

# PIK RITE SPREADERS

INDUSTRY LEADERS IN INNOVATION AND DEPENDABILITY



PIK RITE SPREADERS  
BUILT TO WORK THE WAY YOU WORK



## PRODUCT GUIDE



## 2-STAGE SLIDING FLOOR

The legacy of the 2-stage hydraulic push began with the John Deere Hydra-Push spreaders. Pik Rite continues the tradition with the Hydra-Ram series. Equipped with a double hydraulic cylinder these spreaders also have a sliding floor. Each Hydra-Ram spreader is built to withstand the demands of farm life. All side and floor panels are constructed with a laminated poly covered finish for maximum strength and durability.

## MORE VERSATILITY

The Hydra-Ram line covers a wide range of sizes and models to fit all capacity, terrain and application needs, from the small family farm to the largest livestock operations.

## SERIES

	Vertical Beater Models	Horizontal Beater Models	Spinner Model
250 Bu.	HR 250	490/ 490 V	–
400 Bu.	HR 400	790	795
550 Bu.	HR 550	–	–
880 Bu.	HR 880	–	–

# Hydra-Ram Spreaders

Spread faster with less compaction and less maintenance!



## Two-stage innovative design combines hydraulic push cylinders with a moving platform.



Contoured pusher fits neatly into the beaters providing a much better clean-out.



The hydraulic cylinder is designed to sit well behind the tongue hitch allowing the 3-point tractor hitch more clearance.

### LESS COMPACTION

This line of tough machines uses both a sliding floor and a moving front panel to deliver the material to the beaters. The sliding floor is pushed back first, using an engineered hydraulic cylinder. When fully extended, the front panel moves back to unload the box completely.

### LESS MAINTENANCE

The Hydra-Ram is engineered to get the job done with fewer moving parts. This design efficiency extends the life of the spreader while requiring less maintenance and down-time than other manufacturer's equipment. Auger systems tend to compact the material into clumps, causing uneven distribution and increased wear on the beater system.

### LESS TIME - SPREAD FASTER

The Hydra-Ram 2-stage push system delivers the material to the beaters at an even and controlled speed. Manual and/or electric over hydraulic flow controls allow you to unload the material faster than auger or side sling machines.



# Model 490



## Specifications

Capacity	250 Bushels
Struck Level ASAE S324.1	147 cu. ft.
Heaped ASAE S324.1	206 cu. ft.
Heaped w/ upper beater	249 cu. ft.
Load carrying capacity	6.5 tons
Loading height	3ft. 9 in.
Inside width of box	5 ft. 1-3/4 in.
Depth of box	2 ft 4 in.
Overall width w/truck tires (tire size)	8 ft 1-1/2 in. (10.00-20)
Overall width w/flotation tires (tire size)	8 ft 9 in. (16.5L-16.1)
Top of moving panel	4 ft 5 in.
Top of beaters	5 ft. 1/2 in.
Max overall length	18 ft. 10 in.
Face of moving panel to beater centerline	12 ft. 6 in.
Number of beaters	1 or 2
Beater speed	394 RPM
Upper beater speed	284 RPM
Fan diameter (Upper beater)	2 ft. 3 in. (13.25 in.)
Number of paddles on beaters	12
Tractor PTO HP (min. recommended)	60 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	540
PTO shaft diameter	1-3/8 in.
Number of end gate cylinders	One
Tare weight	3,360 lbs.

## Horizontal Beatars (250 Bushel Capacity)



The 490 is a small but heavy duty spreader perfect for smaller dairy and beef farms. The 2-stage hydraulic push with the sliding floor is designed to minimize compaction. Upper beater, side extensions and slurry pan are all optional.



## Horizontal Beaters (400 Bushel Capacity)



This model 790 spreader has all the same great features as the smaller 490 but with slightly contoured push panel for better cleanout. Optional upper beater, side extensions and slurry pan are available. Our most popular model to date, this spreader has a long track record of dependability and value.

## Specifications

Capacity	400 Bushels
Struck Level ASAE S324.1	249 cu. ft.
Heaped ASAE S324.1	340 cu. ft.
Heaped w/ upper beater	418 cu. ft.
Load carrying capacity	11.5 tons
Loading height	3 ft. 9-1/3 in
Inside width of box	5 ft. 11 in.
Depth of box	2 ft. 8 in.
Overall width w/truck tires (tire size)	9 ft. 8-1/2 in. (10.00-20)
Overall width w/flotation tires (tire size)	10 ft. 1-1/2 in. (16.5L-16.1)
Top of moving panel	5 ft 1-7/10 in.
Top of beaters	5 ft 10 in.
Max overall length	24 ft. 11 in.
Face of moving panel to beater centerline	16 ft. 1 in.
Number of beaters	1 or 2
Beater speed	337 RPM
Upper beater speed	294 RPM
Fan diameter (Upper beater)	2 ft. 8 in. (16 in.)
Number of paddles on beaters	16
Tractor PTO HP (min. recommended)	100 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	1000 or 540
PTO shaft diameter	1-3/8 in.
Number of end gate cylinders	Two
Tare weight	6,640 lbs.



# Model 490 V

## Specifications

Capacity	250 Bushels
Struck Level ASAE S324.1	147 cu. ft.
Heaped ASAE S324.1	249 cu. ft.
Heaped w/ upper beater	249 cu. ft.
Load carrying capacity	6.5 tons
Loading height	5 ft. 6 in.
Inside width of box	5 ft. 1-3/4 in.
Depth of box	2 ft. 4 in.
Overall width w/truck tires (tire size)	8 ft. 1-1/2 in. (10.00-20)
Overall width w/flotation tires (tire size)	8 ft. 9 in. (16.5L-16.1)
Top of moving panel	5 ft. 5 in.
Top of upper beater	5 ft. 1/2 in.
Max overall length	18 ft. 10 in.
Face of moving panel to beater centerline	12 ft. 6 in.
Number of beaters	1/ (2)
Beater speed	394 RPM
Upper beater speed	284 RPM
Fan diameter (Upper beater)	27 in. (13.25 in.)
Number of paddles on beaters	12
Tractor PTO HP (min. recommended)	60 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	540
PTO shaft diameter	1-3/8 in.
Number of end gate cylinders	1

## Shielded Horizontal Beatere (250 Bushel Capacity)



This dependable narrow application manure spreader can tackle areas as narrow as 80 inches wide! The 490 V is perfect for in row application in vineyards or other narrow clearance environments.



