

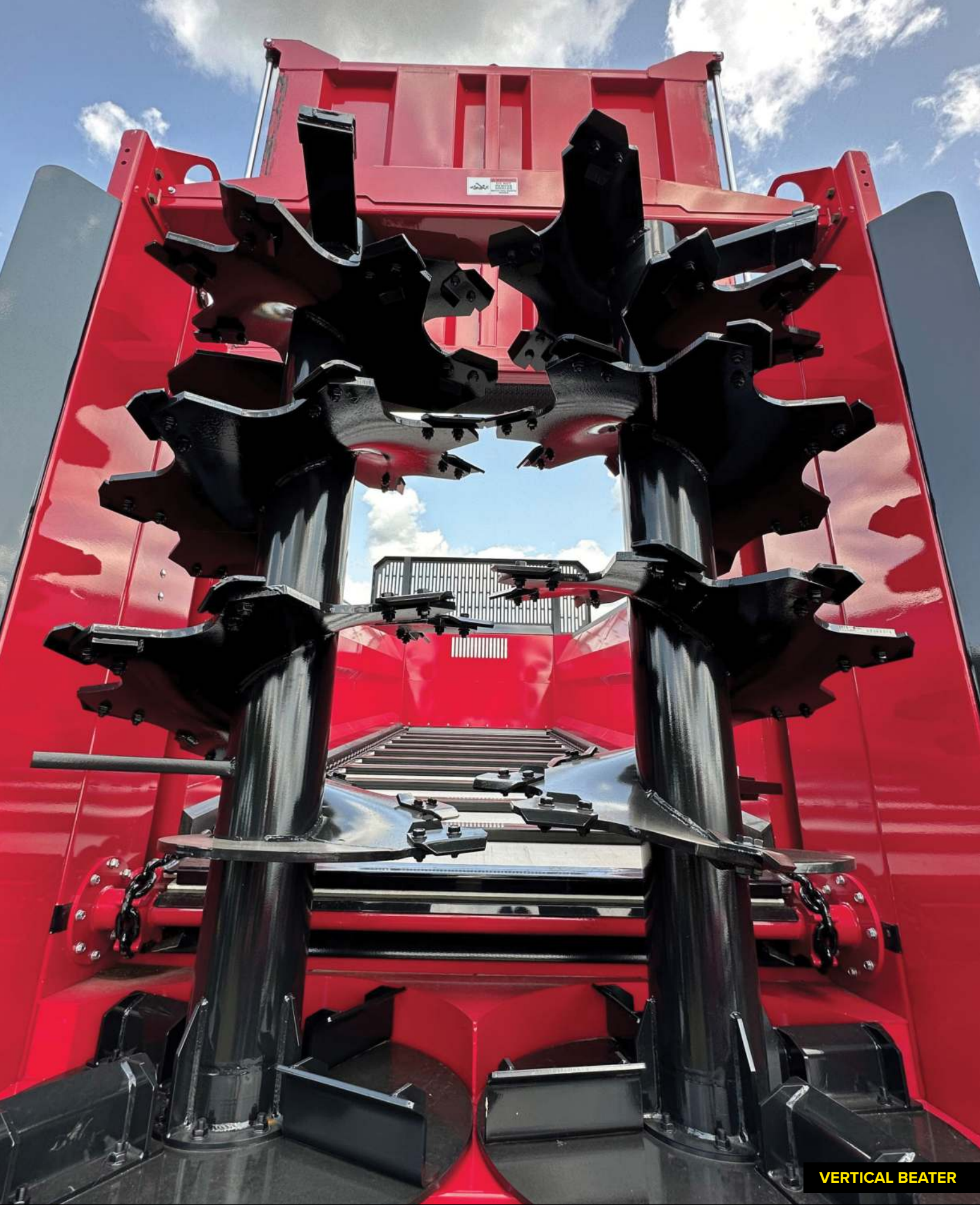


POWERSPREAD
MANURE
SPREADERS



STRONG | EFFICIENT | RELIABLE

HSMFGCO.COM



VERTICAL BEATER

PS6100 SERIES

POWERSPREAD



PS6138



PATENTED VERTICAL BEATER REVERSE FLIGHTING

The top 20+” of the vertical beaters flighting is **reversed to provide an even spread pattern**. The patented reverse flighting spreads material into the center of the spread pattern, creating an even, uniform spread pattern, unlike conventional vertical beater manure spreaders which leave a lighter area of material in the center.



CENTER DRIVE SYSTEM & MONOBLOC GEARBOX

A center driveshaft provides power to a MONOBLOC GEARBOX rated for 400 HP, the **heaviest gearbox in the industry**. A torque limiting and overrunning clutch PTO assembly provides protection to the drive line system.



