

Frontier Standard-Duty Manure Spreaders



25- to 175-bushel capacity • Ground- and PTO-driven models

Economical solution Fast and easy

Bushel Capacity

Check out the all-new line of **Frontier Standard-duty Manure Spreaders**. They're built tough for long-life. And they deliver excellent spreading performance no matter how tough the conditions. Best of all, they're ready and waiting at your local John Deere dealership!

These compact spreaders are perfect for any small livestock or horse operation. They match up neatly to any utility tractor – so you can maneuver easily in and out of confined spaces.

All Frontier Standard-duty Spreaders are constructed of corrosion-resistant galvanized steel for years of trouble-free service. Plus, they feature a poly-bonded floor to reduce main apron drag and minimize the power needed to move the load efficiently. And the poly-bonded floor comes with a limited lifetime warranty!*

Heavy-duty paddle beater assemblies assure aggressive shredding action. Large-diameter beaters deliver greater tip-speed for wide, even, chunk-free spread patterns.

Learn why durable Frontier Standard-duty Manure Spreaders are ideal for small acreages and budgets. See your John Deere dealer today, or visit

www.BuyFrontier.com

*Warranty subject to limitations.
See operators manual for complete warranty details.

Capacity	Struck Level (cu. ft.)	Heaped (bushel, old rating)
MS1102G	13.6	25
MS1105G	35	50
MS1108G	53	80
MS1108	53	80
MS1112	75	125
MS1117	152	175



Easy ways to keep your barns clean and fields green

Standard-Duty Manure Spreader Features



MS1102G Ground-driven

- 20 in.-diameter beater provides even spread of material
- Constructed of corrosion-resistant galvanized steel for years of trouble-free service
- Poly-bonded floor comes with a limited lifetime warranty*
- 5 x 12 deep lug tires provide positive ground drive and traction
- Apron is easily engaged/disengaged with controls located on both sides of spreader
- Fine-spread rear pan is optional



MS1105G Ground-driven

- Heavy-duty 8-paddle beater assembly for aggressive shredding action
- Constructed of corrosion-resistant galvanized steel for years of trouble-free service
- Poly-bonded floor comes with a limited lifetime warranty*
- 7.6 x 15 deep lug tires provide positive ground drive and traction
- Chain-driven beater for efficient, non-stop spreading
- Adjustable ratchet-drive for main apron
- Beater and main apron is easily engaged by simply lowering the control lever
- Fine-spread rear pan is optional



MS1108G Ground-driven / MS1108 PTO-driven

- Heavy-duty 10-paddle beater assembly assures aggressive shredding action for wide spread patterns
- Constructed of corrosion-resistant galvanized steel for years of trouble-free service
- Poly-bonded floor comes with a limited lifetime warranty*
- 6.7 x 15 deep lug tires provide excellent traction (PTO-driven only)
- 7.6 x 15 deep lug tires provide positive ground drive (Ground driven only)
- Heavy-duty gearbox and drive provides greater reliability (PTO-driven only)
- Fine-spread rear pan is optional



MS1112 PTO-driven

- Heavy-duty 10-paddle beater assembly assures aggressive shredding action for wide spread patterns
- Constructed of corrosion-resistant galvanized steel for years of trouble-free service
- Poly-bonded floor comes with a limited lifetime warranty*
- Heavy-duty worm gear drive provides positive drive and long life
- Heavy-duty hitch and frame withstands stress of heavy loads and rough field conditions
- Fine-spread rear pan is optional



MS1117 PTO-driven

- 27-in. diameter beater covers more area from top to bottom, delivers greater tip-speed, chunk-free spread patterns
- Constructed of corrosion-resistant galvanized steel for years of trouble-free service
- Poly-bonded floor comes with a limited lifetime warranty*
- Two-speed apron drive includes low speed, high speed, and clean-out mode
- Easily adjust main apron by simply loosening the two-side bolts and pulling up the long bolt
- Optional hydraulic endgate/optional top beater to handle high-heaped material
- Fine-spread rear pan is optional

