



NEW H&S PS6180 *POWER SPREAD*

H&S Manufacturing Company, Inc. is pleased to introduce a *NEW* ADDITION TO THE H&S MANURE SPREADER LINE...the 800 Bushel Live-Bottom / Vertical Beater *POWER SPREAD* Manure Spreader!



❖ PRODUCT GUIDE OVERVIEW – H&S vs. Competition

- Built 4,000# heavier
- Vertical beaters (H&S - $\frac{3}{4}$ " vs. $\frac{1}{2}$ " material)
- Monoblock gearbox (H&S - 3-1/8" output shafts versus 2 1/2")
- Heavier outputs on the apron drive gearboxes
- $\frac{3}{4}$ " marine log-chain apron chain versus 5/8"
- Heavier apron chain slats

FEATURES

- ❖ **Constant velocity PTO**
- ❖ **Heavy tongue & hitch**
- ❖ **Heavy hydraulic hose couplers**



- ❖ **Single bolt easy adjust main apron chain**
- ❖ **Rubber tongue suspension is standard equipment – not an option**
- ❖ **Heavy built frame**



- ❖ **3/4" Grade 80 Main Apron Log Chain**
- ❖ **2" x 4" x 1/4" Tubular Apron Slats**



- ❖ Heavy 3/4" material is used for the flighting
- ❖ Vertical beaters feature "REVERSE FLIGHTING" on the top 20+" of the beater flighting. This patented feature allows for an even spread pattern of material.
- ❖ A center drive shaft with a torque limiting clutch provides power and protection to the bottom driven monoblock gearbox
- ❖ Beater blades are replaceable and the beater assembly is removable for stockpiling manure.



- ❖ Dual Hydraulic Cylinder Guillotine/Metering Style End Gate
- ❖ LED Highway Lighting
- ❖ Heavy Duty Dual Drive Apron Gearboxes
- ❖ Poly Side Load Bump Rails



- ❖ Optional Hydraulic Actuator Light Covers

PS6180 SPECIFICATIONS

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| Capacity - Heaped Bushel per S324.2 | 638 |
| Capacity - Heaped Bushel per S324.1 | 764 |
| Capacity - Cubic Ft Struck Level | 578 Cu. Ft. |
| Side Loading Height | 94.75" |
| Height - Top of Beater | 132" |
| Height - Top of End Gate | 127" |
| Height - Top of Stone Guard | 132" |
| Inside Width | 78.75" |
| Inside Width - Top of Flare | 96" |
| Inside Length - Front Panel to Endgate | 235.50" |
| Inside Depth | 52.50" |
| Overall Width w/ Tires | 169" |
| Overall Length | 393" |
| Number of Beaters | 2 |
| Vertical Beater Diameter | 39" |
| Replaceable Beater Paddles | Yes |
| Spread Pattern – Approximate | 25' – 30' dependent on the weight of material |
| Unload Time – Approximate | 2½ minutes dependent on the tractor hydraulic flow & pressure |
| Removable Beater Assembly | Yes |
| Apron Chain Size | 3/4" Grade 80 |
| Hitch Weight - Empty | 570 lbs. |
| Hubs | 25,000 Lb. Rating |
| Spindle | 4.5" |
| Tire Size | 700/50-26.5 |
| Hydraulic Requirements | 3000 P.S.I. and 30 G.P.M. |
| End Gate | Hydraulic Guillotine/Metering Style |
| Cylinders on End Gate | 2 |
| Jack | Choice of Crank or Hydraulic |
| Poly Bump Rails | Standard |
| 1000 RPM CV PTO | 1¾" |
| Hitch | Choice of Swivel Clevis or Bullnose |
| Weight w/Tires | Approximately 21,000 lbs. |
| H.P. Requirements | 200 - 250 H.P. weighted properly according to the H&S Operator's Manual |

OPTIONS:

Electric Adjust Hydraulic Variable Speed Control

Reverser Valve

Hydraulic Light Covers

4-Wheel Disc Brakes

Scale Kit

Safety Chain - 60,000 Lb.