# Model 795

## Shielded Horizontal Beaters w/ Spinners (400 Bushel Capacity)



This dual action spreader combines a shielded horizontal beater with lower spinners making it perfect for light, dry poultry litter in a Hydra-Ram spreader.

## Specifications

Capacity	400 Bushels
Struck Level ASAE S324.1	249 cu. ft.
Heaped ASAE S324.1	340 cu. ft.
Heaped w/ upper beater	418 cu. ft.
Load carrying capacity	11.5 tons
Loading height	4 ft. 8 in.
Inside width of box	5 ft. 11 in.
Depth of box	2 ft. 4 in.
Overall width w/truck tires (tire size)	N/A
Overall width w/flotation tires (tire size)	11 ft. 550/60-22.5
Top of moving panel	5 ft. 10 in.
Top of upper beater	7 ft.
Overall length	24 ft. 11 in.
Face of moving panel to beater centerline	16 ft. 1 in.
Number of beaters	2
Beater speed	394 RPM
Upper beater speed	284 RPM
Fan diameter	24 in.
Number of paddles on beaters	12
Tractor PTO HP (min. recommended)	100 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	1000
PTO shaft diameter	1-3/8 in.
Number of end gate cylinders	Two
Tare weight	8,100 lbs.



## Specifications

Capacity	250 Bushels
Struck Level ASAE S324.1	147 cu. ft.
Heaped ASAE S324.1	249 cu. ft.
Load carrying capacity	6.5 tons
Loading height	4 ft. 6-1/2 in.
Inside width of box	60 ft. 1-3/4 in.
Depth of box	2 ft. 4-1/2 in.
Overall width w/truck tires (tire size)	8 ft. 8-1/2 in. (11 R22.5)
Overall width w/flotation tires (tire size)	9 ft. 1-1/2 in. (16.5L-16.1)
Top of moving panel	5 ft. 6-1/2 in.
Top of beaters	6 ft. 4 in.
Overall length	23 ft.
Face of moving panel to beater centerline	13 ft. 10 in.
Number of beaters	Two
Beater speed	350 RPM
Fan diameter	2 ft. 5-7/10 in.
Number of paddles on beaters	36
Tractor PTO HP (min. recommended)	60 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	540
PTO shaft diameter	1-3/8 in.
Number of end gate cylinders	One
Tare Weight	5,540 lbs.

Quick detach vertical beaters provide a 30-foot even spread.



LOW PROFILE, QUICK DETACH BEATERS AVAILABLE!



All Pik Rite HR series spreaders provide a fine, wide and uniform spread pattern. This spreader can be upgraded with a side extension kit to make it a 325 bushel unit. All HR series spreaders also come with quick detach beaters and an aggressively contoured push panel for better cleanout.



Our most popular size; with exceptional cleanout.



The Pik Rite HR series quick detachable beater system is innovative and effective! Built to spread the toughest, pen packed dairy manure, dry feed lot, and composite material with ease. This vertical beater unit comes standard with two beaters and a double constant velocity 1000 RPM PTO drive.

## Specifications

Capacity	400 Bushels
Struck Level ASAE S324.1	249 cu. ft.
Heaped ASAE S324.1	418 cu. ft.
Load carrying capacity	11.5 tons
Loading height	6 ft. 4 in.
Inside width of box	5 ft. 11 in.
Depth of box	2 ft. 8 in.
Overall width w/truck tires (tire size)	9 ft. 8-1/2 in. (11 R22.5)
Overall width w/flotation tires (tire size)	10 ft. 1-1/2 in. (16.5L-16.1)
Top of moving panel	7 ft. 4 in.
Top of beaters	7 ft. 5 in.
Overall length	28 ft. 6 in.
Face of moving panel to beater centerline	16 ft. 4 in.
Number of beaters	Two
Beater speed	420 rpm
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	42
Tractor PTO HP (min. recommended)	100 hp
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	1000
PTO shaft diameter	1-3/8 in. - 1-3/4 in.
Number of end gate cylinders	Two
Tare Weight	9,675 lbs.



## Specifications

Capacity	550 Bushels
Struck Level ASAE S324.1	435 cu. ft.
Heaped ASAE S324.1	604 cu. ft.
Load carrying capacity	16.6 tons
Loading height	7 ft. 3 in.
Inside width of box	6 ft. 11 in.
Depth of box	4 ft. 8-3/4 in.
Overall width w/truck tires (tire size)	10 ft. 10 in. (425/65R22.5)
Overall width w/flotation tires (tire size)	11 ft. 3 in. (550/60-22.5)
Top of moving panel	8 ft. 1-1/2 in.
Top of beaters	9 ft. 4 in.
Overall length	28 ft. 6 in.
Face of moving panel to beater centerline	16 ft. 4 in.
Number of beaters	Two
Beater speed	420 rpm
Fan diameter	2 ft. 10- 3/5 in.
Number of paddles on beaters	64
Tractor PTO HP (min. recommended)	150 hp
Number of unloading speeds	Infinite from 0-16 ft. per min.
PTO speed	1000
PTO shaft diameter	1-3/8 in./ (1-3/4 in.)
Number of end gate cylinders	Two
Tare Weight (w/425 tires)	12,420 lbs.

**Faster spreading, faster stockpiling.**



The tough and efficient HR 550 was built for larger operations. With a 550 bushel capacity this spreader can make quick work of the larger spreading chores or simply remove the quick detachable beaters to use this versatile machine for stockpiling!



Designed to make the large spreading chores easy!



## Specifications

Capacity	880 Bushels
Struck Level ASAE S324.1	712 cu. ft.
Heaped ASAE S324.1	1096 cu. ft.
Load carrying capacity	24.2 tons
Loading height	7ft 9-3/25 in.
Inside width of box	60 in. to 96 in.
Depth of box	4 ft. 5-1/5 in.
Overall width w/flotation tires (tire size)	11 ft. 700/40-22.5
Top of moving panel	10 ft. 7 in.
Top of beaters	10 ft.
Overall length	31 ft. 6 in.
Face of moving panel to beater centerline	24 ft.
Number of beaters	2
Beater speed	420
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	64 total
Tractor PTO HP (min. recommended)	200 HP
Number of unloading speeds	Infinite from 0-16 ft./min.
PTO speed	1000
PTO shaft diameter	1 3/4 in.
Number of end gate cylinders	2

This is the largest Hydra-Ram spreader with 2-stage sliding floor technology and equipped with quick detachable beaters, direct shaft drive, and contoured push panel for unsurpassed cleanout. This spreader is a commercial grade unit ready for daily use and high volume jobs.



