

Belt Merger

MERGE MAXX 950



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MERGE MAXX

950

# A DIFFERENT WAY OF WINDROWING



MERGE MAXX 950 は、非常に用途の広いマシンです。あらゆる種類の飼料を穏やかに集めて、最大の飼料価値を維持することができます。2つの独立したピックアップにより、シングルウィンドローモードで 7.50 m、「中央ウィンドロー」位置で 9.50 m の合計レーキ幅が得られます。

## 多数の可能性

草からアルファルファの全植物サイレージまたは干し草、バイオガス植物、穀物または菜種わらまで、この機械はあらゆる種類の作物を集めて、さまざまなウィンドロー構成の風車を形成します。

## 大規模なパフォーマンス

MERGE MAXX 950 は、効率的に組織化された強力な収穫チェーンを頼りにする請負業者や大規模な事業向けの機械です。この 9.50 m のレーキ幅との合併により、最大 20 または 30 m の飼料を集めて均一なウィンドローを形成できるため、後続の収穫機は最大 3 km / h \* の高速で稼働できます。

## 飼料価値を高く保ち、土壌含有量を低く保つ

ベルトの合併はどのように機能しますか？飼料は地面に沿って押し出されるのではなく、刈り取られた場所で拾われます。この利点は何ですか？葉の損失が少なく、飼料中の土壌や石が少なくなる可能性があります。ベルトに移された後、ウィンドローは堆積され、再び拾われて、特大の最終的なウィンドローを形成することができます。これは、大規模な収穫作業中にコストを削減するための効果的な方法です。ウィンドローのキロメートルが少ない=大型の収穫機がより効率的に使用されます。



## 最も重要な仕様：

Specifications	MERGE MAXX 950
作業幅 (m)	7.50 to 9.50 m
輸送幅 (m)	3.00 m
ピックアップ数	2
駆動方式	Hydraulic

\*Depending on conditions



# 飼料の品質に妥協のない非常に多くの可能性

**MERGE MAXX 950** ベルトの合併には、8つの異なる配送オプションがあります。それは可能です：

- 軽いまたは重い、長いまたは短い（一時的または永続的な草地、わらまたは植物全体、メスリン、干し草など）、あらゆる種類の飼料を拾う。
- 収穫方法への適応：ベラーとローダーの場合は1 mのウィンドロー、チョッパーピックアップの場合は最大 2.20 m。幅を調整できる中央のウィンドロー、異なるピックアップ幅の側面のウィンドローを提供するか、オプションを組み合わせます。
- さまざまなプロット構成に簡単に適応できます。

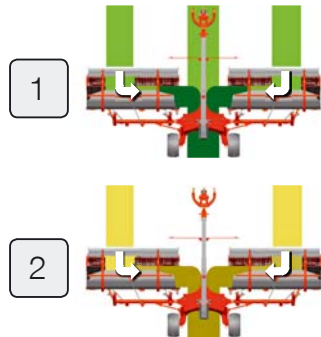


## 中央寄せ

The 2 units are distant.  
The belt takes the forage to the centre of the machine.  
A central windrow is created with 8 to 10 m of forage:  
- Ideal with a triple mower combination [1].

- Or picking up 2 straw windrows after a combine harvester with cuts up to 7/7.50 m [2].

Windrow width can be adapted to the size of the pick-up depending on the distance set between the pick-up units.

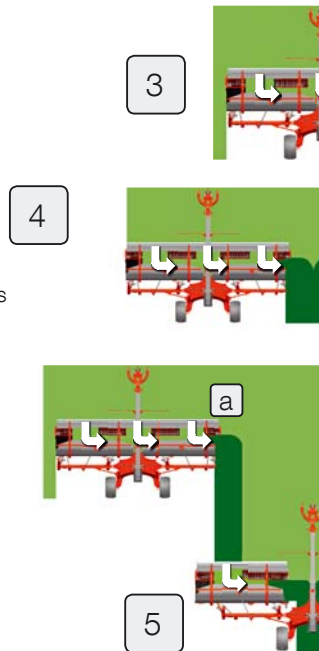


## 20 ~ 30 m を1本のウィンドローに

If the belts are brought closer together and turned in the same direction, one single windrow is created, either to the left or to the right of the machine [3].  
If need be, forage can be deposited onto a pre-raked area.

