

**FAST | EFFICIENT | RELIABLE**

**MANURE SPREADERS**

**H&S**





1200 SERIES GROUND DRIVE

6 X 12 DEEP LUG TRACTION TIRES



MODEL 1225

7.60 X 15 DEEP LUG TRACTION TIRES



MODEL 1250

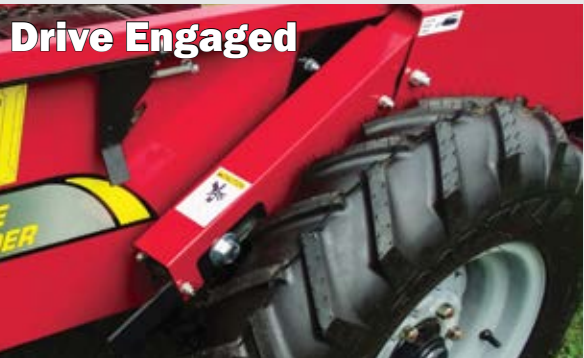
7.60 X 15 DEEP LUG TRACTION TIRES



MODEL 1280

MODEL	1225 GROUND DRIVE	1250 GROUND DRIVE	1280 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	28 ½" (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)	17 ½" (44 CM)	17 ½" (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)	32 ½" (82 CM)	33" (84 CM)
OVERALL HEIGHT W/HYDRAULIC 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	1 ¼" (3 CM)	1 ¾" (4 CM)	2" (5 CM)
DIAMETER OF BEATER	20" (51 CM)	17 ½" (44 CM)	18 ½" (47 CM)
NUMBER OF PADDLES	8	8	10
MAIN APRON CHAIN	55	62	67H
BOX CONSTRUCTION	POWDER COATED STEEL	POWDER COATED STEEL	POWDER COATED 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

Drive Engaged



Drive Disengaged



To engage the beater and main apron on the **1250** and **1280**, lower the control lever.



The 20" diameter, 8-paddle beater on the **1225** provides an even spread of material.



The **1250** features an 8-paddle beater, and the **1280** utilizes a 10-paddle, heavy-duty beater assembly.



MAIN APRON

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

The 1200 series models feature durable **powder coated paint**. All spreaders utilize a **bonded poly floor** to reduce main apron drag and the power needed to move the load.

OPTIONS



REAR PAN

Optional rear pan is available on all 1200 series Ground Drive models.

1. Apron engage/disengage lever
2. Beater engage/disengage lever
3. Main apron tightener bolts are located outside on the lower right & left corners of the main frame for adjustment.





MODEL 2280



MODEL 2213



MODEL 2217

MODEL	2280 PTO DRIVE	2213 PTO DRIVE	2217 PTO DRIVE
CAPACITY – HEAPED (OLD RATING) BU.	80 BU.	130 BU.	175 BU.
CAPACITY – CU. FT. STRUCK LEVEL	53	82	105
TOP OF FLARE WIDTH	48" (122 CM)	63 ½" (161 CM)	63 ½" (161 CM)
INSIDE WIDTH	48" (122 CM)	54" (137 CM)	54" (137 CM)
INSIDE LENGTH	7' 4" (223 CM)	7' 4" (223 CM)	11' 1" (338 CM)
INSIDE DEPTH	19 ¾" (50 CM)	25 ¾" (65 CM)	25 ¾" (65 CM)
OVERALL LENGTH	13' 10" (422 CM)	14' 7" (444 CM)	17' 8" (538 CM)
OVERALL LOADING HEIGHT – TOP OF SIDE	35" (89 CM)	47 ½" (121 CM)	45 ½" (116 CM)
OVERALL HEIGHT W/HYD. ENDGATE	N/A	51" (130 CM)	49" (125 CM)
OVERALL WIDTH W/STANDARD TIRES	76" (193 CM)	86" (218 CM)	83 ½" (212 CM)
STANDARD TIRE SIZE	6.70 X 15	IF240 80R15IMP	10R X 22.5
SPINDLE SIZE	2" (5 CM)	2" (5 CM)	2" (5 CM)
DIAMETER OF BEATER	18 ½" (47 CM)	27" (68 CM)	27" (68 CM)
NUMBER OF PADDLES	10	8	8
MAIN APRON CHAIN	67H	T-ROD	T-ROD
BOX CONSTRUCTION	POWDER COATED STEEL	POWDER COATED STEEL	POWDER COATED 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	OPTIONAL	OPTIONAL
SWING-AWAY JACK	STANDARD	STANDARD	STANDARD
WEIGHT W/TIRES	1,140 LBS. (517 KG)	1,600 LBS. (726 KG)	2,030 LBS. (921 KG)
OPTIONS	FINE SPREAD PAN	FINE SPREAD PAN OR HYD. ENDGATE	FINE SPREAD PAN OR HYD. ENDGATE

FEATURES

- The 2200 series models feature durable **powder coated paint**. The heavy-duty steel A-frame and hitch assembly is built to withstand the stress of heavy loads and rough roads.
- The Model 2217 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.