# Hydra-Pull Spreader Series

Commercial grade means heavy duty components throughout the entire spreader.

## • HEAVY DUTY PINTLE CHAIN

Chain breaking strength  
100,000 lbs. (HP 880 & HP 1100)  
5.5 sq. in. surface wear area

Chain breaking strength  
60,000 lbs. (HP 380, HP 500 & HP 700)  
3.75 sq. in. surface wear area

## • SPRING TENSION ROLLERS

The spring loaded front idler rollers keep the chain secure and provide better chain tracking.

## • 2 - PIECE DRIVE SPROCKET

The pintle chain sprocket allows for service removal without completely disassembling the drive system.

## • GREASABLE BEARINGS ON FRONT AND REAR SHAFT

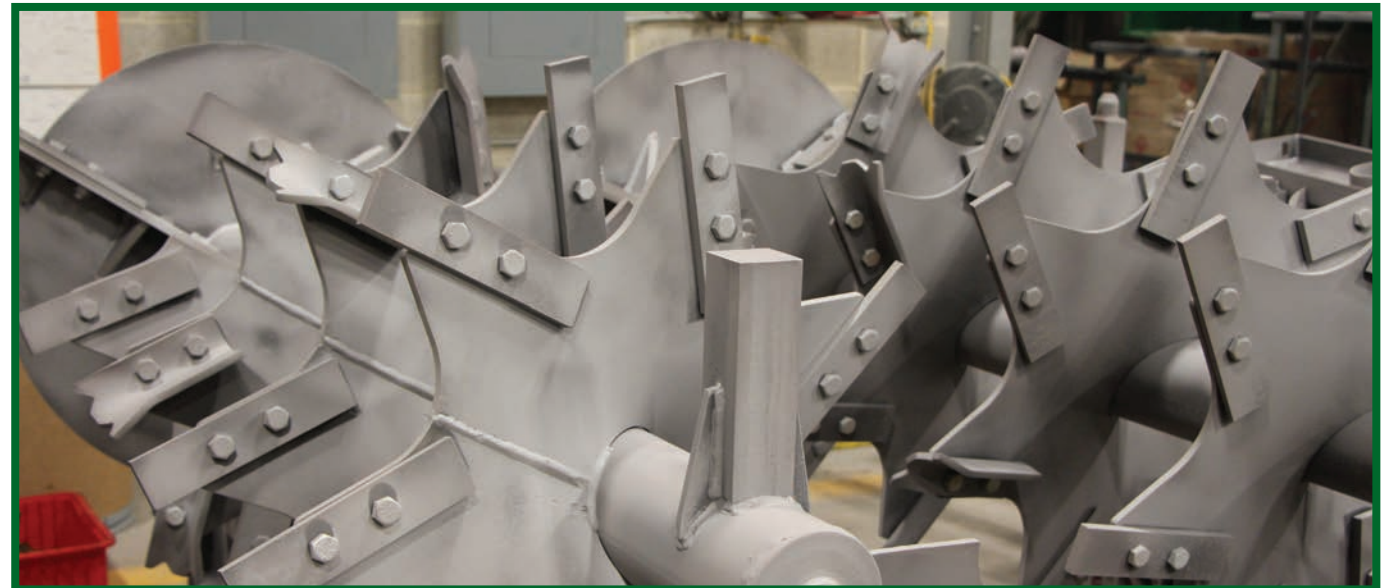
## • AIR OR HYDRAULIC BRAKES (HP 500, HP 700, HP 880 & HP 1100)

## • PRECISION APPLICATION

Optional load cells in the spreader tongue and under the spreader body allow the hydraulic drive to adjust speed for consistent output.



Pik Rite vertical beaters are welded and spin balanced in-house. Equipped with interchangeable knives and claws these vertical beaters shred tough material and spread a consistent 30 ft. wide pattern (depending on material). Bearing shields cover the top and grease lines run to central grease banks for easy serviceability. Quick detach hooks allow you to use your spreader without the beaters.





**A versatile heavy duty spreader for every farm!**



Featuring a rugged steel box design with poly board flooring and heavy duty direct drive beaters, this spreader is built to work the way you work! The guillotine style metering end gate and quick detach beaters make this a versatile, multi-purpose farm implement!

## Specifications

Capacity	380 Bushels
Struck Level ASAE S324.1	276 cu. ft.
Heaped ASAE S324.1	427 cu. ft.
Load carrying capacity	11.5 tons
Loading height	5 ft. 7-17/25 in.
Inside width of box	65 in.-83.5 in.
Depth of box	2 ft. 4-1/2 in.
Overall height (gate closed)	8 ft. 3 in.
Overall width w/flotation tires (tire size 500/50-22.5)	9 ft. 7 in. (radial tires)
Top of beaters	6 ft. 4 in.
Overall length	27 ft. 4 in.
Bed Length	18 ft. 2 in.
Number of beaters	Two
Beater speed	420 RPM
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	36
Tractor PTO HP (min. recommended)	100 HP
Number of unloading speeds	Infinite from 0-15.21 ft./ min.
PTO speed	1000
PTO shaft diameter	1-3/8 in. or 1-3/4 in
Number of end gate cylinders	Two
Tare Weight	11,500 lbs.



