

Side-Discharge Manure Spreaders

FRONTIER



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 expeller system, including the hydraulic feeder door, reversible paddles and expeller shield, allows the operator to adjust distance and rate of material spread.
- **Consistency.** Manure distributed from a rear spreader tends to concentrate in the middle of the spray area and thin 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.

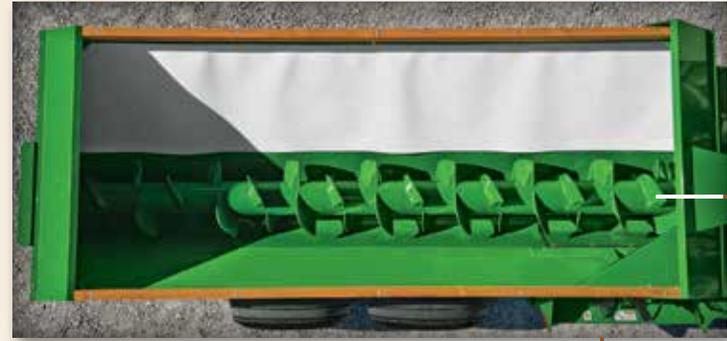
The side-discharge design sets the M23 Series apart, but it also is convenient and reliable to operate. Tank capacities range from 2,000 to 4,200 gallons (7,605 -15,898.7 L). A 40-inch-wide (101.6 cm) expeller beater; an automatic chain-oiler system; a left-side, poly-lined tank; highway lighting system; remote grease system; and shear bolt protection are standard 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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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.



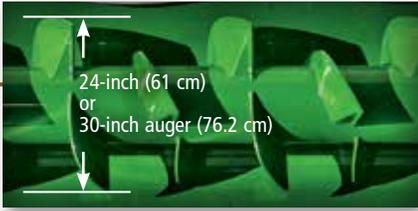
Rear Hydraulics

The master-slave cylinder system adjusts auger movement 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.



Hydraulic Auger Adjustment

All augers raise and lower hydraulically to move material evenly to the expeller system and reduce bridging.

Hydraulic Gate Adjustment

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

Gauges

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



Drive System

The drive system is protected by an overrunning clutch. Shear bolts protect the drive system from foreign objects in material.



Paddles

Twelve reversible (for longer wear) bolt-on, square-tooth paddles shred and rip material to break apart clumps and propel them from the expeller for a uniform spread pattern.

Expeller System

The heavy-duty expeller system, with 12 spinning paddles, poly-lined spread pan and side fins that help cut drift, spreads manure in an even, consistent pattern.



Oiler System

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





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.



Hitch

Proper height adjustment is simple with a flip-over, adjustable hitch.

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
Overrunning clutch	Yes	Yes	Yes	Yes
Shear bolt protection	Yes	Yes	Yes	Yes
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)



Lighting system

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

Note: models/items may not be exactly as shown. See disclaimer below.



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