LARGE DIAMETER BEATER

The large diameter beater on Models 2213 and 2217 provides an even spread pattern. **Hydraulic endgate is optional on both models.**



PTO MODEL SPEEDS

A heavy-duty enclosed two-spread gearbox plus a beater shut-off allows you to choose your unload rate on the 1200 series models.



MAIN APRON TIGHTENER BOLTS

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



2-SPEED APRON CONTROL

The front control panel for the 2-speed apron drive system allows you to see what operation you are in.

**OPTIONS**

**OPTIONAL REAR TRIP PAN**  
The heavy-duty beater assembly ensures aggressive shredding action with wide, even spread patterns.



235 BUSHEL, STRUCK LEVEL 143 CU. FT.



MODEL 3123

270 BUSHEL, STRUCK LEVEL 167 CU. FT.



MODEL 3127



STEEL ALLOY APRON IDLER SLIDES

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

FEATURES

- 1. Front splash guard comes standard on all heavy-duty models.
- 2. Main apron shear bolt
- 3. Standard rear hydraulic endgate
- 4. The drive for the 3123 and 3127 spreaders utilize the patented enclosed H&S 2-speed gearbox. Shifting is all done in the enclosed two speed/beater shutoff gearbox.
- 5. Hydraulic cylinder mount tube extends all the way through the frame to the other side.
- 6. Heavy floor supports and side stakes wrap around steel front corners.
- 7. Strong rear main beater side panels are slanted for clearance and wider spread and then welded to the strong 5" U channel side members.



H&S SPREADERS HAVE A MASSIVE UNITIZED WELDED FRAME.



29" DIAMETER BEATER

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

OPTIONS



TOP BEATER

Models 3123, 3231, and 3237 can be equipped with the optional top beater to provide load leveling and spreading of high heaped loads.

The top beater is standard equipment on the 3243 & W3243.

UNLOADING SPEED	3123/3127
(2 SPEED GEARBOX)	PTO SPEED
HIGH SPEED	540 RPMs - 8' 9" PER MINUTE
LOW SPEED	540 RPMs - 4' 9" PER MINUTE

MODEL	3123	3127	3231	3237	3243 & W3243
TOP OF FLARE WIDTH	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)	68" (173 CM)
INSIDE WIDTH	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 CM)	60" (152 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)
INSIDE DEPTH	28 3/8" (72 CM)	28 3/8" (72 CM)	28 3/8" (72 CM)	34 3/8" (87 CM)	40 3/8" (102 CM)
OVERALL WIDTH W/STANDARD TIRES	94 1/2" (240 CM)	94 1/2" (240 CM)	98" (249 CM)	98" (249 CM)	112" (285 CM)
OVERALL LENGTH	18' 6" (5.7 M)	20' 5 1/2" (6.3 M)	21' 11 1/2" (6.7 M)	23' 2 1/2" (7.1 M)	23' 2 1/2" (7.1 M)
OVERALL LOADING HEIGHT-TOP OF FLARE	51 1/2" (131 CM)	51 1/2" (131 CM)	51 1/2" (131 CM)	57 1/2" (1.5 M)	63" (160 CM)
OVERALL HEIGHT W/HYD. ENDGATE	55" (140 CM)	55" (140 CM)	55" (140 CM)	61" (1.5 M)	63 1/2" (161 CM)
DIAMETER OF BEATER	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
UPPER BEATER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD
SPINDLE SIZE	2" (5 CM)	2 1/2" (6 CM)	2 1/4" (6 CM)	2 1/2" (6 CM)	2 1/2" (6 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
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
WEIGHT W/TIRES	2,890 LBS. (1,311 KG)	3,230 LBS. (1,495 KG)	4,190 LBS. (1,901 KG)	4,920 LBS. (2,232 KG)	3143 5,220 LBS. (2,232 KG) W3143 5,500 LBS. (2,495 KG)
CAPACITY - OLD RATING	235 BU.	270 BU.	310 BU.	370 BU.	430 BU.
CAPACITY CU. FT. STRUCK LEVEL	143	167	185	235	275
REAR HYDRAULIC ENDGATE	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
SEMI-LIQUID REAR PAN	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
PTO SPEED	540	540	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL	540 STANDARD 1000 OPTIONAL
JACK DRIVE	STANDARD 2 SPEED	STANDARD 2 SPEED	STANDARD 2 SPEED	STANDARD 2 SPEED	STANDARD 2 SPEED
VARIABLE SPEED HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
ELECTRIC CONTROLS FOR HYDRAULIC DRIVE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
FRONT SPLASH PANEL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
HYDRAULIC CYLINDER ON HYDRAULIC ENDGATE	1- STANDARD 2 - OPTIONAL	1- STANDARD 2 - OPTIONAL	1- STANDARD 2 - OPTIONAL	2	2



