

# H&S

# MANURE SPREADERS



Innovators in the Manufacture  
of Agricultural and  
Commercial Equipment

**H&S HAS A MODEL TO FIT YOUR OPERATION**



**Model 1125** 6 x 12 Deep Lug traction tires.



**Model 1150**

## STANDARD FEATURES ON ALL MODELS

Spreader box is constructed of corrosion resistant galvanized steel. All spreaders utilize a bonded poly floor to reduce main apron drag and power needed to move the load.



**Drive Disengaged**

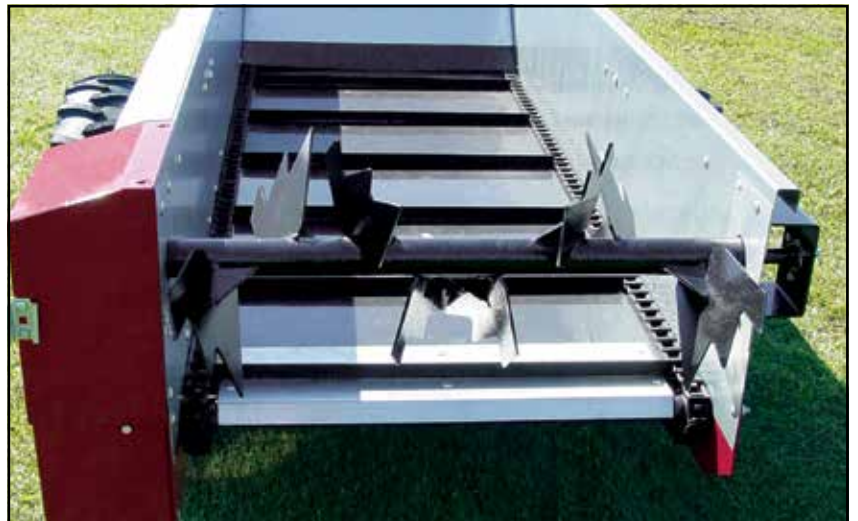
To engage the beater and main apron on **Models 1150 and 1180**, lower the control lever.



**Drive Engaged**



The beater on **Model 1125** is 20" in diameter and with 8 paddles provides an even spread of material. Shown with optional fine spread pan.



The **Model 1150** uses a heavy duty 8 paddle beater assembly.

# IVE MODELS



7.60 x 15 Deep Lug traction tires.



**Model 1180**



Apron Engage/Disengage Lever  
Beater Engage/Disengage Lever

Main apron tightener bolts are located outside on the lower right & left corners of the main frame for adjustment.



Shown with safety shields removed. The beater is chain driven. The main apron is driven by a simple adjustable ratchet drive mechanism.

MODEL	1125 GROUND DRIVE	1150 GROUND DRIVE	1180 GROUND DRIVE
CAPACITY – HEAPED (OLD RATING) BU.	25 BU.	50 BU.	80 BU.
CAPACITY – CU. FT. STRUCK LEVEL	13.6	35	47
TOP OF FLARE WIDTH	28½" (73 CM)	36" (91 CM)	48" (122 CM)
INSIDE WIDTH	22" (56 CM)	36" (91 CM)	48" (122 CM)
INSIDE LENGTH	6' (183 CM)	8' 1" (264 CM)	7' 1" (216 CM)
INSIDE DEPTH	17" (43 CM)	17½" (44 CM)	17½" (44 CM)
OVERALL LENGTH	9' 1" (277 CM)	13' 4" (406 CM)	13' 4" (406 CM)
OVERALL LOADING HEIGHT – TOP OF FLARE	30" (76 CM)	32½" (82 CM)	33" (84 CM)
OVERALL HEIGHT W/HYD. ENDGATE	N/A	N/A	N/A
OVERALL WIDTH W/STANDARD TIRES	42" (107 CM)	58" (147 CM)	72" (183 CM)
STANDARD TIRE SIZE	6.00 X 12	7.60 X 15	7.60 X 15
SPINDLE SIZE	1¼" (3 CM)	1¾" (4 CM)	2" (5 CM)
DIAMETER OF BEATER	20" (51 CM)	17½" (44 CM)	18½" (47 CM)
NUMBER OF PADDLES	8	8	10
MAIN APRON CHAIN	55	62	67H
BOX CONSTRUCTION	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL
FLOOR CONSTRUCTION	BONDED POLY	BONDED POLY	BONDED POLY
APRON DRIVE	ADJUSTABLE RATCHET DRIVE	ADJUSTABLE RATCHET DRIVE	ADJUSTABLE RATCHET DRIVE
UPPER BEATER	N/A	N/A	N/A
SWING AWAY JACK	N/A	STANDARD	STANDARD
WEIGHT W/TIRES	350 LBS. (159 KG)	790 LBS. (358 KG)	975 LBS. (442 KG)
OPTIONS	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN



Model 2180



Model 2112

## STANDARD FEATURES ON ALL MODELS

Spreader box is constructed of corrosion resistant galvanized steel. The heavy duty steel A-frame and hitch assembly is built to withstand the stress of heavy loads and rough roads.

The **Model 2117** uses an all welded heavy duty A-frame hitch assembly and full length unitized main frame.

All spreaders utilize a bonded poly floor to reduce main apron drag and power needed to move the load.