## Specifications

Capacity	500 Bushels
Struck Level ASAE S324.1	425 cu. ft.
Heaped ASAE S324.1	622 cu. ft.
Load carrying capacity	16.6 tons
Loading height	7ft. 4-24/25 ft.
Overall height (gate closed)	9 ft. 9 in.
Depth of box	3 ft. 11-1/5 in.
Inside width of box	83.5 in.-65 in.
Overall width w/flotation tires (tire size 500/60-22.5)	9 ft. 10-1/4 in. (radial tires)
Top of beaters	7 ft. 5 in.
Bed length	18 ft. 2 in.
Overall length	27 ft. 4 in.
Number of beaters	Two
Beater speed	420 rpm
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	70
Tractor PTO HP (min. recommended)	150 hp
Number of unloading speeds	Infinite from 0-15.21 ft./ min.
PTO speed	1000
PTO shaft diameter	1-3/8 in. or 1-3/4 in.
Number of end gate cylinders	Two
Tare Weight	13,140 lbs.

Sized for efficiency and engineered for the most demanding jobs.



Featuring a rugged steel box design with poly board flooring and heavy duty direct drive beaters, this spreader is built to work the way you work! The guillotine style metering end gate and quick detach beaters make this a versatile, multi-purpose farm implement!



Built to maximize your time and efficiency.



The Pik Rite HP series quick detachable beater system is innovative and effective! Built to spread the toughest, pen packed dairy manure, dry feed lot, and composite material with ease. This vertical beater unit comes standard with two beaters and a double constant velocity 1000 RPM PTO drive.

## Specifications

Capacity	700 Bushels
Struck Level ASAE S324.1	463 cu. ft.
Heaped ASAE S324.1	709 cu. ft.
Load carrying capacity	19.2 tons
Inside width of box	91 in. to 60 in.
Depth of box	3 ft. 8-1/2 in.
Overall width w/flotation tires (tire size)	11 ft. 700/40-22.5
Overall height	10 ft. 8 in.
Overall length	32 ft. 3 in.
Bed length	24 ft.
Load height	7 ft. 6 in.
Number of beaters	2
Beater speed	420 RPM
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	70 total
Tractor PTO HP (min. recommended)	185 HP
Number of unloading speeds	Infinite from 0-15.21 ft./min.
PTO speed	1000
PTO shaft diameter	1 3/4 in.
Number of end gate cylinders	2
Tare weight	16,000 lbs.



## Specifications

Capacity	880 Bushels
Struck Level ASAE S324.1	712 cu. ft.
Heaped ASAE S324.1	1096 cu. ft.
Load carrying capacity	24.2 tons
Inside width of box	60 in. to 96 in.
Depth of box	4 ft. 5-1/5 in.
Overall width w/flotation tires (tire size)	11 ft. 700/40-22.5
Overall height	10 ft. 9 in.
Overall length	31 ft. 6 in.
Bed length	24 ft.
Load height	7ft. 9 in.
Number of beaters	2
Beater speed	420 RPM
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	70 total
Tractor PTO HP (min. recommended)	200 HP
Number of unloading speeds	Infinite from 0-15.21 ft./min.
PTO speed	1000
PTO shaft diameter	1 3/4 in.
Number of end gate cylinders	2
Tare weight	17,040 lbs.

Our most popular size; tested and proven by our loyal customers.



All Pik Rite HP series spreaders provide a fine, wide and uniform spread pattern. This spreader can be upgraded with a side extension kit for special purpose application. All HP series spreaders also come with quick detach beaters and a heavy duty web chain for excellent cleanout.



Built to maximize your time and efficiency.



This HP-900 is designed with larger operations and custom farmers in mind. This spreader will handle pen-pack, chicken litter, and everything in between. The guillotine end gate combined with the scale system option provide the perfect combination for precision nutrient application.

## Specifications

Capacity	900 Bushels
Struck Level ASAE S324.1	730 cu. ft.
Heaped ASAE S324.1	1205 cu. ft.
Load carrying capacity	24.2 tons
Inside width of box	65 in. to 91 in.
Depth of box	4 ft. 6-3/5 in.
Overall width w/flotation tires (tire size)	11 ft. 6-1/2 in. 710/50-26.5
Overall height	11 ft. 8 in.
Overall length	35 ft. 3 in.
Bed length	24 ft.
Load height	9 ft. 5 in.
Number of beaters	2
Beater speed	420 RPM
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	70 total
Tractor PTO HP (min. recommended)	200 HP
Number of unloading speeds	Infinite from 0-15.21 ft./min.
PTO speed	1000
PTO shaft diameter	1 3/4 in.
Number of end gate cylinders	2
Tare weight	N/A.

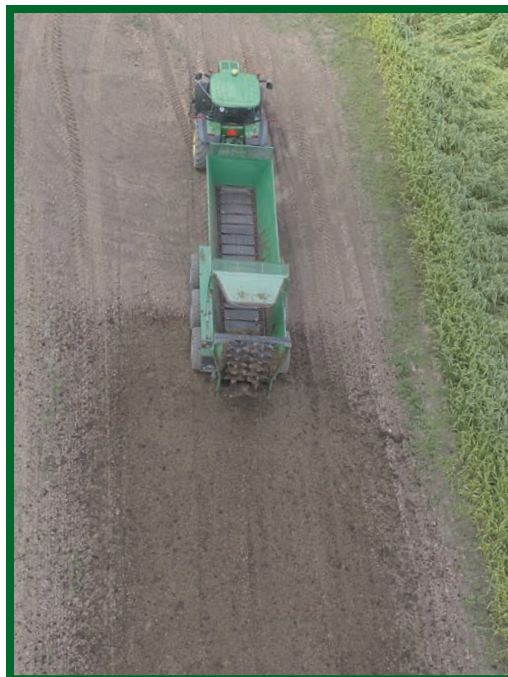


## Specifications

Capacity	1,100 Bushels
Struck Level ASAE S324.1	890 cu. ft.
Heaped ASAE S324.1	1370 cu. ft.
Load carrying capacity	30 tons
Inside width of box	60 in. to 96 in.
Depth of box	4 ft. 5 in.
Overall width w/flotation tires (tire size)	11 ft. 5 in. -28LR26
Overall height	11 ft. 5 in.
Overall length	38 ft. 4 in.
Bed length	30 ft.
Load height	9 ft. 4-23/25 in.
Number of beaters	2
Beater speed	420 RPM
Fan diameter	2 ft. 10-3/5 in.
Number of paddles on beaters	70 total
Tractor PTO HP (min. recommended)	250 HP
Number of unloading speeds	Infinite from 0-15.21 ft./min.
PTO speed	1000
PTO shaft diameter	1 3/4 in.
Number of end gate cylinders	2
Tare weight	26,500 lbs.

