



ProPush® Hydraulic Push Manure Spreader | 700 ft³ (19.8 m³)
HP 170 M

PRODUCT INFORMATION



The new KUHN Knight HP 170 M high-capacity, commercial hydraulic push manure spreader provides producers with a reliable, heavy-duty machine designed for high usage. The HP 170 M, with a heaped capacity of 700 ft³ (19.8 m³), is designed for agricultural and commercial applications that process a wide array of semi-solid and 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. The moving floor offers a larger capacity without having to sacrifice loading height or maneuverability.

PROPUSH® HP 170 M



Increased Capacity without Sacrifice

New to the ProPush® family is the moving floor. The moving floor design works in unison with the pusher to unload at a constant rate. The moving floor allows the HP 170 M to increase capacity without sacrificing overall length or load height.



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.



VertiSpread® Vertical Beaters

VertiSpread vertical beaters provide a wide spread pattern in an array of materials. These modules are designed to spread material in a 25-30-foot (7.5-9.0 m) pattern at rates ranging from 5-30 tons per acre (11.2-67.2 tonnes/ hectare). VertiSpread modules are designed particularly for operations that spread a wide variety of solid materials such as pen pack or material heavy with dirt.

Vertical beaters on the HP 170 M 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.



Sequencing Valve

The sequencing valve is available as standard on all HP 170 M models. It protects against accidental pusher and gate collisions, requiring the gate to be in the fully upright position before the pusher and moving floor can be engaged. The location of the valve minimizes material buildup to properly maintain valve sequencing.

Technical specifications

	HP 170 M TRAILER VERTISPREAD® VERTICAL BEATERS
Struck Level	520 ft³ (14.7 m³)
Heaped	700 ft³ (19.8 m³)
Maximum Net Load	45,500 lbs (20,640 kg)
Overall Length	367" (932 cm)
Overall Height - Top of Thrown Object Shield	138" (350 cm)
Loading Height	104" (264 cm)
Overall Tread Width	133" (338 cm)
Unit Weight	17,500 lbs (7,938 kg)
Minimum PTO Power Requirement	180 hp (134 kW)

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Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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