The large diameter beater on **Models 2112** and **2117** provides an even spread pattern.



Shifting on the PTO models is done in the H&S two spread gear box plus beater shutoff.



A **2-speed apron drive system** is standard equipment on **ALL PTO** models.

# MODELS



**Model 2117**



On all models, the **main apron tightener bolts** are located outside on the lower right and left corners of the main frame for adjustment.



Shown with **optional** rear trip pan. The heavy duty beater assembly assures aggressive shredding action with even wide spread patterns.

MODEL	2180 PTO DRIVE	2112 PTO DRIVE	2117 PTO DRIVE
CAPACITY – HEAPED (OLD RATING) BU.	80 BU.	125 BU.	175 BU.
CAPACITY – CU. FT. STRUCK LEVEL	53	75	105
TOP OF FLARE WIDTH	48" (122 CM)	54" (137 CM)	63½" (161 CM)
INSIDE WIDTH	48" (122 CM)	48" (122 CM)	54" (137 CM)
INSIDE LENGTH	7' 4" (223 CM)	10' 6" (320 CM)	11' 1" (338 CM)
INSIDE DEPTH	19¾" (50 CM)	22" (56 CM)	25¾" (65 CM)
OVERALL LENGTH	13' 10" (422 CM)	15' 3" (465 CM)	17' 8" (538 CM)
OVERALL LOADING HEIGHT – TOP OF FLARE	35" (89 CM)	43½" (110 CM)	45½" (116 CM)
OVERALL HEIGHT W/HYD. ENDGATE	N/A	N/A	49"
OVERALL WIDTH W/STANDARD TIRES	76" (193 CM)	80" (203 CM)	83½" (212 CM)
STANDARD TIRE SIZE	6.70 X 15	10.00 X 15	10R X 22.5
SPINDLE SIZE	2" (5 CM)	2" (5 CM)	2" (5 CM)
DIAMETER OF BEATER	18½" (47 CM)	22" (56 CM)	27" (68 CM)
NUMBER OF PADDLES	10	10	8
MAIN APRON CHAIN	67H	67XH	T-ROD
BOX CONSTRUCTION	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL	CORROSION RESISTANT GALVANIZED STEEL
FLOOR CONSTRUCTION	BONDED POLY	BONDED POLY	BONDED POLY
APRON DRIVE	GEARBOX, 2 SPEED PTO	GEARBOX, 2 SPEED PTO	GEARBOX, 2 SPEED PTO
UPPER BEATER	N/A	N/A	OPTIONAL
SWING AWAY JACK	STANDARD	STANDARD	STANDARD
WEIGHT W/TIRES	1140 LBS. (517 KG)	1600 LBS. (726 KG)	2030 LBS. (921 KG)
OPTIONS	FINE SPREAD PAN	FINE SPREAD PAN	FINE SPREAD PAN OR HYD. END GATE

## H&S "HEAVY DUTY" MANURE SPREADERS ARE BUILT WITH THE FARMER IN MIND.

- Front splash guard comes standard on all heavy duty models.



- Patented H&S enclosed 2-speed gear box.

- Main apron shear bolt

### MODEL 3123

235 Bushel, Struck level 143 cu. ft.

- The drive for the 3123 and 3127 spreaders utilize the patented H&S 2-speed gear box. Shifting is all done in the enclosed two speed/ beater shutoff gear box.
- The sturdy hydraulic cylinder mount tube extends all the way through the frame to the other side.

UNLOADING SPEED	3123	3127
(2 SPEED GEAR BOX)	PTO SPEED	
HIGH SPEED	540 RPMS - 8' 9" PER MINUTE	
LOW SPEED	540 RPMS - 4' 9" PER MINUTE	



- Hydraulic cylinder mount tube



- H&S uses cast special steel alloy apron idler slides instead of idler sprockets making for years of dependable service.

### MODEL 3127

270 Bushel, Struck level 167 cu. ft.

## H&S spreaders have a massive unitized welded frame.



- Heavy floor supports and side stakes, wrap around steel front corners.

- Strong rear main beater side panels are slanted for clearance and wider spread, and then welded to the strong 5" U channel side members. Compare with any on the market.



