



HEAVY-DUTY
MANURE
SPREADERS



STRONG | EFFICIENT | RELIABLE

HSMFGCO.COM

S3100 & S3200 SERIES

HEAVY DUTY



MODEL S3123



MODEL S3127



**APRON
IDLER SLIDES**

Cast steel alloy apron idler slides — not idler sprockets — deliver years of dependable service.



**FLOOR
SUPPORTS**

All models have heavy floor supports, side stakes and wrap around steel front corners.



**REAR
MAIN BEATER**

Strong rear main beater side panels are slanted for clearance and wider spread and then welded to the strong 5" C-channel side members.

S3100 & S3200 SERIES

HEAVY DUTY



MODEL S3231



MODEL S3237



SW3243

The SW3243 features a standard top beater, double pole channels, additional floor supports, and #80 drive chain.



OPTIONAL HYDRAULIC DRIVE APRON

Manual variable speed hydraulic drive available on S3231–SW3243 models



MODEL SW3243

GEARBOX

- Gearboxes for the beater and apron are equipped with taper roller bearings.
- The beater drive gearbox is a heavy-duty 1.5:1 bevel gear oil bath equipped with a 4-jaw overrunning clutch for beater shut-off.
- The apron drive is a 50:1 bronze worm gear with shear bolt protection. (Shown with shield removed.)
- S3123 and S3127 spreaders feature a patented, enclosed 2-speed gearbox drive. Shifting is all done in the enclosed two speed/beater shutoff gearbox.



OPTIONAL TOP BEATER

Models S3123, S3127, S3231, and S3237 can be equipped with the optional top beater to provide load leveling and spreading of high heaped loads.



OPTIONAL TIRES

16.5x16.1 tire, wheel, spindle and hub for models S3123, S3127, S3231, and S3237. The SW3243 features the 19Lx16.1



OPTIONAL SECOND HYDRAULIC END GATE CYLINDER

An optional second hydraulic end gate cylinder is available for the S3123, S3127 and S3231.

OTHER OPTIONS

Highway lighting kit
Rear pan
Electric controls for hydraulic drive (S3200 series)
1000 RPM PTO (S3200 series)

BUILT TOUGH.

BUILT TO LAST.



MODEL S3123



MODEL SW3243



MODEL S3127



EASY CLEAN UP

Sides, front panel, and both sides of the rear hydraulic endgate use fiberglass reinforced plywood to provide for easy cleaning and minimal freeze-up.



ROBUST BEATER

Sides, front panel, and both sides of the rear hydraulic endgate use fiberglass reinforced plywood to provide for easy cleaning and minimal freeze-up.



HYDRAULIC END GATE

A semi-liquid hydraulic endgate is standard equipment on all models. A second hydraulic endgate cylinder is standard on the S3237 and SW3243.



	S3123	S3127	S3231	S3237	SW3243
Capacity cu. ft. struck level*	122.04	146.35	164.58	215.68	260.59
Capacity cu. ft. heaped*	209.89	252.46	284.39	344.38	386.22
Top of flare width	68"	68"	68"	68"	68"
Inside width	60"	60"	60"	60"	60"
Inside length	11' 4"	13' 4"	14' 10"	16'	16'
Inside depth	28-3/8"	28-3/8"	28-3/8"	34-3/8"	40-3/8"
Overall width w/tires	94-1/2"	94-1/2"	98"	98"	112"
Overall length	18' 6"	20' 5-1/2"	21' 11-1/2"	23' 2-1/2"	23' 2-1/2"
Side loading height	51-1/2"	51-1/2"	51-1/2"	57-1/2"	63"
Height w/hydraulic endgate	55"	55"	55"	61"	63-1/2"
Height w/front splash	60"	60"	60"	65-1/2"	68-1/2"
Diameter of beater	29"	29"	29"	29"	29"
Spindle size	2"	2-1/2"	2-1/4"	2-1/2"	2-1/2"
Weight w/tires	2,890 Lbs.	3,230 Lbs.	4,190 Lbs.	4,920 Lbs.	5,500 Lbs.
PTO speed	540 RPM Standard		540 RPM Std / 1000 RPM Optional		
Jack	Standard				
Main apron chain	T-Rod				
Upper beater	Optional				Standard
Rear hydraulic endgate	Standard				
Semi-liquid rear pan	Optional				
Drive	2-Speed				
Variable speed hydraulic drive	N/A		Optional		
Electric controls for hydraulic drive	N/A		Optional		
Hydraulic endgate cylinders	1 Standard / 2 Optional			2 Standard	

*per ASAE S324.2



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