Frontier Standard-Duty Manure Spreaders

Specifications

Model #'s	MS1102G	MS1105G	MS1108G	MS1108	MS1112	MS1117
Capacity – heaped bushels (old rating)	25	50	80	80	125	175
Capacity – cu. ft. (struck level)	13.6	35	47	53	75	105
Top of flare width	28-1/2 in. (73 cm)	36 in. (91 cm)	48 in. (122 cm)	48 in. (122 cm)	54 in. (137 cm)	63.5 in. (161 cm)
Inside width	22 in. (56 cm)	36 in. (91 cm)	48 in. (122 cm)	48 in. (122 cm)	48 in. (122 cm)	54 in. (137 cm)
Inside length	6 ft. (183 cm)	8 ft. 1 in. (264 cm)	7 ft. 1 in. (216 cm)	7 ft. 4 in. (223 cm)	10 ft. 6 in. (320 cm)	11 ft. 1 in. (338 cm)
Inside depth	17 in. (43 cm)	17-1/2 in. (44 cm)	17-1/2 in. (44 cm)	19-3/4 in. (50 cm)	22 in. (56 cm)	25-3/4 in. (65 cm)
Overall length	9 ft. 1 in. (277 cm)	13 ft. 4 in. (406 cm)	13 ft. 4 in. (406 cm)	13 ft. 10 in. (422 cm)	15 ft. 3 in. (465 cm)	17 ft. 8 in. (538 cm)
Overall width with standard tires	42 in. (107 cm)	58 in. (147 cm)	72 in. (183 cm)	76 in. (193 cm)	80 in. (203 cm)	83-1/2 in. (212 cm)
Overall loading height – top of flare	30 in. (76 cm)	32-1/2 in. (82 cm)	33 in. (84 cm)	35 in. (89 cm)	43-1/2 in. (110 cm)	45-1/2 in. (116 cm)
Overall height with hydraulic endgate	n/a	n/a	n/a	n/a	n/a	49 in.
Hub style	Greaseable	Greaseable	Greaseable	Greaseable	Greaseable	Greaseable
Axle	Single	Single	Single	Single	Single	Single
Spindle size	1-1/4 in. (3 cm)	1-3/4 in. (4 cm)	2 in. (5 cm)	2 in. (5 cm)	2 in. (5 cm)	2 in. (5 cm)
Standard tire size	6.00 x 12	7.60 x 15	7.60 x 15	6.70 x 15	10.00 x 15	9.00 x 20
Diameter of beater	20 in. (51 cm)	17-1/2 in. (44 cm)	18-1/2 in. (47 cm)	18-1/2 in. (47 cm)	22 in. (56 cm)	27 in. (68 cm)
Upper beater	n/a	n/a	n/a	n/a	n/a	Optional
Number of paddles	8	8	10	10	10	8
Main apron chain (type)	55	62	67H	67H	67XH	T-rod
Hydraulic endgate	n/a	n/a	n/a	n/a	n/a	Optional
Box construction	Corrosion resistant galvanized steel	Corrosion resistant galvanized steel	Corrosion resistant galvanized steel	Corrosion resistant galvanized steel	Corrosion resistant galvanized steel	Corrosion resistant galvanized steel
Floor construction	Bonded poly	Bonded poly	Bonded poly	Bonded poly	Bonded poly	Bonded poly
Drive systems – apron and beater	Ground driven/ adjustable ratchet drive	Ground driven/ adjustable ratchet drive	Ground driven adjustable 2 speed	PTO driven/gearbox, 1 speed PTO	PTO driven/ gearbox, 1 speed PTO	PTO driven/ gearbox, 2 speed PTO
Rear pan	Optional	Optional	Optional	Optional	Optional	Optional
PTO speed (rpm)	n/a	n/a	Ground drive or 540	Ground drive or 540	540	540
Towing unit minimum weight*	961 lb. (436 kg)	2,177 lb. (987 kg)	2,851 lb. (1,293 kg)	3,282 lb. (1,489 kg)	4,547 lb. (2,062 kg)	5,672 lb. (2,573 kg)
Swing-away jack	n/a	Standard	Standard	Standard	Standard	Standard
Weight with tires	350 lb. (159 kg)	790 lb. (358 kg)	975 lb. (442 kg)	1,140 lb. (517 kg)	1,600 lb. (726 kg)	2,030 lb. (921 kg)

*If towed equipment does not have brakes, do not travel more than 32 km/hr (20 mph) and do not tow loads more than 1.5 times the towing vehicle weight.

Frontier also offers manure spreaders from 235- to 660-bushel capacity for larger farm operations.



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL JOHN DEERE DEALER FOR DETAILS. Frontier Equipment reserves the right to change specifications, design and price of products described in this literature without notice. John Deere, the leaping deer symbol, and John Deere's green and yellow trade dress are the trademarks of Deere & Company. Copyright 2011, Frontier Equipment.

www.BuyFrontier.com