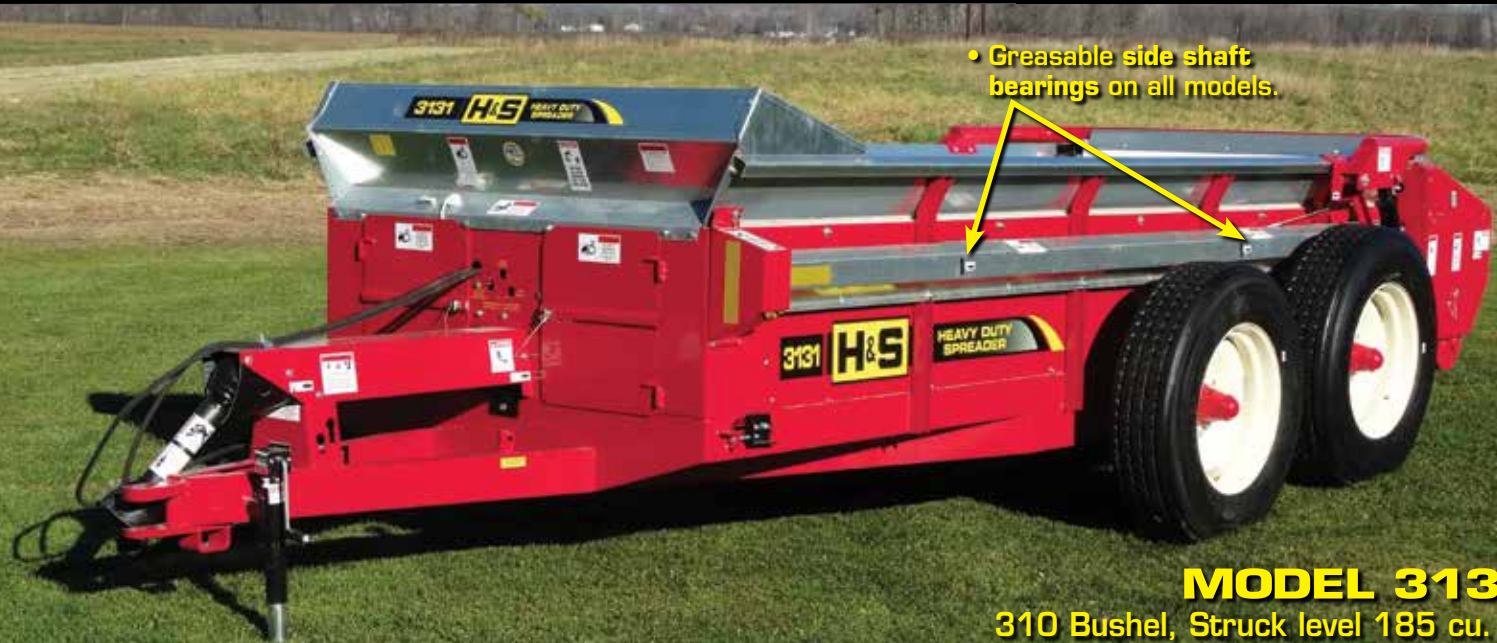
- **Models 3123-3137** can be equipped with the **optional top beater** to provide load leveling and spreading of high heaped loads. Top beater is standard equipment on 3143 & W3143.

### A REAR HYDRAULIC ENDGATE IS STANDARD ON ALL MODELS!



- All models have a **29" diameter beater** with 14 replaceable beater paddles. The beater has two types of paddles, blunt for widespread and sharp ripper type for cutting and shredding. The beater side wiper blades are also standard equipment.

MODEL	3123	3127	3131	3137	3143 & W3143	3156	3166
TOP OF FLARE WIDTH	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)	89½" (227 CM)	89½" (227 CM)
INSIDE WIDTH	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 CM)	80" (203 CM)	80" (203 CM)
INSIDE LENGTH	12' 1" (3.7 M)	14' 1" (4.3 M)	15' 7" (4.8 M)	16' 6" (5.1 M)	16' 6" (5.1 M)	17' 5" (5.3 M)	17' 5" (5.3 M)
INSIDE DEPTH	28¾" (72 CM)	28¾" (72 CM)	28¾" (72 CM)	34¾" (87 CM)	40¾" (102 CM)	36" (91 CM)	49" (124 CM)
OVERALL WIDTH W/STANDARD TIRES	94½" (240 CM)	94½" (240 CM)	98" (249 CM)	98" (249 CM)	112" (285 CM)	131" (333 CM)	131" (333 CM)
OVERALL LENGTH	18' 6" (5.7 M)	20' 5½" (6.3 M)	21' 11½" (6.7 M)	23' 2½" (7.1 M)	23' 2½" (7.1 M)	26' 10" (10.2 M)	26' 10" (10.2 M)
OVERALL LOADING HEIGHT-TOP OF FLARE	51½" (131 CM)	51½" (131 CM)	51½" (131 CM)	57½" (1.5 M)	63" (160 CM)	63½" (161 CM)	78¾" (200 CM)
OVERALL HEIGHT W/HYD. ENDGATE	55" (140 CM)	55" (140 CM)	55" (140 CM)	61" (1.5 M)	63½" (161 CM)	78" (198 CM)	83" (211 CM)
DIAMETER OF BEATER	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)	29" (74 CM)
MAIN APRON CHAIN	T-ROD	T-ROD	T-ROD	T-ROD	T-ROD	T-BAR	T-BAR
UPPER BEATER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD	STANDARD
SPINDLE SIZE	2" (5 CM)	2½" (6 CM)	2¼" (6 CM)	2½" (6 CM)	2½" (6 CM)	3" (8 CM)	3" (8 CM)
STANDARD TIRE SIZE	295 X 22.5 RECAP	295 X 22.5 RECAP	295 X 22.5 RECAP	295 X 22.5 RECAP	16.5 X 16.1 FLOTATION	425 X 22.5 USED TIRE	425 X 22.5 USED TIRE
OPTIONAL TIRE SIZE	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	16.5 X 16.1 FLOTATION	N/A	19L X 16.1 OR 600/50 X 22.5	N/A
WEIGHT W/TIRES	2890 LBS. (1,311 KG)	3230 LBS. (1,495 KG)	4190 LBS. (1,901 KG)	4920 LBS. (2,232 KG)	<b>3143</b> 5220 LBS. (2,332 KG) <b>W3143</b> 5500 LBS. (2,495 KG)	8140 LBS. (3,692 KG)	9600 LBS. (4,354 KG)
CAPACITY - OLD RATING	235 BU.	270 BU.	310 BU.	370 BU.	430 BU.	560 BU.	660 BU.
CAPACITY CU. FT. STRUCK LEVEL	143	167	185	235	275	353	479
REAR HYDRAULIC ENDGATE	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
SEMI LIQUID REAR PAN	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
PTO SPEED	540	540	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL	1000 STANDARD 540 OPTIONAL	1000 STANDARD 540 OPTIONAL
JACK	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVE	2 SPEED	2 SPEED	2 SPEED	2 SPEED	2 SPEED	HYD.	HYD.
VARIABLE SPEED HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	STANDARD
ELECTRIC CONTROLS FOR HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FRONT SPLASH PANEL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
HYD. CYL. ON HYD. ENDGATE	1- STANDARD 2- OPTIONAL	1- STANDARD 2- OPTIONAL	1- STANDARD 2- OPTIONAL	2	2	2	2



