

Side-Discharge Manure Spreaders



MS2320 • MS2326 • MS2334 • MS2342

The Side-Discharge Advantage

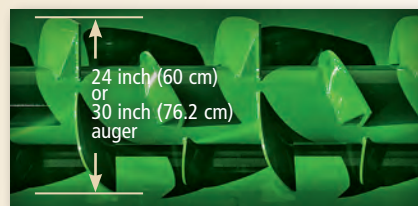
Sometimes, side effects can be good for you – and for your land. The MS23 Series Side-Discharge Manure Spreaders from Frontier Equipment expel material from the right side instead of the rear. This innovative design improves efficiency in several ways:

- **Accuracy.** Side-Discharge Manure Spreaders can throw materials farther without sacrificing accuracy. Plus, high visibility makes it easier to monitor dispersal rate and distance, and reduces the risk of misapplication.
- **Adjustability.** The operator can adjust distance and rate, and hydraulically control auger for height and speed.
- **Consistency.** Manure distributed from a rear spreader tends to concentrate in the middle of the spray area and fan out toward the edges. Spreading from the side promotes uniform coverage, side to side, front to back.
- **Flexibility.** Side-Discharge Manure Spreaders can handle a wide range of material consistencies, from semi-liquid to solid.

The side-discharge design sets the M23 Series apart, but it also is convenient and reliable to operate. Tank capacities range from 2,000 to 4,200 gallons (7,570 to 15,899 L). A 40 inch (101.6 cm) wide expeller beater; an automatic chain-oiler system; a left-side, poly-lined tank; highway lighting system; remote grease system; and driveline protection on all models.

Learn more about the side-discharge advantage at your local John Deere dealership, your exclusive source of Frontier Equipment.

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24 or 30 inch
(61 or 76.2 cm)
diameter auger

All augers raise and lower hydraulically to move material

evenly to the expeller system and reduce bridging. Use hydraulic controls to adjust the dispersal rate, feed materials of various consistencies, and break up clumps to prevent bridging during unloading.

Cylinder system

The hydraulic system adjusts the product flow rate through the gate to the paddles.



Rear Hydraulics

The master-slave cylinder system adjusts auger movement and rate of application on-the-go to keep material moving consistently to the expeller.



Expeller shield

Manually adjust the top expeller shield to vary the distance of the spread pattern.



Poly-lined tank

Poly lining on the left-side of the tank promotes product flow and reduces sticking by allowing material to slide to the auger. The rotation of the auger then feeds material to the expeller system.



Gauges

Convenient gauge displays make it easy to monitor product flow through the gate (*left*), and auger and material height (*right*).



Grease Port

Grease port makes lubrication efficient for other wise hard to access ports.

Oiler system

The automatic oiler system releases oil each time the discharge door is raised to keep drive system chains working smoothly.



Drive system

The drive system features a heavy-duty clutch and chain for smooth power transfer and longer life.

Paddles

Four reversible (for longer wear) bolt-on, square-tooth paddles shred and rip material for a uniform spread pattern. Top-down beating action breaks apart clumps and propels them from the expeller.

Expeller system

The heavy-duty expeller system, with four spinning paddles, poly-lined spread pan and side fins that help cut drift, spreads manure in an even, consistent pattern.

Shear bolt protection

A rugged metal housing protects the shear bolt for longer life and uninterrupted performance.
(Available only on MS2320 and MS2326 models.)



Scraper holder and jack storage

Extra equipment is always close at hand with a scraper holder and jack storage, both on the left side of the spreader.



Specifications

Model	MS2320	MS2326	MS2334	MS2342
Cubic foot struck level	268.6	347	451	564
Gallon capacity	2,009 gallons (7,604.9 L)	2,596 gallons (9,826.93 L)	3,377 gallons (12,783.34 L)	4,200 gallons (15,898.73 L)
Tank length	16 ft. (4.9 m)	16 ft. (4.9 m)	16 ft. (4.9 m)	20 ft. (6.1 m)
Overall length	22 ft. 8 in. (6.91 m)	22 ft. 8 in. (6.91 m)	23 ft. 7 in. (7.19 m)	27 ft. 7 in. (8.4 m)
Tank width (top)	76 in. (193.0 cm)	87 in. (221. cm)	97 in. (246.4 cm)	97 in. (246.4 cm)
Auger diameter	24 in. (61.0 cm)	24 in. (61.0 cm)	30 in. (76.2 cm)	30 in. (76.2 cm)
Poly-lined tank	Left side	Left side	Left side	Left side
PTO overrunning clutch	Standard	Standard	Standard	Standard
Shear bolt driveline protection	Torque limiting clutch and shear bolts	Torque limiting clutch and shear bolts	Overrunning torque limiting clutch	Overrunning torque limiting clutch
PTO (standard)	540 RPM	1,000 RPM	1,000 RPM	1,000 RPM
PTO (optional)	1,000 RPM	540 RPM	—	—
Expeller size	40 in. (101.6 cm)	40 in. (101.6 cm)	40 in. (101.6 cm)	40 in. (101.6 cm)
Front and rear splash guards	Yes	Yes	Yes	Yes
Weight	6,860 lb. (3,111.6 kg)	7,880 lb. (3,574.3 kg)	10,940 lb. (4,962.3 kg)	16,500 lb. (7,484.3 kg)
Warranty ²	1 year	1 year	1 year	1 year

¹ 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. ²Hour and/or usage limitations may apply. See Warranty for new John Deere™ Agricultural Equipment or CONTACT YOUR LOCAL JOHN DEERE DEALER FOR COMPLETE DETAILS. 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, and product options/accessories available at an additional cost that may not be available in all regions. Frontier Equipment reserves the right to change specifications and design 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 2018, Frontier Equipment

Lighting system

The standard highway lighting system connects to the seven-pin tractor plug¹.



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