Built on a GEA chassis, this 1,100 bushel spreader designed for the large beef feed-lots, large dairy operations, and custom haulers.

30-ton spreader for large operations & custom haulers.



- 30-TON CAPACITY
- GEA TRI-AXLE CHASSIS
- FRONT LIFT AXLE
- FRONT & REAR STEERING AXLES

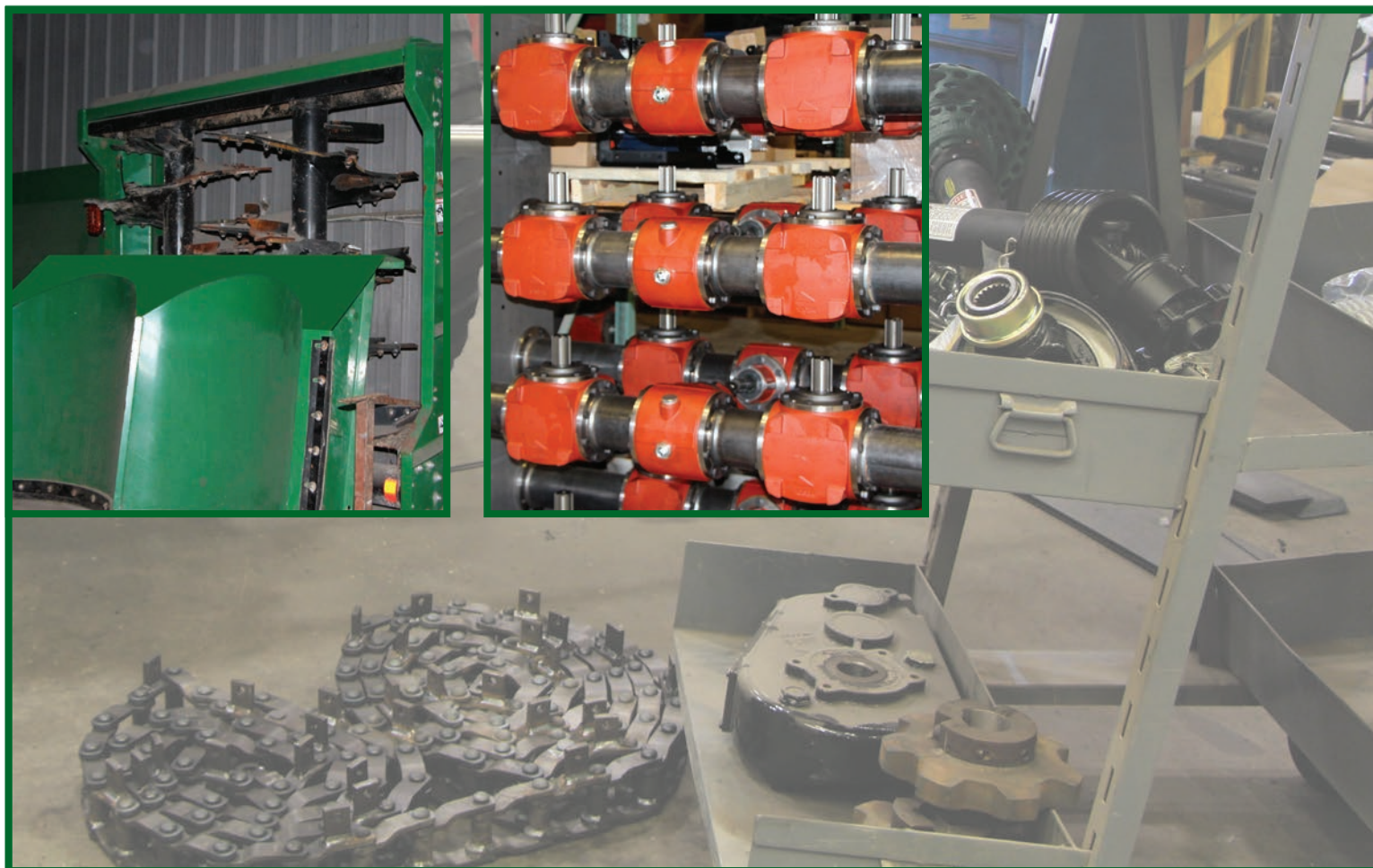


The quick detach beater system makes this a truly versatile machine. From spreading manure to grain and silage hauling, the HP 1100 is designed to maximize return on investment!



## PARTS AVAILABILITY

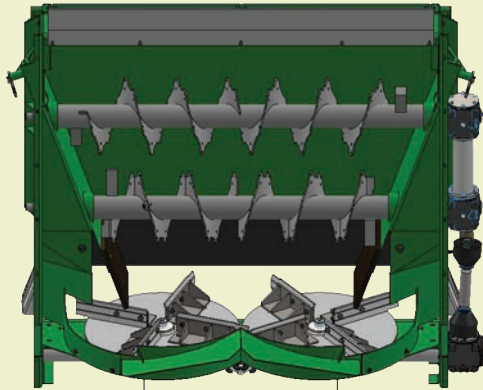
The entire line of Pik Rite equipment comes with our total commitment to customer support after the sale. Our customer service department is staffed to respond quickly to requests for parts, service or information. Our production staff can manufacture most parts in our shop and deliver them through a variety of carriers including UPS, Fed Ex and other LTL (less than a truckload) services.





## Poultry Litter and Compost Solution

The Compost PRO beater attachment is designed for poultry litter and available on various spreader models.



- Dual overhead horizontal beaters
- Dual heavy duty spinners
- Adjustable hood
- Quick access beater panel
- Quick attach (interchangeable with vertical beaters)

The adjustable shield allows for accurate edge control when spreading along fence rows or property lines! The hydraulic opening back panel makes maintenance and visual inspection easy!







Perfect for spreading light, dry material, the Compost PRO from Pik Rite is your poultry litter solution!  
Dual action quick attach unit fits various Pik Rite spreader models. Call for availability.





# HYDRA-RAM SPECIFICATIONS CHART

Pik Rite, Inc. reserves the right to change any equipment specifications, design or materials without notice.