- Greasable side shaft bearings on all models.

## MODEL 3131

310 Bushel, Struck level 185 cu. ft.

### HYDRAULIC END GATE FEATURES



- A semi-liquid hydraulic end gate is standard equipment on all models. A second hydraulic endgate cylinder is standard on the 3137, 3143, W3143, 3156 and 3166.
- An optional second hydraulic end gate cylinder is available for the 3123, 3127 and 3131. The hydraulic lines are run through a 3x3 tube under the floor. The upright position of the hydraulic cylinder stroke allows the gate to lift with the least strain at pivot points.

- Sides, front panel and both sides of the rear hydraulic end gate on 3123-3143 use fiberglass reinforced plywood to provide for easy cleaning and minimal freeze up. The 3123 and 3127 models feature a plastic coated plywood floor, while the H&S 3131, 3137 and 3143 models have a solid virgin grade poly floor. Considerably less torque is needed to move a heavy load with both styles of floors.



UNLOADING SPEED	3131-W3143
(2 SPEED CHAIN DRIVE)	PTO SPEED
HIGH SPEED	540 RPMS - 8' 8½" PER MINUTE
LOW SPEED	540 RPMS - 4' 8½" PER MINUTE



- Optional variable speed hydraulic drive available on 3131-3143W.



## MODEL 3137

370 Bushel, Struck level 235 cu. ft.



- A 2-speed apron drive is standard equipment on all models.



# FURE SPREADERS

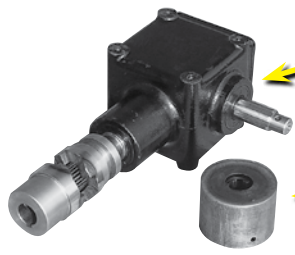


• Top Beaters

**MODEL 3143**  
430 Bushel, Struck level 275 cu. ft.



• Gear box mechanisms and drive for the beater and apron of **Models 3131, 3137 and 3143** are Timken tapered roller bearing equipped. The beater drive gear box is 1-1½ bevel gear oil bath equipped with a 4-jaw over running clutch for beater shut off. The **apron drive** is a 50:1 bronze worm gear with shear bolt protection.



• The strong **oil bath bevel gear box** that powers the beater is tapered Timken roller bearing equipped. The gear box utilizes a 4-jaw beater shut off clutch and tractor sized spline shaft.

• **Replaceable splined hub** that welds into the main beater tube.

**H&S Rugged Dependability!**



• The **rear pan** is optional on all models.



• The **side flares** on all models are made of 10 gauge G210 culvert grade galvanized steel.

• The **W3143 (western)** has all the same features as the 3143 with additional features such as double main frame channels, additional floor supports, 1045 hardened drive shaft, #80 drive chain and a heavy duty main gear box.

**MODEL W3143**  
430 Bushel, Struck level 275 cu. ft.

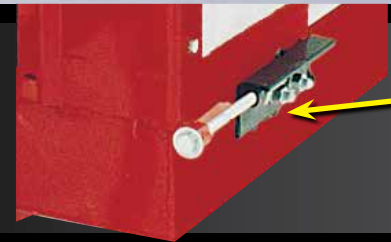
## MODEL 3156

560 Bushel, Struck level 353 cu. ft.

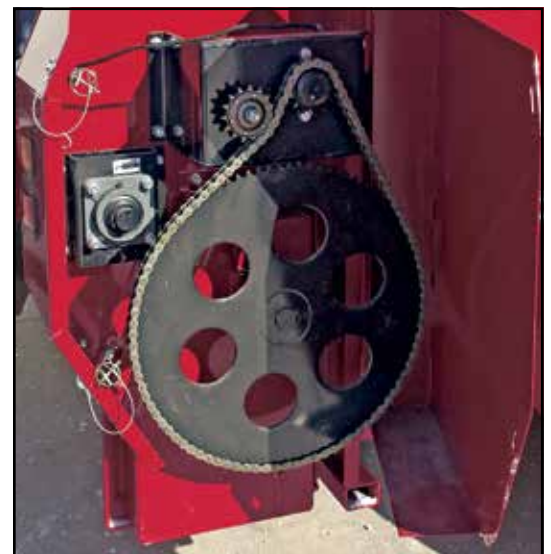


- The 3156 features 425x22.5 used truck tires as standard equipment. Optional tires include 19Lx16.1 or 600/60x22.5

The **3156** and **3166** manure spreaders feature a heavy duty 7" structural steel channel iron frame with a double channel iron pole for superior strength and comes standard with variable speed hydraulic drive and constant velocity PTO.