310 BUSHEL, STRUCK LEVEL 185 CU. FT.

Shown with optional upper beater



MODEL 3231

## HYDRAULIC ENDGATE

A semi-liquid hydraulic endgate is standard equipment on all models. A second hydraulic endgate cylinder is standard on the 3237, 3243, and W3243.

An **optional second hydraulic endgate cylinder** is available for the 3123, 3127 and 3231. 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.

370 BUSHEL, STRUCK LEVEL 235 CU. FT.



MODEL 3237



## GEARBOX AND 2-SPEED DRIVE

Gearbox mechanisms and 2-speed drive for the beater and apron of 3200 series models are tapered roller bearing equipped. The beater drive gearbox is 1-1½ 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.



## 2-SPEED APRON DRIVE CONTROL

UNLOADING SPEED	3231-W3243
(2 SPEED CHAIN DRIVE)	PTO SPEED
HIGH SPEED	540 RPMS - 8' 8 ½" PER MINUTE
LOW SPEED	540 RPMS - 4' 8 ½" PER MINUTE

## EASY CLEAN-UP & MINIMAL FREEZE-UP

Sides, front panel and both sides of the rear hydraulic endgate on the 3100 & 3200 series use fiberglass reinforced plywood to provide for easy cleaning and minimal freeze-up.

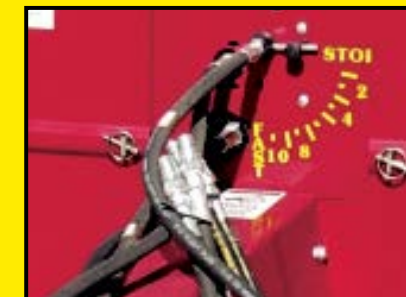


The 3123 and 3127 models feature a poly coated plywood floor, while the H&S 3231, 3237, 3243, and W3243 models have a solid virgin grade poly floor. Considerably less torque is needed to move a heavy load with both styles of floors.

## OPTIONS



The rear pan is optional on all models.



Optional variable speed hydraulic drive available on 3231-3243W.

430 BUSHEL, STRUCK LEVEL 275 CU. FT.



MODEL 3243

## W3243 FEATURES

The W3243 (western) has all the same features as the 3243 with additional features such as:

- Double main frame channels
- Additional floor supports
- 1045 hardened drive shaft
- #80 drive chain
- Heavy-duty main gearbox

430 BUSHEL, STRUCK LEVEL 275 CU. FT.



MODEL W3243 8





FEATURES

1. Choice of bullnose or clevis hitch

2. Poly bump rails

3. Constant velocity PTO

4. LED highway lighting

5. Upper beater is standard on horizontal beater models.

6. Easy open shields makes lubing of bearings easy.
7. 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.

8. Heavy-duty rectangular tubing is used for the pole to ensure strength and long life.

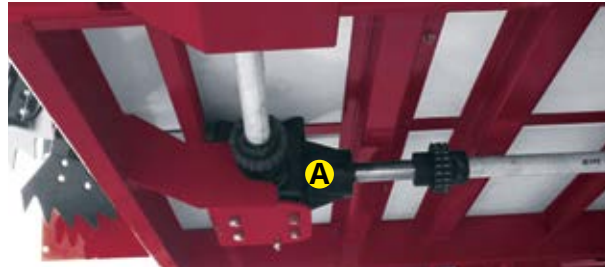
9. The hydraulic endgate has 2 cylinders with 3/8" hose and pipe for faster operation in cold weather.

