



**MEDIA
RELEASE**

NEW RANGE OF SELF-PROPELLED MIXER WAGONS – SPV ACCESS AND SPV POWER

PALMERSTON NORTH – (13th December 2019) KUHN'S new SPV ACCESS and SPV POWER self-propelled silage cutter and mixer models have been developed to provide farmers with a very compact, low height and easy to handle machine.

These new self-propelled silage cutters and mixers are available from 12 to 17 m³ and are suited to farms with more than 80 dairy cows, with a very singular design that stands apart from other models on the market.

These single vertical auger models are designed with a rear steering axle allowing for a short turning radius.

This new range features several models to meet the needs of all farmers:

- *SPV ACCESS*
12, 14 and 15 m³ versions with a 90 hp milling head.
- *SPV POWER*
12, 14, 15 and 17 m³ versions with a 120 hp milling head.

Reasons to choose the new range of self-propelled mixer wagons SPV ACCESS - POWER :

Manoeuvrability – 5 m turning radius:

The design of the new range of SPV ACCESS – SPV POWER self-propelled silage cutters and mixers is highly innovative. The rear steering axle offers a short turning radius (5.90 m). Turning around in the silos after loading or accessing narrow feeding passages is thus easy.

The optional front steering axle is also available for farmers wishing even greater manoeuvrability. The turning radius of 5.00 m is thus the tightest in the market.

Optimised dimensions:

The dimensions of this new range have also been modified with optimisation of the location of all components. The engine is placed between the cab and the tub, while offering comfortable access (as it is placed at 90° with respect to the machine motion) in order to easily perform first-level maintenance operations.

In-cab comfort:

In-cab comfort is also of crucial importance for manoeuvrability. The operator must be able to focus all his attention during approach phases, thanks to an "easy to drive" machine.

The SPV ACCESS – POWER models feature unbeatable ergonomic design. Precise control with the joystick is possible when approaching obstacles. A pedal-operated version is also available.

The machine is controlled by a choice of two different control terminals: VT 30 or CCI 50. The interface logic is very simple for easy intuitive handling with three operating modes: Loading / Mixing / Feeding.

The panoramic cab allows the operator to safely move within very confined spaces. The SPV ACCESS-POWER range benefits from the latest innovations in terms of visibility: enhanced 360° lighting to always maintain control of the machine in dark operating environments, forward-mounted electric retractable rear-view mirrors for passing gates, etc.

Exemplary traction:

Drawing on its extensive experience acquired with self-propelled silage cutters and mixers, KUHN has also equipped this range of machines with exemplary traction. The front steering axle bears 65% of the machine's weight. Even the most difficult slopes are now accessible.

Compactness : 15 m³ below 3.00 m:

The design of the new SPV ACCESS and SPV POWER range allows large volumes to be handled while overall heights remain low. For example, a 15 m³ machine can now operate in buildings less than 3.00 m tall. This new solution thus provides new operational perspectives for numerous farmers.

The mixing tub is fitted between the two axles. The axles thus no longer have a penalising effect on the overall height of the machine, while benefiting from tyres of favourable size.

Even more compact:

For even greater compactness, this vertical auger machine features right and/or left-hand side direct feed. Feeding passages requiring simultaneous, bilateral distribution can be handled in a single pass.

In order to place the windrow close to the head gate, the SPV ACCESS – SPV POWER range can be equipped with a retractable feed conveyor under the tub. In transport mode, the conveyor remains within the machine's outline, thereby protecting it from any risk of snagging.

Optimal fodder flow:

Compactness can also be regarded as a key ally of the machine's technical capabilities. As proof, the loading mechanism, and particularly the 650 mm wide conveyor, is located on the right side of the machine.

The fodder flow entering the machine is guided in the vertical auger's direction of rotation. The tub's loading coefficient is optimal without penalising the mixing homogeneity.

Performance - 170 hp:

The performance characteristics of a self-propelled silage cutter and mixer can also be evaluated in terms of the cycle time of the various phases: loading, silage cutting, mixing and feeding.

The SPV ACCESS - POWER range features the strong points on which the reputation of KUHN self-propelled silage cutters and mixers is built.

Milling head for loading all types of fodder:

The 2-metre wide milling head develops 90 hp on the ACCESS models and 120 hp on the POWER models. It is adapted to load all fodder and feed types encountered on farms: long strands, silage and concentrates.

Automatic milling head control on the downstroke during silage cutting:

Electronic control of the milling head downstroke allows the amount of force to be automatically adapted to the density of the fodder to be loaded. In maize silage silos, it will steadily descend at a maximum flow rate while preserving fodder quality. In grass silage conditions, it will be slowed down to ensure a sufficient pulling strength of the strands in the clamp.

Exclusive vertical mixing auger:

The mixing auger is hydraulically powered offering flexibility with its two speed ranges.

- In "mixing" mode, it ensures complete cutting and mixing of the products at 15 min⁻¹ with the ACCESS models and 20 min⁻¹ with the POWER models.
- In "feeding" mode, the tub is quickly and completely emptied at a speed of 38 min⁻¹ for the ACCESS and at 50 min⁻¹ for the POWER.

Economical engine:

Acquiring a new self-propelled silage cutter and mixer does not necessarily mean having to opt for a new generation of engine.

KUHN has opted for a 170 hp (126 kW) constant speed engine. This engine generation is in strict compliance with current environmental standards while simplifying the farmer's everyday life.

This economical engine meets the requirements of pollution-control standards without having to add AdBlue.



***For More Information Contact Your Local Kuhn Dealer or
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