- A **rear side hinged door** on the beater drive allows easy access for servicing and adjustment of the spring loaded tighteners.



- The box of the 3156 and 3166 spreaders consist of **solid virgin grade poly floor**, T-Bar chain for a strong double main apron and plastic coated plywood sides, front, and endgate.

- The electric-over-hydraulic **variable speed apron drive** on both models features a heavy duty hydraulic motor with a heavy apron chain reduction gear box.

# FURE SPREADERS

## MODEL 3166

660 Bushel, Struck level 479 cu. ft.

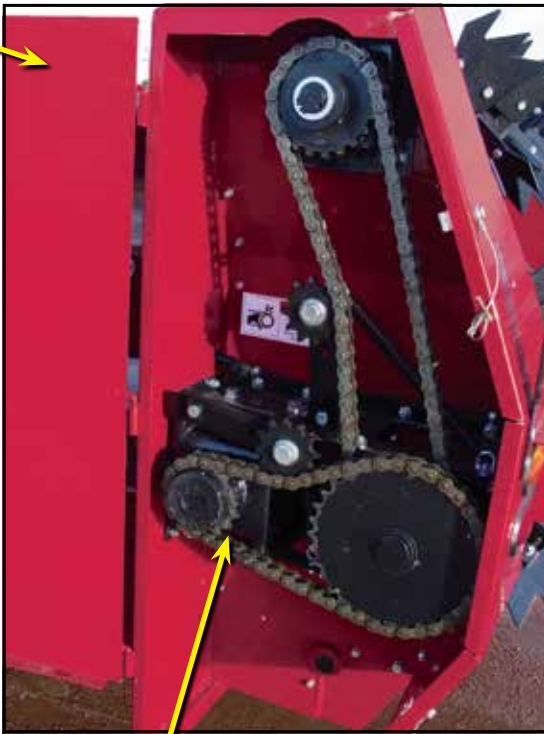


- The 3166 running gear consists of stress proof spindles with 12000# hubs and a 4½" stress proof axle pivot.

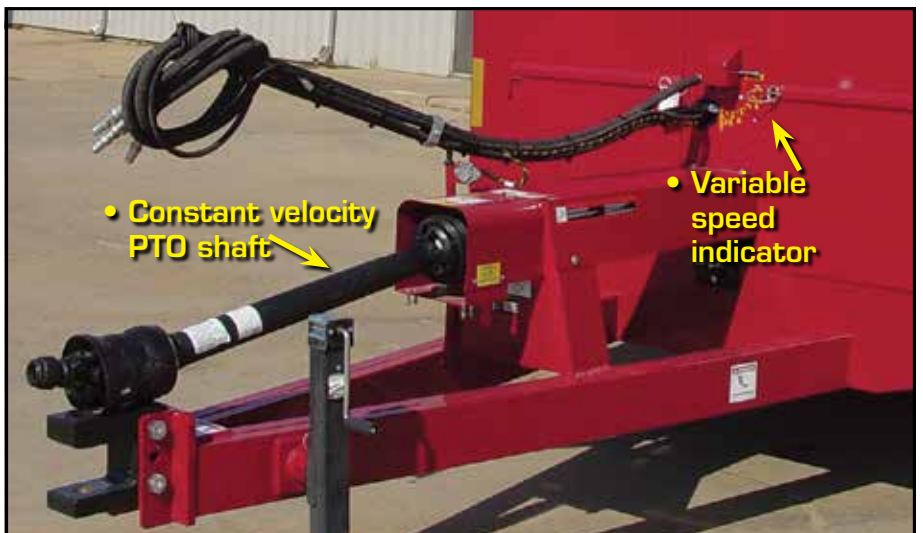
- Adjustment for the main apron is easy, by simply loosening the two side bolts and drawing up the long bolt.



- The **top beater** is standard equipment and both beaters have 18 replaceable blades.



- The **beater drive system** features a heavy duty worm drive gear box, chain reduction, and a four jaw override beater clutch.



- Constant velocity PTO shaft

- Variable speed indicator

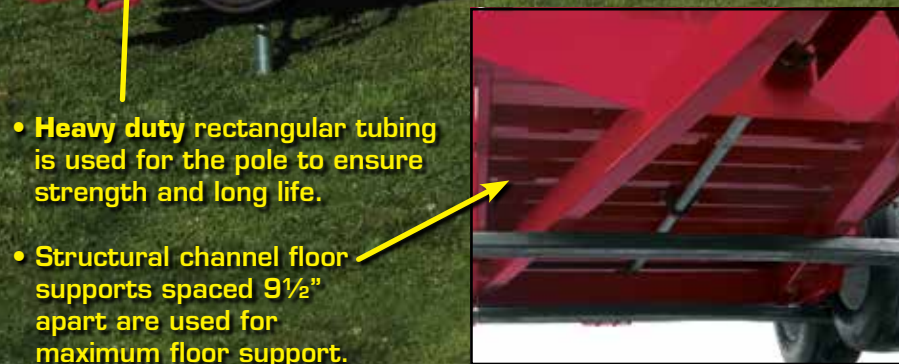
## Vertical & Horizontal Beater assemblies are interchangeable and removeable.



