

FRONTIER
EQUIPMENT™

Rugged. Reliable. Ready.

Frontier All-Purpose Manure Spreaders



MS1337 • MS1354 • MS1368

FRONTIER ALL-PURPOSE MANURE SPREADERS

If your operation produces compact and self-leveling manure, then look to a new Frontier All-Purpose Manure Spreader. These spreaders simplify the clean-up process by handling all kinds of manure, plus they distribute material evenly no matter the consistency.

These all-purpose spreaders have durability built right in. The leak-proof "V" tank is constructed with corrosion-resistant copper-bearing steel and is supported with a full-length unitized frame made of structural "U" channel steel. All stress points are reinforced, and all hubs, spindles, and walking beam assemblies are load-rated.

A simple variable-speed hydraulic drive powers the augers and requires less power and fuel. It also allows you to match the auger feed rates to the consistency of the material and conform the distribution amount to the nutrient needs of your soil.

Solid-flight augers carry the load, rather than undercutting it, and a shredder beater assembly features hardened, replaceable teeth that attack hard-packed and tough manure. The square-frame design reduces build-up and delivers wide, even, spread patterns with less vertical loft.

But best of all, these Frontier Manure Spreaders are backed by John Deere, the most trusted name in farm and ranch equipment. To help you choose the right Frontier Manure Spreader, talk to your local John Deere dealer, your exclusive source of Frontier Equipment.

www.BuyFrontier.com



Frontier All-Purpose Manure Spreaders feature a "V" tank made of corrosion-resistant copper-bearing steel. Sides are 1/8-inch thick and ends are 3/16-inch thick. Optional front and rear splashguards help contain the load.



A "dashboard" lets you verify direction of the auger rotation, auger speed, and sequential opening and closing of the endgate and clean-out pan. The dashboard is visible from the tractor cab. A simple variable speed hydraulic drive (*inset*) controls the augers, requires less power, and lets you match the auger feed rate to a wide range of material consistencies. A pressure relief valve protects the drive and augers from overload damage.

Chains are located in easy-to-reach locations for quick lubing, and are #80 for durability.



for all year long

Endgate track and seals are lined with polyethylene to prevent freeze-up. Wear-hardened shafts and bushings are used at all endgate linkage points. SMV sign is standard.



The inside shredder beater turns up to 300 rpm and is equipped with hardened, replaceable teeth to tear apart packed manure. It also undercuts heaped loads and forces manure downward through the rear endgate to the expeller beater.



A constant-velocity PTO powers both the inside shredder beater and the rear expeller beater and is shear-bolt protected on the PTO shaft (*right, shown with shield removed*). Safety tow chain is standard equipment.



Dual 18-inch diameter, solid-flight augers carry the load rather than undercutting it. Auger troughs are poly-lined to reduce freeze-up. And steep-sloped sides virtually eliminate material hang-up for even flow. In addition, you can reverse the turning direction on-the-go should the spreader become clogged with foreign material.



Sequential valving automatically closes the clean-out pan before the endgate raises, and opens the pan as the endgate is lowered. Bypassing this cycle is done by shutting off the valve and locking the pan in the open or closed position. An easy-to-see indicator (*inset*) lets you know whether the clean-out pan is open or closed.



The rear expeller beater turns at 540 rpm and features replaceable, hardened teeth. The square-frame beater design assembly reduces build-up to deliver wide, even spread patterns with less vertical loft. The gearbox-mounted twine cutter (*inset*) reduces twine wrapping on the drive shaft.

SPECIFICATIONS

Model	MS1337	MS1354	MS1368
Capacity, heaped	375 bushels (13.2 m ³)	540 bushels (19 m ³)	684 bushels (24.1 m ³)
Capacity, struck level	240 cu. ft. (6.8 m ³)	348 cu. ft. (9.9 m ³)	441 cu. ft. (12.5 m ³)
Capacity, gallons	1,800	2,600	3,300
Inside length	16 ft. (4.9 m)	16 ft. (4.9 m)	18 ft. (5.5 m)
Width of tank top	6 ft. 6 in. (2 m)	6 ft. 6 in. (2 m)	6 ft. 6 in. (2 m)
Overall width with 11x22.5 tires	7 ft. 7 in. (2.3 m)	—	—
Overall width with 16.5x16.1 tires	8 ft. 7 in. (2.6 m)	8 ft. 7 in. (2.6 m)	—
Overall width with 425x22.5 tires	8 ft. 8.5 in. (2.7 m)	8 ft. 8.5 in. (2.7 m)	8 ft. 8.5 in. (2.7 m)
Overall length	23 ft. 6 in. (7.2 m)	23 ft. 6 in. (7.2 m)	25 ft. 8 in. (7.8 m)
Height, with splashguard	5 ft. 4 in. (1.6 m) front, 5 ft. 5 in. (1.7 m) rear	6 ft. 3 in. (1.9 m) front, 5 ft. 10 in. (1.8 m) rear	6 ft. 5 in. (2.0 m) front and rear
Loading height (side)	4 ft. 11 in. (1.5 m)	5 ft. 9 in. (1.8 m)	6 ft. 5 in. (2.0 m)
Axle type	Tandem	Tandem	Tandem
PTO drive	540/1000 rpm	540/1000 rpm	1000 rpm
Copper bearing steel tank	Standard	Standard	Standard
Polyethylene-lined auger troughs	Standard	Standard	Standard
Shear-bolt protection	Standard	Standard	Standard
Front and rear splashguards	Optional	Optional	Optional
Inside shredder beater	Standard	Standard	Standard
Auger diameter	18 in. (0.5 m)	18 in. (0.5 m)	18 in. (0.5 m)
Auger speed	Variable hydraulic	Variable hydraulic	Variable hydraulic
Beater drive chain	#80	#80	#80
Beater teeth	Replaceable	Replaceable	Replaceable
Loaded weight (approximate)	21,990 lb. (9975 kg)	29,374 lb. (13 324 kg)	36,603 lb. (16 603 kg)
Tongue weight, loaded (approximate)	2,687 lb. (1219 kg)	3,590 lb. (1628 kg)	4,151 lb. (1883 kg)
Implement weight, with tires	6,870 lb. (3116 kg)	7,450 lb. (3379 kg)	8,700 lb. (3946 kg)
Side rail protection	—	Wood	Steel
Scraper holder	Standard	Standard	Standard
Safety tow chain, transport safety lights, and SMV sign	Standard	Standard	Standard
Warranty	1 year	1 year	1 year



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