BEATER BLADES ARE REPLACEABLE



BEATER REMOVAL

The beater assembly can easily be removed from the manure spreader by disconnecting the drive chain, removing the attaching bolts and lifting the beater assembly out of the guide pin holes if it is not needed.



CENTER DRIVE SYSTEM

A straight shaft off the PTO connects to an angle gearbox (A) in the rear and over to the beater drive sprocket (B), and then to the beater assembly.  
All **HYDRA-PUSH** manure spreaders feature structural channel floor supports spaced 9 1/2" apart for maximum floor support.



Shown with shield removed.



LESS FRICTION

All **HYDRA-PUSH** horizontal beater models use solid virgin grade poly with UV inhibitor for the floor and sides, reducing friction with no freeze-up.

OPTIONS

- Rear pan
- Electric adjust hydraulic variable speed pusher control
- Heavy tandem axle with 600/50 x 22.5 flotation tires & rims (4255 model only)
- Manual adjust hydraulic variable speed pusher control (see picture)



MODEL	HPH4242	HPH4255
CAPACITY – OLD RATING	425 BUSHEL	550 BUSHEL
CAPACITY CU. FT., STRUCK LEVEL	270	430
SIDE LOADING HEIGHT	61 1/4"	81"
2ND BEATER HEIGHT	74 3/4"	86 3/4"
HEIGHT-TOP OF HYDRAULIC ENDGATE (W/O HOOK)	65"	85 1/2"
INSIDE WIDTH	72"	72"
INSIDE LENGTH	16'	16'
INSIDE DEPTH	34"	53"
OVERALL WIDTH W/TIRES	10' 2"	10' 2"
OVERALL LENGTH	26' 5"	26' 5"
STANDARD NUMBER OF BEATERS	2	2
HORIZONTAL BEATER DIAMETER/LOWER	29"	29"
HORIZONTAL BEATER DIAMETER/UPPER	20"	29"
REPLACEABLE BEATER PADDLES	YES	YES
REMOVABLE BEATER ASSEMBLY	YES	YES
HYDRAULIC PUSH CYLINDER DIAMETER	3 1/2"	4 1/2"
HYDRAULIC PUSH CYLINDER HOSE DIAMETER	3/8"	1/2"
HUB	8 BOLT	10 BOLT
SPINDLE SIZE	3"	3"
TIRE SIZE - STANDARD	425 X 22.5	425 X 22.5
TIRE SIZE - OPTIONAL	19L X 16.1 10 PLY	600/50 X 22.5
HYDRAULIC ENDGATE	STANDARD	STANDARD
CYLINDERS ON HYDRAULIC ENDGATE	2 W-3/8" HOSE	2 W-3/8" HOSE
REAR PAN	OPTIONAL	OPTIONAL
JACK	STANDARD	STANDARD
POLY SIDE RAILS	STANDARD	STANDARD
WEIGHT W/TIRES	7,000#	9,680#
PTO CHOICES:		
1 3/8" 1000 RPM PTO W/OVERRUNNING CLUTCH	YES	YES
1 3/4" 1000 RPM PTO W/OVERRUNNING CLUTCH	YES	YES





MODEL 4255

**MONOBLOCK GEARBOX**  
The vertical beater bottom drive **MONOBLOCK GEARBOX** features a PTO assembly with an overrunning clutch that provides protection to the driveline.

**PATENTED VERTICAL BEATER REVERSE FLIGHTING**  
The top 21” of flighting on the vertical beaters is reversed to provide an even spread pattern. Unlike conventional vertical beater manure spreaders that will have a lighter area of material in the center, the **PATENTED** reverse flighting spreads material into the center of the spread pattern thus creating a even, uniform spread pattern.



FEATURES

- 1. Choice of bullnose or clevis hitch
- 2. Poly bump rails
- 3. Constant velocity PTO
- 4. LED highway lighting
- 5. 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.
- 6. Heavy-duty rectangular tubing is used for the pole to ensure strength and long life.
- 7. The hydraulic endgate has 2 cylinders with 3/8” hose and pipe for faster operation in cold weather.