DUAL HYDRAULIC CYLINDER GUILLOTINE END GATE

Adjust the guillotine endgate to any position to meter the material moved to the beaters by the variable speed apron chain. This combination **provides a consistent flow of material, whether it's pen pack or semi-solids**.

BUILT TOUGH. BUILT TO LAST.



RUBBER SPRING SUSPENSION

Helps cushion your load while traveling through the field for a smoother ride in the tractor while also preventing unnecessary wear on the hitch and pole. Available as an option.

APRON DRIVE GEARS

The PS6138 & PS6160 feature hydraulically driven apron gears. The PS6138 & PS6160 features dual apron drive gears.



BOX

are a single heavy-duty, earbox. The PS6180 arboxes.

HEAVY HYDRAULIC HOSE COUPLERS & PTO SHAFT

The heavy-duty constant velocity PTO provides driveline protection and allows for a tighter turning radius. Color coded hydraulic hose couplers allow you to correctly hook to the proper tractor remotes.

PS6100 SERIES

POWERSPREAD



MODEL PS6160

FEATURES

- Extra large front screen helps to protect the tractor and operator from rogue material
- Easy beater removal
- Variable speed apron control allows for an infinite number of unload speeds. The manual or electric adjust allows for easy change without adjusting the tractor hydraulics.
- Chain and apron:
 - 5/8" Grade 80 marine log chain apron, 1.5 1.5" x 2.5" x 1/4" apron slats (PS6138, PS6160)
 - 3/4" Grade 80 marine log chain apron with 2" x 4" x 1/4" tubular apron slats (PS6180)



DUAL APRON GEARBOXES

The dual apron gearboxes on each side of the PS6180 offer heavier outputs than the competition to provide strength and long life.



SIDE TRANSPORT LIGHTS



MODEL PS6180



AXLE ADJUSTMENTS

There are multiple axle position settings that can be adjusted to optimize the balance the of the manure spreader.



STANDARD REVERSER VALVE

Standard reverser valve allows the operator to reverse the main apron if a problem arises, such as an obstruction in the beater area, to move the load away from the beater assembly.



PS6138

OPTIONAL LIGHT COVERS

Optional light covers close when the end gate is raised for spreading, keeping lights clean for road travel.

OTHER OPTIONS

Manual or electric adjust hydraulic variable speed apron control
4-wheel electric-over hydraulic brakes (PS6180)
Digi-Star™ Scale System (PS6180)
Hydraulic actuator light covers
Bullnose, clevis or pintle hitch choices (PS6138, PS6160) Cat 4 or 5
Bullnose, swivel clevis or pintle hitch choices (PS6180)
Hydraulic jack (PS6180)
Choice of tires and rims
Rubber spring suspension package (PS6138)



	PS6138	PS6160	PS6180
Capacity cu. ft. struck level*	237	404	578
Capacity cu. ft. heaped*	373	509	793
Side loading height	67"	89.5"	94.75"
Height - top of beater	98"	118.38"	132"
Height - top of endgate	98.38"	117.07"	127"
Height - top of stone guard/front screen	108"	118.7"	132"
Inside width	73"	73"	78.75"
Inside width - top of flare	95"	90"	96"
Inside length - front panel to endgate	177"	177"	235.50"
Inside depth	30"	52.3"	52.50"
Overall width w/tires	121"	139"	169"
Overall length	297"	297"	393"
Vertical beater diameter	34"	34"	39"
Replaceable beater paddles	Yes		
Removable beater assembly	Yes		
Spread pattern - approximate	25' - 40' (dependent on the weight of material)		
Unload time - approximate	1 min.		2-1/2 min.
Apron chain size	5/8" Grade 80		3/4" Grade 80
Hitch weight - empty	365 Lbs. (adjustable)	498 Lbs. (Adjustable)	570 Lbs. (adjustable)
Hubs	8 Bolt / 8,000 Lbs.	10 Bolt / 12,000 Lbs	10 Bolt / 25,000 Lbs.
Spindle size	3"		4.5"
Hydraulic requirements	2,700 PSI / 15 GPM		3,000 PSI / 30 GPM
Endgate	Hydraulic guillotine / Metering style		
Cylinders on hydraulic endgate	2		
Jack	Crank		Crank or hydraulic
Poly bump rails	Standard		
Weight w/tires	9,400 Lbs.	11,539 Lbs.	21,768 Lbs.
Standard safety chain	40,500 Lb.		60,000 Lb.

*per ASAE S324.2



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