- The H&S Hydra-Push-Off System on all models feature two hydraulic cylinders that sequence to reduce push-off forces, and fast unloading of material.

- Easy open shields makes lubing of bearings easy.

### Center Drive System



- Heavy duty rectangular tubing is used for the pole to ensure strength and long life.
- Structural channel floor supports spaced 9½" apart are used for maximum floor support.



- A straight shaft off the PTO connects to an angle gearbox in the rear, and over to the beater drive sprocket.

### Beater blades are replaceable!

- Installation of either beater assembly is done by removing the mounting bolts and a drive chain, interchanging beaters, then reinstalling the mounting bolts and drive chain.



# HYDRA-PUSH SPREADERS

- #80 chains are used for strength and long life.
- **Auto-oiler** for the vertical beater drive chains is standard equipment.
- **Beater gearboxes** are safely mounted on the top side of the vertical beaters rather than the bottom to avoid being destroyed by foreign objects.
- The **hydraulic endgate** has **2 cylinders** with 3/8" hose and pipe for faster operation in cold weather.
- **Quick release clean out pan** on the Vertical Beater, shown below in open position for clean out.



- All HP models use solid virgin grade poly with UV inhibitor, for the floor and sides allowing less friction.



MODEL	HPH 4142	HPH 4155	HPV 4142	HPV 4155
CAPACITY - OLD RATING	425 BUSHEL	550 BUSHEL	425 BUSHEL	550 BUSHEL
CAPACITY CU. FT, STRUCK LEVEL	270	430	270	430
SIDE LOADING HEIGHT	61 1/4"	81"	61 1/4"	81"
2ND OR VERTICAL BEATER HEIGHT	74 3/4"	86 3/4"	104 1/2"	121 1/2"
HEIGHT-TOP OF HYD. END GATE (W/O HOOK)	65"	85 1/2"	65"	85 1/2"
HEIGHT-TOP OF SCREEN (VERTICAL BEATER ONLY)	N/A	N/A	98"	117"
INSIDE WIDTH	72"	72"	72"	72"
INSIDE LENGTH	16'	16'	16'	16'
INSIDE DEPTH	34"	53"	34"	53"
OVERALL WIDTH W/TIRES	10' 2"	10' 2"	10' 2"	10' 2"
OVERALL LENGTH	26' 5"	26' 5"	27' 5"	27' 5"
STANDARD NUMBER OF BEATERS	2	2	2	2
HORIZONTAL BEATER DIAMETER/LOWER	29"	29"	N/A	N/A
HORIZONTAL BEATER DIAMETER/UPPER	20"	29"	N/A	N/A
VERTICAL BEATER DIAMETER	N/A	N/A	34"	34"
REPLACEABLE BEATER PADDLES	YES	YES	YES	YES
REMOVABLE BEATER ASSEMBLY	YES	YES	YES	YES
HYDRAULIC PUSH CYLINDER DIAMETER	3 1/2"	4 1/2"	3 1/2"	4 1/2"
HYDRAULIC PUSH CYLINDER HOSE DIAMETER	3/8"	1/2"	3/8"	1/2"
HUB	8 BOLT	10 BOLT	8 BOLT	10 BOLT
SPINDLE SIZE	3"	3"	3"	3"
TIRE SIZE - STANDARD	425 X 22.5	425 X 22.5	425 X 22.5	425 X 22.5
TIRE SIZE - OPTIONAL	19L X 16.1 10 PLY	600/50 X 22.5	19L X 16.1 10 PLY	600/50 X 22.5
HYDRAULIC END GATE	STANDARD	STANDARD	STANDARD	STANDARD
CYLINDERS ON HYDRAULIC END GATE	2 W-3/8" HOSE	2 W-3/8" HOSE	2 W-3/8" HOSE	2 W-3/8" HOSE
REAR PAN	OPTIONAL	OPTIONAL	STANDARD	STANDARD
JACK	STANDARD	STANDARD	STANDARD	STANDARD
WOOD SIDE RAILS	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT W/TIRES	7,000#	9,680#	7,900#	11,000#
<b>PTO CHOICES:</b>				
540 RPM PTO - WITH OVER RUNNING TORQUE LIMITING CLUTCH	YES	N/A	YES	N/A
1,000 PRM PTO - 1 3/4 OR 1 3/4 WITH SHEAR BOLT PROTECTION	YES	YES	YES	YES
1,000 PRM PTO - 1 3/4 OR 1 3/4 WITH OVER RUNNING TORQUE LIMITING CLUTCH	YES	YES	YES	YES

## MODEL 5215

1286 GALLONS

### - OPTIONAL -

Tandem axle is available with your choice of 295R x 225 recap tires or 16.5 x 16.1 floatation tires.

Optional rear splash guard and side rails are available for 1500 gallon capacity.

