



Front-mounted belt merger
MERGE MAXX 440 F

PRODUCT INFORMATION

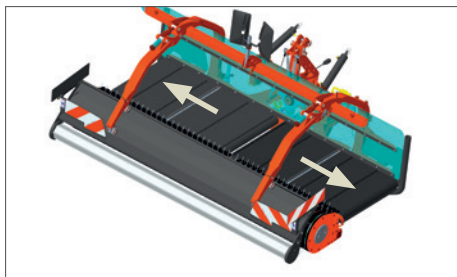


KUHN expands its range of belt mergers with the release of the MERGE MAXX 440 F front-mounted model. This machine combines the desire to harvest forage with the lowest possible level of impurities with the need to reduce the operating costs of harvesting machines. Less impurities and the absence of stones in the forage are often mentioned by users of these machines.

Frequently combined with a rear rotor rake, or belt merger, its use prevents the tractor wheels from rolling on the product before being picked up by the rear machine. Other benefit; the rear unit tines require less "scraping" to pick up the material compacted by the wheels.

For a clear gain in windrow formation quality, the MM 440 F belt merger features the following exclusivity: two belts. These belts can deliver product on each side, and the rear machine is then able to form a more homogeneous windrow of equivalent density over its width: a base required for even, cylindrical bales, easier to wrap. Clear benefits for handling, storing and ensuring preservation of the precious forage!

MERGE MAXX 440 F



EXCLUSIVE

One pickup and 2 belts!

The front attachment prevents forage from being compacted by the tractor wheels. Associated with a rear windrower with central delivery, the MM 440 F rake with its double delivery ensures an equal volume of forage on each side. The central windrow then produced remains homogeneous in density and shape: an undeniable advantage for baling well cylindrical bales, better wrapped. Homogeneous bales: handling and storage is facilitated without forgetting the gain in preservation quality.

Rotating skids adjustable in height

To prevent damage to the sward in tight bends due to the transverse movement of the machine, the working unit is guided by rotating skids. They are adjustable in height to adapt to the requirements of various forages (natural meadows, alfalfa, straw, etc.). Another advantage: the machine also keeps a substantially equal working angle: an asset for suspension efficiency.

Exemplary ground following

The pendulum articulation integrated in the frame gives the pick-up a travel range of +/- 10°. Combined with an almost constant ground pressure adjustment thanks to the hydraulic suspension, the machine faithfully follows the ground contours for a clean raking while preserving the sward.

Technical specifications

	MERGE MAXX 440 F
Raking width (m)	3.00
Working width in side delivery mode (approx. with windrow) (m)	4.40
Transport width (m)	3.00
Number of pickup and belt	1 pick-up and 2 belts
Pickup height control	Via 2 rotating skids, adjustable in height via a pin on a multiple position plate
Windrow delivery	Delivery to the left or right or on both sides
Functions monitored by the control box	Forage delivery direction, belt speed
Linkage	Cat. 2 Tractor front lift linkage in single acting mode (or double acting with floating position)
Ground adaptation	Pendulum-type frame with angular travel range of +/-10°
Suspension	Per hydraulic cylinders, linked to the tractor front by means of load transfer hooks
Required tractor hydraulic equipment	1 x SA with free return, flow of 45 l/mn at 150 bar (80-120 bar on average depending on the forage)
Front/rear lighting and signalling	Side marker lights and signalling panels
Weight (kg) approx.	1,140

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