	490	490 V	HR 250	790	HR 400	795	HR 550	HR 880
Capacity	250 Bushels	250 Bushels	250 Bushels	400 Bushels	400 Bushels	400 Bushels	550 Bushels	880 Bushels
Struck level ASAE S324.1	147 cu. ft.	147 cu. ft.	147 cu. ft.	249 cu. ft.	249 cu. ft.	249 cu. ft.	435 cu. ft.	712 cu. ft.
Heaped ASAE S324.1	206 cu. ft.	249 cu. ft.	249 cu. ft.	340 cu. ft.	418 cu. ft.	340 cu. ft.	604 cu. ft.	1096 cu. ft.
Heaped (upper beater) ASAE S324.1	249 cu. ft.	249 cu. ft.	N/A	418 cu. ft.	N/A	418 cu. ft.	N/A	N/A
Load carrying capacity	6.5 tons	6.5 tons	6.5 tons	11.5 tons	11.5 tons	11.5 tons	16.6 tons	24.2 tons
Depth of box	2 ft. 4 in.	2 ft. 4 in.	2 ft. 4-1/2 in.	2 ft. 8 in.	2 ft. 8 in.	2 ft. 8 in.	4 ft 8.75 in.	4 ft. 5-1/5 in.
Inside width of box	5 ft. 1-3/4 in.	5 ft. 1-3/4 in.	5 ft. 1-3/4 in.	5 ft. 11 in.	5 ft. 11 in.	5 ft. 11 in.	5 ft. 11 in.	60 in. to 96 in.
Overall width w/truck tires / tire size	8 ft. 1-1/2 in. 10.00-20	6 ft. 8 in. 12.5L x 15	8 ft. 8-1/2 in. 11/R22.5	9 ft. 8-1/2 in. 10.00-20	9 ft. 8-1/2 in. 11/R22.5	N/A	10 ft. 10 in. 425/65 R22.5	N/A
Overall width w/flotation tires / tire size	8 ft. 9 in. 16.5L-16.1	N/A	9 ft. 1.5 in. 16.5L-16.1	10 ft. 1.5 in. 16.5L-16.1	10 ft. 1.5 in. 16.5L-16.1	11 ft. 550/60-22.5	11 ft. 3 in. 550/60-22.5	11 ft. in. 700/40-22.5
Overall length	18 ft. 7 in. - 18 ft. 10 in.	21 ft. 6 in.	23 ft.	24 ft. 8 in. - 24 ft. 11 in.	28 ft. 6 in.	24 ft. 11 in.	28 ft. 6 in.	31 ft. 6 in.
Loading height	3 ft. 9 in.	5 ft. 6 in.	4 ft. 7 in.	3 ft. 9 in.	6 ft. 4 in.	4 ft. 8 in.	7 ft. 3 in.	7 ft. 9 in.
Top of moving panel	4 ft. 5 in.	5 ft 11 in.	5 ft. 6-1/2 in.	5 ft. 1-7/10 in.	6 ft. 4 in.	5 ft. 10 in.	8 ft. 1-1/2 in.	N/A
Top of upper beater	5 ft. 1/2 in.	7 ft. 6.5 in.	6 ft. 4 in.	5 ft. 10 in.	7 ft. 5 in.	7 ft.	9 ft. 4 in.	10 ft.
Face of moving panel to beater center line	12 ft. 6 in.	12 ft. 6 in.	13 ft. 10 in.	16 ft. 1 in.	16 ft. 4 in.	16 ft. 1 in.	16 ft. 4 in.	24 ft.
Number of beaters	1/(2)	2	2	1/(2)	2	2	2	2
Beater speed	394 rpm	394 rpm	350 rpm	337 rpm	420 rpm	394 rpm	420 rpm	420 rpm
Upper beater(s) speed	284 rpm	284 rpm	N/A	294 rpm	N/A	284 rpm	N/A	N/A
Fan diameter	2 ft. 3 in. (13.25 in.)	2 ft. 3 in. (13.25 in.)	2 ft. 5-7/10 in.	2 ft. 8 in. (16 in.)	2 ft. 10-3/5 in.	2 ft.	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.
Number of paddles on beater	12	12	36	16	42	12	64	64
Tractor PTO horsepower min. rec.	60 hp	60 hp	60 hp	100 hp	100 hp	100 hp	150 hp	200 hp
Number of unloading speeds	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.	Infinite from 0 - 16 ft./min.
PTO speed	540	540	540	1000 / (540)	1000	1000	1000	1000
PTO shaft diameter	1-3/8 in.	1-3/8 in.	1-3/8 in.	1-3/8 in.	1-3/8 in. (1-3/4 in.)	1-3/8 in.	1-3/8 in. (1-3/4 in.)	1-3/4 in.
Endgate cylinders	One	One	One	Two	Two	Two	Two	Two
Tare weight	3,360 lbs.	N/A	5,540 lbs.	6,640 lbs.	9,675 lbs.	8,100 lbs.	12,420 lbs [w/425 tires]	N/A



# HYDRA-PULL SPECIFICATIONS CHART



Pik Rite, Inc. reserves the right to change any equipment specifications, design or materials without notice.