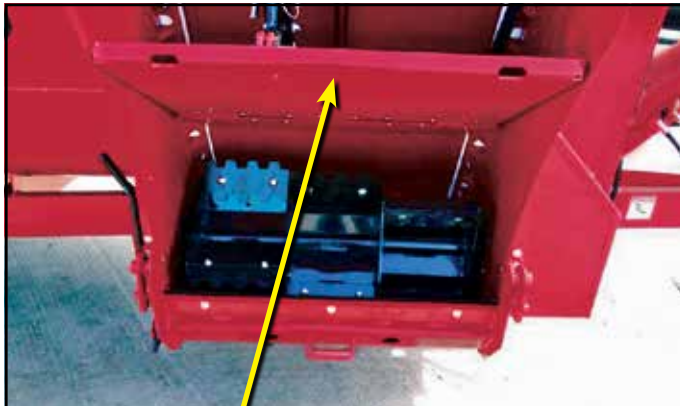
Adjustable Flip-Over Hitch



The **5215** features a 3 Section - 30" Expeller with a quick release poly-lined fine spread pan.



The **5215**, **5220** and **5226** drive system features a sprocket reduction system with heavy-duty chain, and an overrunning torque limiting clutch for protection & smooth power transfer.



A manual adjust top shield allows you to set the distance of material being discharged.



### 5215 Tire Specifications

TIRES	w/19L x 16.1
SIDE LOADING HEIGHT	65.75"
HEIGHT @ REAR CYLINDER BRACKET	66.75"
HEIGHT @ FRONT SPLASH	79"
OVERALL WIDTH	88.5"

# LARGE MANURE SPREADERS

## ALL MODELS EXCEPT THE 5215

are available with the optional Digi-Star GT400, or Nutrient Tracker Scale System with GPS



2000 GALLONS

MODEL 5220

Adjustable Flip-Over Hitch



A master/slave cylinder system raises and lowers the main auger evenly to keep material moving to the expeller.

The highway lighting system connects to the 7-pin tractor plug for added safety. Optional on the **5215**.

### 5220 Tire Specifications

TIRES	SIDE LOADING HEIGHT	HEIGHT @ REAR SPLASH	HEIGHT @ FRONT SPLASH	OVERALL WIDTH
Drop Axle w/295 x 22.5	69"	70"	76"	85"
Drop Axle w/16.1 x 16.5	68.5"	69.5"	75.5"	91"
Std Axle w/295 x 22.5	72.5"	73.5"	79.5"	85"
Std Axle w/16.1 x 16.5 Tires	72"	73"	79"	91"
High Axle w/295 x 22.5	74.5"	75.5"	81.5"	85"
High Axle w/16.1 x 16.5 Tires	74"	75"	81"	91"

MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1286 / 1500 WITH EXTENSION	2009	2596	3377	4200
TANK LENGTH	14'	16'	16'	16'	20'
OVERALL LENGTH	20' 10"	22' 8"	22' 8"	23' 7"	27' 7"
TANK WIDTH - TOP	70"	76"	87"	97"	97"
AUGER DIAMETER	24"	24"	24"	30"	30"
POLY LINED TANK	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE
PTO OVERRUNNING CLUTCH	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVELINE PROTECTION	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	OVERRUNNING TORQUE LIMITING CLUTCH	OVERRUNNING TORQUE LIMITING CLUTCH
PTO CHOICES	540 RPM STD. 1000 RPM OPT.	540 RPM STD. 1000 RPM OPT.	1000 RPM STD. 540 RPM OPT.	13 $\frac{3}{8}$ " OR 13 $\frac{1}{4}$ " 1000 RPM	13 $\frac{3}{8}$ " OR 13 $\frac{1}{4}$ " 1000 RPM
EXPPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASHGUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASHGUARDS	OPTIONAL	YES	YES	YES	YES
AUTOMATIC OILER	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
HIGHWAY LIGHTING	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	5,740#	6,860#	7,880#	10,940#	16,500#

## MODEL 5226

2600 GALLONS



An extra heavy tandem axle is available for heavier weights of material.

Adjustable Flip-Over Hitch



The heavy-duty expeller system with a quick release poly-lined fine spread pan and side fins help cut the drift of material towards the tractor and spreader, and provide an excellent spread pattern.



**All Auger Systems** hydraulically raise and lower a full 8" to break-up material that may bridge during unloading.

- The left side poly liner allows material to slide to the auger.
- The **5215, 5220 & 5226** feature a 24" diameter round core segmented auger.
- The **5234 & 5242** have a larger 30" diameter round core segmented auger.

