

Belt merger



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# MERGE MAXX 950 SC

## Product information



Central or side delivery rake ? The answer is simple and effective: MERGE MAXX 950 SC. With two pick-up and conveyor belt units, this merger adapts at all times to forage volumes and harvesting methods. It has numerous delivery choices:

- Central windrow with adjustable width,
- Side windrow for grouping several working widths together,
- Central and side windrow simultaneously.

MERGE MAXX 950 SC is equipped with the WINDGUARD system with rollers (front reels with rollers) to provide both high work output and uncontaminated forage. Regular windrows containing fewer impurities and stones make harvesting materials more productive.

It is compact and easy to handle for transport.



## **CENTRAL WINDROW: WITH ADJUSTABLE WIDTH THAT ADAPTS TO PICK-UPS PERFECTLY**

Central delivery is often more beneficial when operating in large volumes of forage or when choosing to work with a triple mower combination at the same time. The two pick-up units move apart to make room for central windrow delivery. Windrow width can be adjusted by a few dozen centimetres (narrow pick-up) to 2.20m (3m silage harvester pick-up) according to the width of your pick-up or the volume of forage. The units are dimensioned in such a way as to make them compatible with all triple combination mower conditioner operations.



**MAXIMUM VERSATILITY !**

## **SIDE WINDROW: TO GROUP SEVERAL PICK-UP WIDTHS**

How to reduce travelling distance for silage harvesters and pick-ups following windrows in low-density forage? A simple click from the driver in the cab at any time is all it takes to change to side delivery. It is possible to merge 20 to 30 metres of forage into one single windrow thanks to the pick-up's operation and transport with no ground contact. Reduced distances for harvesting materials result in time and money savings not to mention less soil compaction. It is commonplace today for drivers to use and benefit from both side and central delivery on the same plot!



## UNIFORM WINDROWS, EASY TO PICK UP: THE WINDGUARD WITH ROLLERS IS A MUST !

The production of uniform and regular windrows starts at the forage pick-up stage. A regular flow of forage is guided by the WINDGUARD with rollers to feed the conveyor belt with as result a perfectly regular windrow delivery; appreciated by baler and silage harvester operators. Uniform, regular windrows prevent having to harvest in fits and starts and can increase working speeds by 2 to 3kph.



Regular flow and operating comfort:  
The WINDGUARD system is joint-mounted which allows for self-adjustment to suit forage volumes. The lower roller and guidance volute regulate and guide forage pick-up.



### LOW GROUND PRESSURE, ARTICULATED SKID SHOES

The pick-up units are equipped with a suspension system consisting of powerful springs that can be adjusted if necessary. This system significantly reduces ground pressure in order to preserve ground cover; appreciated by alfalfa producers. Four large, articulated and height-adjustable skid shoes follow the contours of the land and guide each pick-up unit perfectly. For extra safety and comfort, skid shoe height control is centralised by crank handle.



### WINDROW CURTAIN

A windrow curtain can be ordered for the side delivery system. It perfects windrow calibration to the advantage of pick-up by baler. The windrow curtain can be folded away at any time.



## MANAGING THE MACHINE

Main machine functions are managed via a simple, user-friendly control box:

- windrow delivery mode,
- belt rotational direction,
- folding and unfolding,
- surface area counter,

The windrow curtain is controlled directly by tractor valve.



## EXCLUSIVE LINKAGE SYSTEM WITH BUILT-IN DAMPERS

Drawbar couplings with dampers integrated. A KUHN exclusive which makes driving conditions (especially on poor roads and paths) more comfortable.



## INDEPENDENT HYDRAULIC CIRCUIT

An integrated hydraulic unit drives the pick-up units and the belt, and avoids major hydraulic requirements from the tractor.

The machine can be used at 1000 min<sup>-1</sup> or in energy-saving mode at 750 min<sup>-1</sup> in order to reduce fuel consumption.

### Technical specifications

### Belt merger

#### MERGE MAXX 950 SC

Pick-up width (m/ft)	7.50 / 24'7" - 9.50 / 31'2"
Working width in central delivery mode (m/ft)	8.20 / 26'11" to 9.50 / 31'2"
Working width in side delivery mode (average incl. initial windrow) (m/ft)	8.80 / 28'10"
Average windrow width (m/ft)	1.00 to 1.50 (3'3" to 4'11") in side delivery mode, up to 2.20 (7'3") in central delivery mode
Linkage	2-point – pivoting yokes with dampers – cat. 2 and 3
Pick-up height control	4 skid shoes per pick-up unit, continuously adjustable by crank handle
Suspension of working units	By spring
Drive of pick-ups and belts	Self-contained hydraulic drive
PTO speed (min <sup>-1</sup> )	1,000 or 750, request on ordering
Wheels	400/55x22.5
Transport width (m/ft)	3.00 / 9'10"
Tractor hydraulic requirements	2 x DA (1 DA for windrow curtain)
Approx. weight (kg/lbs)	4,600 / 10,140



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