BEATER REMOVAL

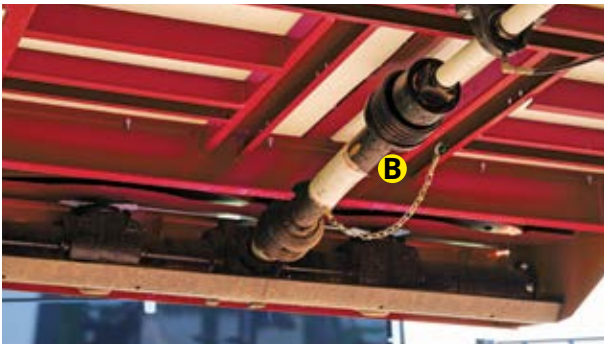
The beater assembly can easily be removed from the manure spreader by disconnecting it from the beater assembly and removing the PTO from under the rear of the manure spreader.

Remove the beater to frame attaching bolts, hook a chain to the eyes on the top of the beater assembly and lift the beater assembly out of the guide pin holes.



LESS FRICTION

All **HYDRA-PUSH** vertical beater models use solid virgin grade poly with UV inhibitor for the floor and sides, reducing friction with no freeze-up.



CENTER DRIVE SYSTEM

A torque limiting PTO connects the center drive shaft to the vertical beater assembly (B). All **HYDRA-PUSH** manure spreaders feature structural channel floor supports spaced 9 1/2” apart for maximum floor support.



OPTIONS

- Fit-around screen extension for vertical beater models (A)
- Manual adjust hydraulic variable speed pusher control (see picture)
- Electric adjust hydraulic variable speed pusher control

MODEL	HPV4242	HPV4255
CAPACITY – OLD RATING	425 BUSHEL	550 BUSHEL
CAPACITY CU. FT., STRUCK LEVEL	270	430
SIDE LOADING HEIGHT	61 1/4”	81”
VERTICAL BEATER HEIGHT	104 1/2”	121 1/2”
HEIGHT-TOP OF HYDRAULIC ENDGATE (W/O HOOK)	65”	85 1/2”
HEIGHT-TOP OF SCREEN	98”	117”
INSIDE WIDTH	72”	72”
INSIDE LENGTH	16’	16’
INSIDE DEPTH	34”	53”
OVERALL WIDTH W/TIRES	10’ 2”	10’ 2”
OVERALL LENGTH	27’ 5”	27’ 5”
STANDARD NUMBER OF BEATERS	2	2
VERTICAL BEATER DIAMETER	34”	34”
REPLACEABLE BEATER PADDLES	YES	YES
REMOVABLE BEATER ASSEMBLY	YES	YES
HYDRAULIC PUSH CYLINDER DIAMETER	3 1/2”	4 1/2”
HYDRAULIC PUSH CYLINDER HOSE DIAMETER	3/8”	1/2”
HUB	8 BOLT	10 BOLT
SPINDLE SIZE	3”	3”
TIRE SIZE - STANDARD	425 X 22.5	425 X 22.5
TIRE SIZE - OPTIONAL	19L X 16.1 10 PLY	600/50 X 22.5
HYDRAULIC ENDGATE	STANDARD	STANDARD
CYLINDERS ON HYDRAULIC ENDGATE	2 W-3/8” HOSE	2 W-3/8” HOSE
JACK	STANDARD	STANDARD
POLY SIDE RAILS	STANDARD	STANDARD
WEIGHT W/TIRES	7,900#	11,000#
PTO CHOICES:		
1 3/8” 1000 RPM PTO W/OVERRUNNING CLUTCH	YES	N/A
1 3/4” 1000 RPM PTO W/OVERRUNNING CLUTCH	YES	YES





POLY-LINED FINE SPREAD PAN

The 5215 features a 3-section 30" expeller with a quick release poly-lined fine spread pan.

OPTIONS

- All models except the 5215 are available with the optional Digi-Star™ GT400 or Nutrient Tracker Scale System with GPS.
- A tandem axle is available with your choice of 295R x 225 recap tires or 16.5 x 16.1 flotation tires.
- Rear splash guard and side rails are available for 1,500 gallon capacity.
- An automatic oiler system oils the drive system chains anytime the discharge door is raised.



AUGER CYLINDER SYSTEM

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.

TRUCK MOUNTS  
AVAILABLE FOR  
ALL MODELS!



MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1,286 / 1,500 WITH EXTENSION	2,009	2,596	3,377	4,200
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 & SHEAR BOLTS	TORQUE LIMITING CLUTCH & SHEAR BOLTS	TORQUE LIMITING CLUTCH & SHEAR BOLTS	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 3/8" OR 1 3/4" 1000 RPM	1 3/8" OR 1 3/4" 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASH GUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASH GUARDS	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#



SPROCKET REDUCTION SYSTEM

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



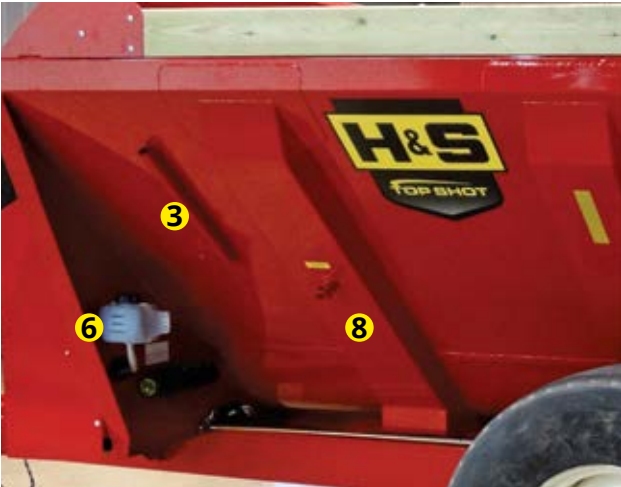
SET DISCHARGE DISTANCE

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"

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"





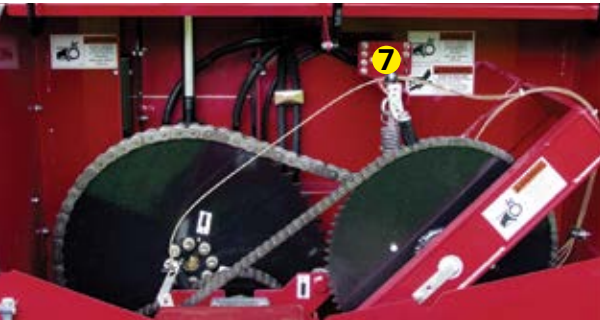
5226 TIRE SPECIFICATIONS

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"

AUGER SYSTEM

The auger system hydraulically raises and lowers 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.



OPTIONS

- An extra heavy tandem axle is available for heavier weights of material.
- Hydraulic deflector (A) for 5220 & 5226



TRUCK MOUNTS AVAILABLE FOR ALL MODELS!

MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1,286 / 1,500 WITH EXTENSION	2,009	2,596	3,377	4,200
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 3/8" OR 1 3/4" 1000 RPM	1 3/8" OR 1 3/4" 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASH GUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASH GUARDS	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#

FEATURES

5220, 5226, 5234, 5242

1. 40" wide **Top Shot** expeller beater
2. Adjustable flip-over hitch
3. Scraper holder
4. Left side poly lined tank
5. Highway lighting system
6. Automatic chain oiler system
7. Remote grease system
8. Jack storage on left side of manure spreader

HEAVY-DUTY EXPELLER SYSTEM



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.





3,400 GALLONS



MODEL 5234

MODEL	5215	5220	5226	5234	5242
CUBIC FT. STRUCK LEVEL	172	268.6	347	451	564
GALLON CAPACITY	1,286 / 1,500 WITH EXTENSION	2,009	2,596	3,377	4,200
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 3/8" OR 1 3/4" 1000 RPM	1 3/8" OR 1 3/4" 1000 RPM
EXPELLER WIDTH	30"	40"	40"	40"	40"
FRONT SPLASH GUARDS	STANDARD	YES	YES	YES	YES
REAR SPLASH GUARDS	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#



HYDRAULIC FEATURES

The hydraulic adjust top expeller shield sets the distance of the spread pattern, while the hydraulic door cylinder allows adjustment for rate of application.

REVERSIBLE SQUARE TOOTH PADDLES

Reversible bolt-on square tooth paddles shred and rip material with a **Top Shot** action for an even spread pattern.

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"



HEAVY-DUTY GEARBOX REDUCTION

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

5242 TIRE SPECIFICATIONS

TIRES	28L X 2616 PLY BIAS OR RADIAL
SIDE LOADING HEIGHT	93"
HEIGHT @ REAR SPLASH	101"
HEIGHT @ FRONT SPLASH	101"
OVERALL WIDTH	12'



AUTOMATIC OILER SYSTEM

An automatic oiler system oils the drive system chains anytime the discharge door is raised.



4,200 GALLONS

MODEL 5242

TRUCK MOUNTS AVAILABLE FOR ALL MODELS!

OPTIONS



HYDRAULIC LID AND REMOTE

A 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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