### 5226 Tire Specifications

TIRES	SIDE LOADING HEIGHT	HEIGHT @ REAR SPLASH	HEIGHT @ FRONT SPLASH	OVERALL WIDTH
w/16.1 x 16.5	81"	82"	88"	103"
w/425 x 22.5	83"	84"	90"	102"
w/19L x 16.1	84"	85"	91"	105"
w/480/55R x 22.5	86"	87"	93"	108"



# TRUCK MOUNTS



**TRUCK MOUNTS** available in **ALL Models!**

# TOP SHOT

**Standard Features for models:  
5220, 5226, 5234, 5242**

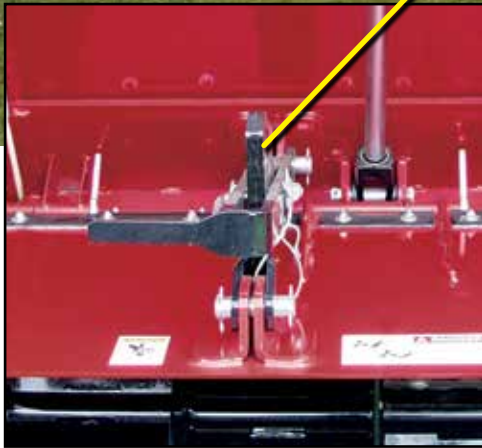
- 40" Wide "Top Shot" Expeller Beater
- Scraper Holder
- Left Side Poly Lined Tank
- Highway Lighting System
- Automatic Chain Oiler System
- Remote Grease System
- Jack storage is on the left side of the manure spreader.

MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1286 / 1500 WITH EXTENSION	2009	2596	3377	4200
TANK LENGTH	14'	16'	16'	16'	20'
OVERALL LENGTH	20' 10"	22' 8"	22' 8"	23' 7"	27' 7"
TANK WIDTH - TOP	70"	76"	87"	97"	97"
AUGER DIAMETER	24"	24"	24"	30"	30"
POLY LINED TANK	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE
PTO OVERRUNNING CLUTCH	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVELINE PROTECTION	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	OVERRUNNING TORQUE LIMITING CLUTCH	OVERRUNNING TORQUE LIMITING CLUTCH
PTO CHOICES	540 RPM STD. 1000 RPM OPT.	540 RPM STD. 1000 RPM OPT.	1000 RPM STD. 540 RPM OPT.	1 $\frac{3}{8}$ " OR 1 $\frac{3}{4}$ " 1000 RPM	1 $\frac{3}{8}$ " OR 1 $\frac{3}{4}$ " 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASHGUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASHGUARDS	OPTIONAL	YES	YES	YES	YES
AUTOMATIC OILER	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
HIGHWAY LIGHTING	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	5,740#	6,860#	7,880#	10,940#	16,500#

## MODEL 5234



**3400 GALLONS**



- The **manual adjust top expeller shield** sets the distance of the spread pattern, while the hydraulic door cylinder allows adjustment for rate of application.
- Reversible bolt-on square tooth paddles shred and rip material with a "Top Shot" action for an even spread pattern.

MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1286 / 1500 WITH EXTENSION	2009	2596	3377	4200
TANK LENGTH	14'	16'	16'	16'	20'
OVERALL LENGTH	20' 10"	22' 8"	22' 8"	23' 7"	27' 7"
TANK WIDTH - TOP	70"	76"	87"	97"	97"
AUGER DIAMETER	24"	24"	24"	30"	30"
POLY LINED TANK	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE	LEFT SIDE
PTO OVERRUNNING CLUTCH	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
DRIVELINE PROTECTION	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	TORQUE LIMITING CLUTCH & SHEARBOLTS	OVERRUNNING TORQUE LIMITING CLUTCH	OVERRUNNING TORQUE LIMITING CLUTCH
PTO CHOICES	540 RPM STD. 1000 RPM OPT.	540 RPM STD. 1000 RPM OPT.	1000 RPM STD. 540 RPM OPT.	13 $\frac{3}{8}$ " OR 13 $\frac{1}{4}$ " 1000 RPM	13 $\frac{3}{8}$ " OR 13 $\frac{1}{4}$ " 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASHGUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASHGUARDS	OPTIONAL	YES	YES	YES	YES
AUTOMATIC OILER	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
HIGHWAY LIGHTING	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD
WEIGHT	5,740#	6,860#	7,880#	10,940#	16,500#

### 5234 Tire Specifications

TIRES	SIDE LOADING HEIGHT	HEIGHT @ REAR SPLASH	HEIGHT @ FRONT SPLASH	OVERALL WIDTH
w/ 425 x 22.5	93"	101"	101"	112"
w/480/55R x 22.5	95"	103"	103"	114"
w/ 49 x 17 x 20	93"	101"	101"	117"
w/ 700/50 x 22.5	94"	102"	102"	126"

# ARGE MANURE SPREADERS

## MODEL 5242

4200 GALLONS



An automatic oiler system oils the drive system chains anytime the discharge door is raised. An optional feature on the 5215.



### 5242 Tire Specifications

TIRES	28L x 26 16 ply Bias or Radial
SIDE LOADING HEIGHT	93"
HEIGHT @ REAR SPLASH	101"
HEIGHT @ FRONT SPLASH	101"
OVERALL WIDTH	12'



- The **5234 and 5242** drive system features a heavy duty gearbox reduction with an overrunning torque limiting clutch for protection and smooth power transfer.

### 5234 and 5242 Options



- The hydraulic lid can be installed to open and latch from either side. A 3rd tractor remote is required to operate the opening and closing of the lid. This remote is also used in conjunction with an electrical toggle switch to activate the switching of the hydraulic valve that operates the hydraulic cylinder to lock and unlock the lid.

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Warranty: See operators manual for warranty details and limitations. H&S reserves the right to change its products or the description at any time without notice or obligation.



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Models and specifications are subject to change without prior notice. 10/18 3M

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