Self-Propelled, Twin-Auger Vertical Mixers

SPW INTENSE







SPW: HIGH CAPACITY

Built on the strength of many years of experience in self-propelled TMR mixers, the new KUHN SPW showcases all the development and production skills of a company specializing in bedding and feeding equipment.

The KUHN SPW design reflects all the nutritional considerations of today's farmers: processing capabilities, complete mixing, consistent unloading and high capacity.

Producers will appreciate the fuel savings of the Phase 5, 250-horsepower engine and the milling head/mixing auger hydraulics management system that prioritizes where the engine's power is needed most.

Equally suited for large farms or industrial applications, the KUHN SPW offers the best solution on the market. The weight distribution on the rear axle provides both optimal traction and riding comfort.

UNBEATABLE SILAGE CUTTING PERFORMANCE

❶ Fast loading is an absolute must for self-propelled TMR mixers. The SPW line is equipped with a wide, powerful milling head capable of loading all types of forage. Maintenance is easy to perform thanks to bolted blades on the milling head.



❷ The loading conveyor has been completely redesigned. The belt conveyor is driven by a hydraulic motor at the top of the conveyor. This results in the load being pulled and helps center the belt on the drive roller. The belt has a center rib that contacts a groove in the drive roller; this further enables the belt to track evenly. These enhancements work in unison to keep the belt properly positioned and avoid side wear on the belt and conveyor trough.



❸ To speed up loading, the width of the loading conveyor has been increased from 25" to 31" (63.5 to 78.7 cm). Feed is quickly transferred from the milling head to the tub and augers.



LOW OPERATING COSTS

For the cost-conscious user, the SPW's operating costs are among the lowest on the market. The engine uses Selective Catalytic Reduction technology. Diesel exhaust fluid (AdBlue) is injected into the exhaust to reduce nitrogen oxide emissions. Torque-intensive functions such as silage milling and feed mixing are performed at low engine RPMs. This results in high performance combined with considerable fuel savings.

The joystick-controlled automotive drive matches the engine RPMs to the load resulting in even more fuel savings. This feature restricts engine RPMs at lower levels except during road travel, where additional RPMs are needed to avoid losing speed and momentum.

With the engine located at the rear of the SPW, weight is transferred to the driving axle for outstanding traction. This also isolates engine noise from the cab, further enhancing operator comfort.





FLEXIBILITY AND EASE OF FEEDING

❶ The SPW is equipped with a wide discharge cross conveyor positioned between the cab and the mixing hopper. Feed can be delivered to the right and left sides and is easily viewed from the driver's seat.

❷ The wide discharge door, combined with a variable-speed belt conveyor, ensures an even, consistent flow of feed to the bunk.
Optional right and left rear corner doors are available.



VARIABLE MIXING SPEED

Two vertical augers provide ample mixing action and ensure complete, thorough mixing of a wide range of feed ingredients. Auger speed can be adjusted to match each specific application. Higher auger speeds increase the level of processing, while lower auger speeds reduce processing and maintain longer effective fiber lengths of forage materials.

KUHN Electronics
INNOVATIVE FARMING



COMPLETE MACHINE CONTROL

Available exclusively through KUHN, the new CCI terminal offers vital information and control of most machine functions, including machine operation and weighing management.

The CCI's color touchscreen provides all the information needed to monitor ration loading, mixing and feeding functions. The CCI terminal also manages machine maintenance data such as periodic service operations as well as all diagnostic assistance interfaces. The CCI can also adjust the speed of the silage milling head, mixing augers and feed conveyor instantly.

Information on up to 80 rations with 15 different ingredients can be managed by the CCI. It records up to 10 feed batches by name. The Librafeed data transfer system via a USB port to the farm's computer provides ease of data transfer from the machine to the farm office.

LOOKING TO WORK QUICKLY AND EFFICIENTLY?
YOU WON'T BE DISAPPOINTED BY THE KUHN SPW!









❶ AUTOMATIC BELT TENSIONING

To reduce maintenance downtime, the loading conveyor has an automatic belt tensioning system. This consists of two hydraulic cylinders which keep the belt properly tensioned to prevent belt slipping and reduce overall maintenance.

❷ MANEUVERABILITY

For tight buildings and feeding areas, the SPW can be equipped with an optional rear steering axle. Turning radiuses are greatly reduced with this option.

❸ COMFORTABLE CAB WITH EXCELLENT VISIBILITY

The cab offers a premium view of the milling head with joystick controls at your fingertips. The CCI terminal and other controls are also easily within reach. The cab's interior climate is regulated with air conditioning and heat; mirrors are heated to reduce condensation when entering warm barns during cold weather seasons. Cameras provide views of the rear and other remote areas not visible from the cab.

❹ EASE OF SERVICEABILITY

Positioned at the rear of the machine, the engine and main components are within reach for easy maintenance. Shields open wide for full access to the engine making service easy.

Technical Specifications

	SPW 19.2 CL	SPW 22.2 CL	SPW 25.2 CL	SPW 27.2 CL
Capacity	670 ft³ (19 m³)	780 ft³ (22 m³)	880 ft³ (25 m³)	950 ft³ (27 m³)
Mixing system	2 vertical augers			
Overall height	9'1'' (2.8 m)	10' (3.1 m)	10'11'' (3.3 m)	11'4"" (3.5 m)
Overall width	8' 2" (2.50 m)			
Overall length	36' 1" (11 m)	35' 8" (10.9 m)	35' 5" (10.8 m)	35' 5" (10.8 m)
Empty weight	34,400 lbs (15,600 kg)	34,600 lbs (15,700 kg)	34,800 lbs (15,800 kg)	35,100 lbs (15,900 kg)
Gross weight	55,560 lbs (25,200 kg)			
Max net load	20,500 lbs (9,320 kg)			
Engine	250 HP (185 kW) Volvo Ph 5			
Turning radius	28'10'' (8.8 m), 21' (6.4 m) with optional 4-wheel steer			
Rear tires	495/45 R 22.5			
Front tires	495/45 R 22.5			
Milling head and loading conveyor	6'5" (1.98 m) milling head width, 200 HP (150 kW) @ milling head, 2' 7" (0.8 m) conveyor belt			
Weighing system	Programmable weighing unit (without data transfer) integrated into the CCI 800 (4 load cells)			
Traction	Rear drive axle with differential locking			
Block heater	Engine and hydraulic oil (110 V)			
Camera	4 simultaneous cameras- auger, rear, sides			
Motion control	Multifunctional joystick			
Basic cab equipment	8 work lights, 5 windshield wipers, 2 electrically operated and heated rearview mirrors, full-beam headlights and sun visor, air cushioned seat, and cab heating and air conditioning			

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For more information about your nearest KUHN dealer, visit our website www.kuhn.com

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