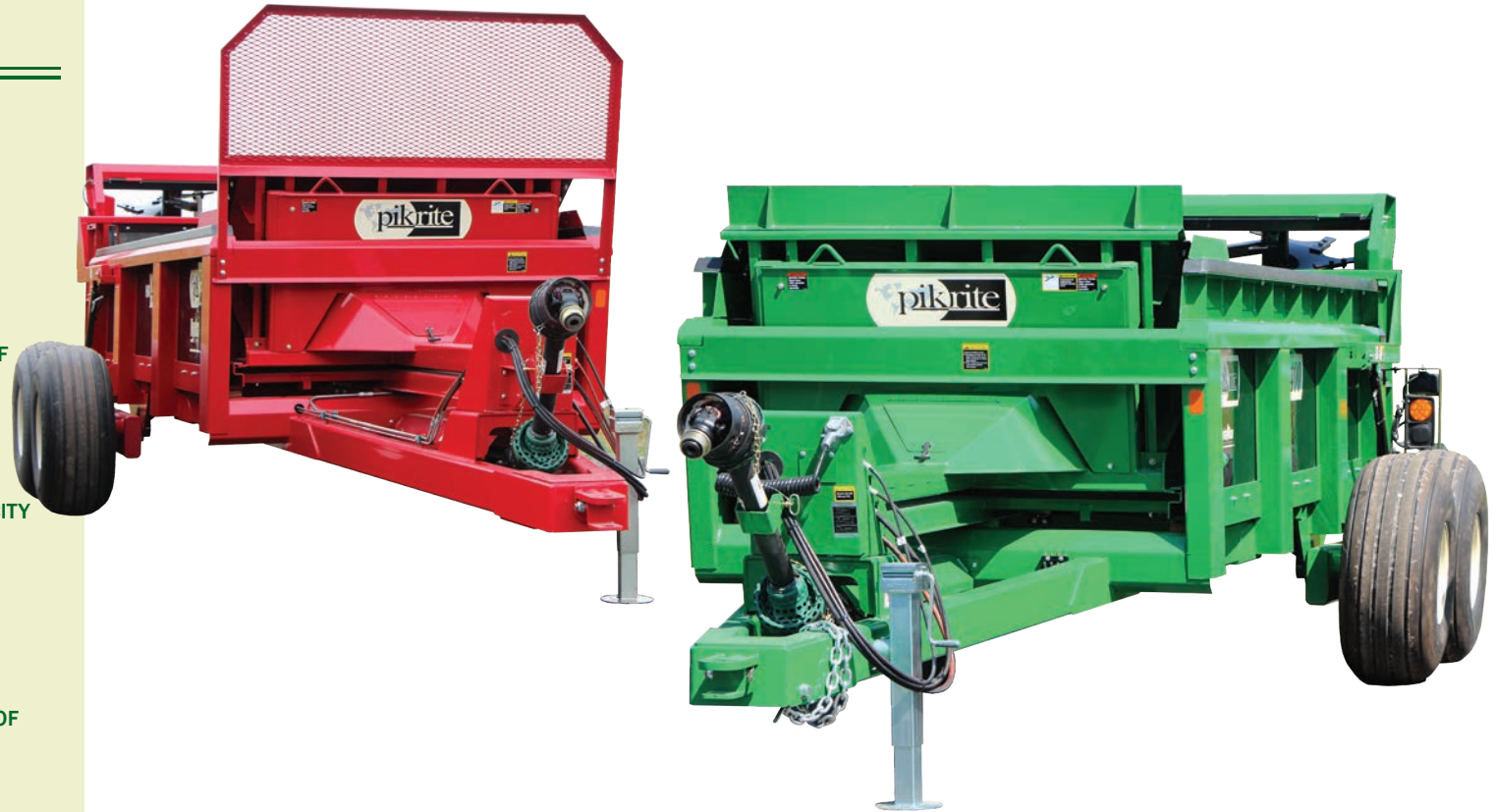
	HP 380	HP 500	HP 700	HP 880	HP 900	HP 1100
Capacity	380 Bushels	500 Bushels	700 Bushels	880 Bushels	1100 Bushels	1100 Bushels
Struck level ASAE S324.1	276 cu. ft.	425 cu. ft.	463 cu. ft.	712 cu. ft.	900 cu. ft.	890 cu. ft.
Heaped ASAE S324.1	427 cu. ft.	622 cu. ft.	709 cu. ft.	1096 cu. ft.	1205 cu. ft.	1370 cu. ft.
Load carrying capacity	11.5 tons	16.6 tons	19.2 tons	24.2 tons	24.2 tons	30 tons
Depth of box	2 ft. 4-1/2 in.	3 ft. 11-1/5 in.	3 ft. 8-1/2 in.	4 ft. 5-1/5 in.	4 ft. 6-3/5 in.	4 ft. 5-1/5 in.
Inside width of box	61.75-65 in.	83.5 in.-65 in.	91 in. to 60 in.	60 in. to 96 in.	65 in. to 91 in.	60 in. to 96 in.
Overall width w/truck tires / tire size	9 ft. 3 in. 425/65 R22.5	9 ft. 3 in. 425/65 R22.5	N/A	N/A	N/A	N/A
Overall width w/flotation tires / radial tires	9 ft. 7 in. 500/50-22.5	9 ft. 10-1/4 in. 500/60-22.5	11 ft. 700/40-22.5	11 ft. 700/40-22.5	11 ft. 6-1/2 in. 710/50-26.5	11 ft. 5 in. 28L R26
Overall height	8 ft. 3 in.	9 ft. 10 in.	10 ft. 8 in.	10 ft. 9 in.	11 ft. 8 in.	11 ft. 5 in.
Loading height	5 ft. 8 in.	7 ft. 5 in.	7 ft. 6 in.	7 ft. 9 in.	9 ft. 5 in.	9 ft. 5 in.
Overall length	27 ft. 4 in.	27 ft. 4 in.	33 ft.	33 ft.	35 ft.	38 ft. 4 in.
Bed length	18 ft 2 in.	18 ft. 2 in.	24 ft.	24 ft.	25 ft. 3 in.	30 ft.
Beater speed	420 RPM	420 RPM	420 RPM	420 RPM	420 RPM	420 RPM
Fan diameter	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.	2 ft. 8-3/5 in.
Number of paddles on beater	36	70	70	70	70	70
Tractor PTO horsepower min. rec.	100 HP	150 HP	185 HP	200 HP	250 HP	250 HP
Number of unloading speeds	Infinite from 0 - 15 ft./min.	Infinite from 0 - 15 ft./min.	Infinite from 0 - 15 ft./min.	Infinite from 0 - 15 ft./min.	Infinite from 0 - 15 ft./min.	Infinite from 0 - 15 ft./min.
PTO speed	1000	1000	1000	1000	1000	1000
PTO shaft diameter	1-3/8 in. (1-3/4 in.)	1-3/8 in. (1-3/4 in.)	1-3/4 in.	1-3/4 in.	1-3/4 in.	1-3/4 in.
Endgate cylinders	Two	Two	Two	Two	Two	Two
Tare weight	11,500 lbs.	13, 140 lbs.	16,000 lbs	17,040 lbs.	NA	26,500 lbs.





