Manure Spreader**

Code	Description	List price(USD)
	2,802 lbs. Minimal Tractor Weight: 16,534 lbs. Weight: 7,700 lbs. Side Rail Protection: black poly material Set-Up Time: 45 Minutes Includes standard transport lights	
	BASE MACHINE	
	<i>new MS14 MY22 with:</i> <i>Longer tongue and Wide Angle PTO drive shaft (constant velocity)</i> <i>Black Poly Bump Rails</i> <i>New Options:</i> <i>Clevis or Bullnose hitch type</i> <i>Variable Speed Pusher Control manual or electric</i> <i>Fit-a-Round Front Screen Extension</i>	
0843XF	MS1442 - 425 Bushel Hydraulic Push Manure Spreader	\$52,551.00
	DESTINATION AND LANGUAGE	
	Basic Factory Options	
	DESTINATION	
0202	United States	In Base Price
	OPERATOR'S MANUAL AND DECALS	
0409	English OM & Decal Kit	No Added Cost
0413	French OM & Decal Kit	No Added Cost
0437	Spanish OM & Decal Kit	No Added Cost
	ATTACHMENTS FOR FIELD CONVERSION	
	OPERATOR'S MANUAL AND DECALS	
5HP608FK1442	French Operators Manual and Decals (MS1442 with Horizontal Beaters)	\$80.31
	POWER TAKE-OFF	
	Basic Factory Options	
	POWER TAKE-OFF (PTO)	
5011	1000 RPM 1 3/8" PTO with Wide Angle PTO drive shaft (constant velocity)	\$1,198.00

**MS1442 - 425 Bushel Hydraulic Push Manure Spreader**

Code	Description	List price(USD)
5015	1000 RPM 1 3/4" PTO with Wide Angle PTO drive shaft (constant velocity)	\$1,198.00
DISCHARGE		
Basic Factory Options		
BEATER		
1100	Horizontal Beater	No Added Cost
1120	Vertical Beater	\$15,280.00
Field Installed Options		
PUSHER CONTROL		
9230	Manual Adjust Hydraulic Variable Speed Pusher Control	\$1,875.00
9231	Electric Adjust Hydraulic Variable Speed Pusher Control	\$5,105.00
REAR PAN		
9440	Rear Pan for Horizontal Beater	\$1,368.00
HITCHES		
Basic Factory Options		
HITCHES		
2165	Bullnose Hitch	\$1,704.00
2166	Clevis Hitch	\$926.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		
3020	19L x 16.1 10 Ply 4 Tires	\$5,348.00
3002	425 x 22.5 Used Truck 4 Tires (8 bolt MS1442, 10 bolt MS1455)	\$2,612.00
3003	550/45 x 22.5, 4 Tires	\$12,087.00
MISCELLANEOUS		
Field Installed Options		
MISCELLANEOUS		
9595	Fit-A-Round Front Protection Screen Extension	\$2,492.00

**MS1455 - 550 Bushel Hydraulic Push Manure Spreader**

Code	Description	List price(USD)
	<p>MS1455 - 550 Bushel Hydraulic Push Manure Spreader</p> <p>Capacity Bushels Heaped: 550 Capacity Cubic Foot Struck Level: 430 PTO: 1000 RPM 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. Hub Type: 10 Bolt Greaseable Standard PTO: Choice 1000 RPM - 1-3/8 In. 1000 RPM - 1-3/4 In. Optional PTO: 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</p>	



MS1455 - 550 Bushel Hydraulic Push Manure Spreader

Code	Description	List price(USD)
	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: black poly material Set-Up Time: 45 Minutes Includes standard transport lights	
	BASE MACHINE	
	<i>new MS14 MY22 with:</i> <i>Longer tongue and Wide Angle PTO drive shaft (constant velocity)</i> <i>Black Poly Bump Rails</i> <i>New Options:</i> <i>Clevis or Bullnose hitch type</i> <i>Variable Speed Pusher Control manual or electric</i> <i>Fit-a-Round Front Screen Extension</i>	
0844XF	MS1455 - 550 Bushel Hydraulic Push Manure Spreader	\$69,239.00
	DESTINATION AND LANGUAGE	
	Basic Factory Options	
	DESTINATION	
0202	United States	In Base Price
	OPERATOR'S MANUAL AND DECALS	
0409	English OM & Decal Kit	No Added Cost
0413	French OM & Decal Kit	No Added Cost
0437	Spanish OM & Decal Kit	No Added Cost
	ATTACHMENTS FOR FIELD CONVERSION	
	OPERATOR'S MANUAL AND DECALS	
5HP608FK1442	French Operators Manual and Decals (MS1442 with Horizontal Beaters)	\$80.31
	POWER TAKE-OFF	
	Basic Factory Options	
	POWER TAKE-OFF (PTO)	

**MS1455 - 550 Bushel Hydraulic Push Manure Spreader**

Code	Description	List price(USD)
5011	1000 RPM 1 3/8" PTO with Wide Angle PTO drive shaft (constant velocity)	\$1,198.00
5015	1000 RPM 1 3/4" PTO with Wide Angle PTO drive shaft (constant velocity)	\$1,198.00
DISCHARGE		
Basic Factory Options		
BEATER		
1100	Horizontal Beater	No Added Cost
1120	Vertical Beater	\$17,030.00
Field Installed Options		
PUSHER CONTROL		
9230	Manual Adjust Hydraulic Variable Speed Pusher Control	\$1,875.00
9231	Electric Adjust Hydraulic Variable Speed Pusher Control	\$5,105.00
REAR PAN		
9440	Rear Pan for Horizontal Beater	\$1,368.00
HITCHES		
Basic Factory Options		
HITCHES		
2165	Bullnose Hitch	\$1,704.00
2166	Clevis Hitch	\$926.00
WHEELS, TIRES AND AXLES		
Basic Factory Options		
TIRES		
3002	425 x 22.5 Used Truck 4 Tires (8 bolt MS1442, 10 bolt MS1455)	\$3,369.00
3003	550/45 x 22.5, 4 Tires <i>Include Heavy duty Tandem Axle on MS1455</i>	\$12,087.00
MISCELLANEOUS		
Field Installed Options		
MISCELLANEOUS		
9595	Fit-A-Round Front Protection Screen Extension	\$2,492.00