

Hydraulic Push Box Spreader | 600 Cubic Feet



HP 160 ProPush®

Product Information

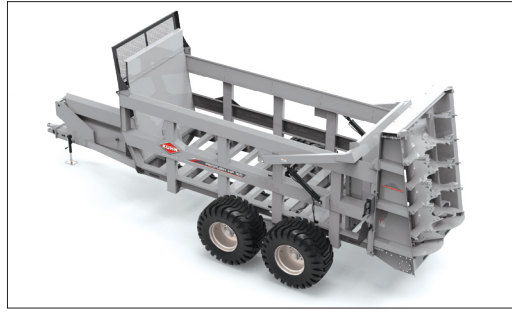


The new KUHN Knight HP 160 hydraulic push box spreader features the proven ProPush® design customers have come to love, in a higher capacity, commercial-duty package. The HP 160 with VertiSpread® vertical beaters is designed to haul and spread solid materials from dairies and feedlots, including gutter manure, yard scrapings, bedding pack and feedlot manure. The hydraulic push-type design means no apron chains, fewer moving parts and dependable service life.



LARGER CAPACITY

The HP 160 features increased capacity while maintaining the same box length as the 2054 spreader, resulting in greater unloading efficiency and fewer trips throughout the day.



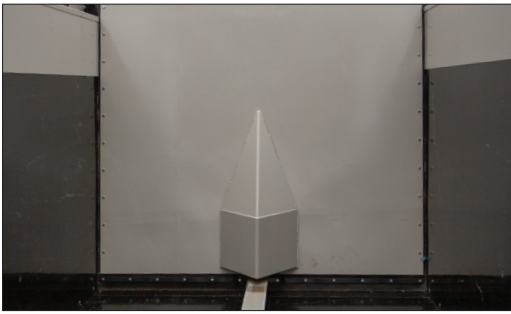
ALL-STEEL WELDED FRAME

An all-steel welded frame provides a solid foundation for the spreader sides and floor. Increased rigidity of the frame allows for longer life of the machine.



IMPROVED IMPLEMENT AND TRACTOR CLEARANCE

A solid weld-in tongue provides structure and is an anchor for the pusher cylinder. The tongue is crossbraced for strength and rigidity. Design enhancements allows for more clearance between the tractor quick hitch and implement, improving maneuverability.



IMPROVED PUSHER DESIGN

The HP 160 pusher features a bird beak design that allows for better cleanout of the load. This also allows the mounting point of the cylinders to be moved forward, resulting in better clearance between the tractor and implement as well as the ability to add a CV PTO option.



VERTISPREAD® VERTICAL BEATERS

Vertical beaters on the HP 160 come standard with 5/8" flighting and hardened beater teeth to ensure superior strength and durability of the beaters in heavy-use conditions. The beaters are located as close to the floor as possible, minimizing the shroud area around the spinner discs and reducing surface area for winter freeze down. With these improvements, customers will notice a more uniform spread pattern with ultimate material breakup.



SEQUENCING VALVE

An optional sequencing valve is highly recommended and can be added to the HP 160 to protect against accidental pusher and gate collisions. It requires the gate to be all the way up, before it allows the pusher to be engaged. The orientation minimizes material buildup to maintain proper function of the sequencing valve.

Technical Specifications

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HP 160 with VertiSpread® Vertical Beaters

SPECIFICATIONS	
Struck Level Capacity	450 ft ³ (12.7 m ³)
Heaped Capacity	600 ft ³ (17 m ³)
Maximum Net Load	39,000 lbs (17,690 kg)
Overall Length	358" (909 cm)
Overall Height	127" (323 cm)
Overall Tread Width	125" (318 cm)
Loading Height	97" (246 cm)
Unit Weight	14,160 lbs (6,425 kg)
Minimum PTO Power Requirement	180 hp (134 kW)



KUHN NORTH AMERICA, INC.

Corporate Headquarters
1501 West Seventh Avenue - Brodhead, WI 53520

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