## Custom Options

- **COLOR OPTIONS**  
ALL PIK RITE SPREADERS COME IN TRADITIONAL GREEN, INDUSTRIAL YELLOW, RED OR BLUE
- **FORWARD ROCK GUARD**  
HEAVY DUTY ROCK GUARD MOUNTS TO FRONT OF SPREADER
- **SIDE EXTENSION KIT**  
AVAILABLE ON ALL MODELS TO INCREASE CAPACITY
- **ROAD SAFETY AND FIELD WORK LIGHTS**
- **FLOW CONTROLS**  
HYDRAULIC FLOW CONTROL ADJUSTS THE RATE OF DISTRIBUTION & IS CAB OR TONGUE MOUNTABLE
- **TIRE CONFIGURATIONS**



	Recapped Truck	Used Truck	Implement Flotation	Flotation
250 Bushel	11 R22.5	385/65 R22.5 425/65 R22.5	16.5 x 16.1	
400 Bushel	11 R22.5	385/65 R22.5 425/65 R22.5	16.5 x 16.1	500/50-22.5
550 Bushel		425/65 R22.5		550/60-22.5



500/50-22.5

425/65 R22.5

16.5 x 16.1

11 R22.5 Truck



## Why farmers are choosing Pik Rite spreaders:

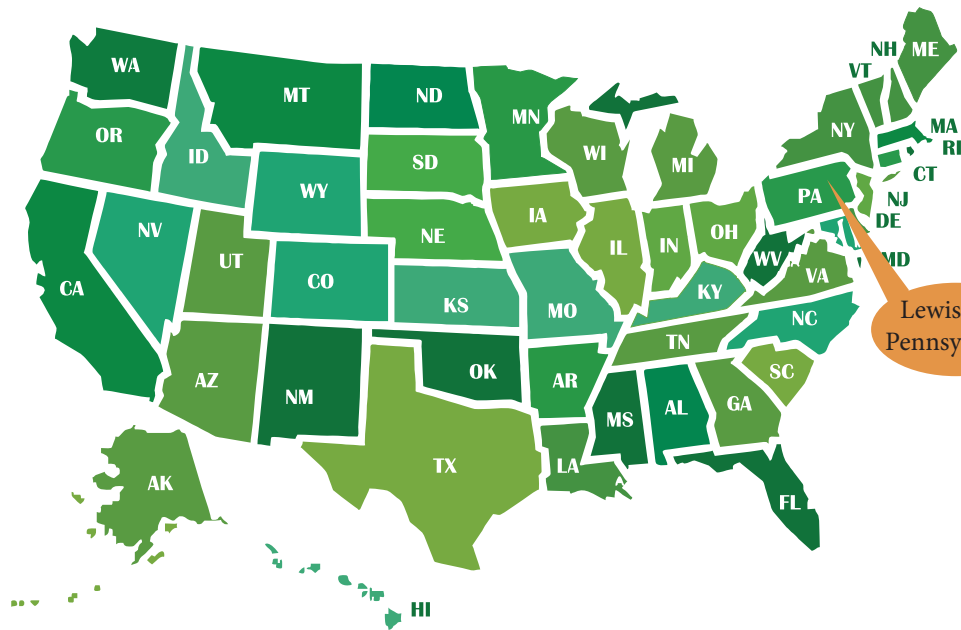


## Features

1. QUICK DETACH BEATERS
2. DIRECT SHAFT DRIVE
3. POLYLAMINATE FLOOR & SIDES
4. STAINLESS STEEL TUBING
5. HEAVY DUTY WALKING BEAMS
6. HEAVY DUTY GEAR BOXES
7. CLUTCH PROTECTED DRIVE LINES
8. EASY ACCESS GREASE FITTING BANKS
9. HEAVY DUTY JACK STANDS
10. ENDGATE RUBBER SAFETY SHIELD
11. WEIGH SCALE INSTALLATION READY
12. QUICK ACCESS PANEL FOR SERVICE
13. MADE IN THE USA







## Our Vision & Mission

To be the premier producer of agricultural equipment and truck bodies that is recognized across the globe for its superior design, durability and workmanship.

Everyone at Pik Rite is given the opportunity to grow personally while engaging in an atmosphere of unity, respect and integrity. Our team work attitude creates a positive experience for our customers through favorable relationship, advanced innovation and easy to use, first class products.





## 2 YEAR WARRANTY

Pik Rite, Inc. provides a limited warranty assuring the Pik Rite spreader to be free from defects in material and workmanship for a period of two years from the original date of purchase. Pik Rite will repair or replace, at its option and without charge, any defective or malfunctioning part (excluding items of normal wear or misuse) of the spreader for this allotted time. Pik Rite, Inc. makes no warranty of merchantability or fitness for a particular use.















## CUSTOMER REVIEWS

**“My Pik Rite spreader is built for a farmer’s use! I love the strength and durability of the Hydra-Pull 1880VB. We stockpile poultry litter in a field and I never have to worry about picking up frozen or chunky material. The spreader shreds the chunky material and applies the material in a uniform application. It also saves time by spreading large quantities quickly and easily. I own two of these machines and heartily recommend them!”**

**Daryl Alger**  
Lebanon, Pennsylvania

**“We have been very impressed with our Hydra-Pull 1880VB spreader from Pik Rite! We spread a heavy duty lime bio solids material so initially I was very skeptical until we spread our first load! The spreader was able to break up the chunky material and gave us a perfect spread pattern. It also saves us time by spreading efficiently at speeds up to 6 miles per hour. We have actually been able to spread up to 200 tons per hour with this durable machine. Thank you Pik Rite for a spreader that’s built to work the way we work!”**

**Scott Rhoads**  
Stoystown, Pennsylvania

**“I really like the design changes on the new Hydra-Ram HR 400. The quick detach beaters are very handy, and I see improved cleanout with the contoured push panel. We spread corn fodder bedding (pen pack) and the HR 400 shreds it and spreads it so evenly on the field that we can follow it with a no-till planter! The weigh scale mountable tongue is also a great feature and my scale really takes the guess work out of the application rate. I also like the hydraulic over electric control configuration. Pik Rite does a great job building manure handling equipment with many user friendly features!”**

**Dan Mussleman**  
Bethel, Pennsylvania





## OTHER PIK RITE PRODUCTS

- HARVESTERS
- DUMP BODIES



Contact your dedicated Pik Rite sales representative to discuss which options will best meet your needs!

**800-326-9763**

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**BUILT TO WORK THE WAY YOU WORK**