Different raking widths can be put together to produce widths of up to 20 to 30 m in low forage volume situations [4].

Get the best of both worlds; side and central delivery [5]  
- First pass with right delivery [a].  
- Then left side delivery [b].  
- Then finish the windrow [c].



## PICK-UP UNIT: The pick-up and WINDGUARD-with-roller

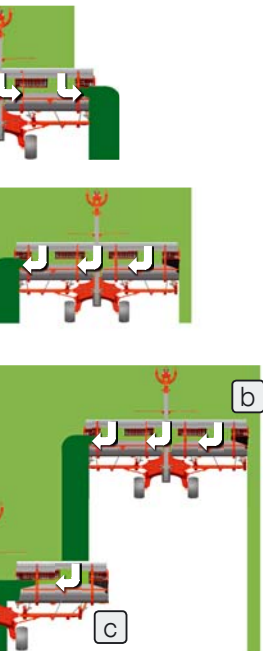
Pick-up quality and regularity are directly related to the design of this unit. In combination with the WINDGUARD reel, volute and lower roller, 5 tine arms, guided by cam, optimise forage uptake, lift and smooth transfer to the belt. **This is essential for the machine to create regular windrows.**







## 草が重たい場合

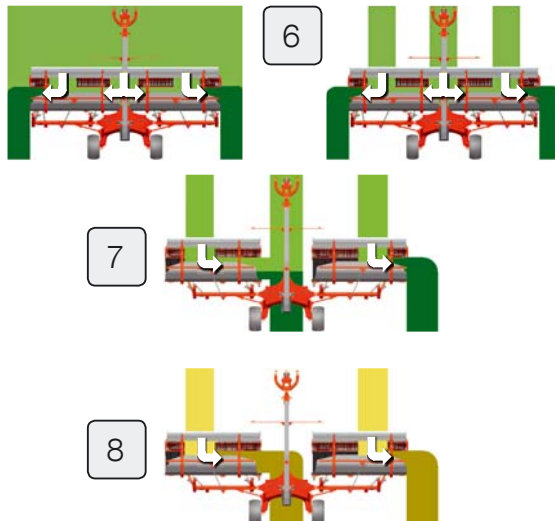


A single windrow may be too much for a harvester in terms of working at a constant speed. That's why different configurations are possible:

- Half the forage is guided to one side and half to the other [6].

- Half the forage is guided to a central windrow and half to a side windrow [7].

- This can be useful for turning two straw windrows simultaneously! [8].



### SIMPLE TO USE!

The main functions of the machine are controlled with a simple, user-friendly terminal:

- Windrow delivery.
- Rotational direction of the belts.
- Setting to work and transport position.
- Hour meter.

The windrow curtain is controlled directly by tractor valve.

**1. EASIER FORAGE TRANSFER.** Rotation speed of the pick-up is variable to adapt to different harvesting situations. When necessary, rotational speed can be reduced to preserve the leaves of very delicate forage and the final product. The wide belt transfers the product to the side. It is very easy to service.

**2. BELT ADJUSTMENT:** Fast and practical. It takes just a few moments and requires no tools to adjust the tension of the strip.





## REGULAR WINDROWS: + 2 TO 3 KM/H\*



\*\*Depending on conditions.

Your harvesting material can work at faster speeds when windrows are regular.

At constant speeds, drivers have less operating stress:

- No slowing down for dense areas.
- No accelerations for sparse areas.

They can concentrate on what is important rather than having to worry about ground speed.

With the MERGE MAXX 950 belt merger, you also reduce the peaks in operating stress put on harvesting machines. MERGE MAXX 950 users attest to increasing working speeds by 2 to 3 km/h! You too can improve all-round productivity.

Less soil and stones in the windrow reduces wear to the intake system and operating costs.

### EXCLUSIVE



#### WINDGUARD-WITH-ROLLER SYSTEM

Forage is taken in by the pick-up and guided by the WINDGUARD system which is composed of a guidance volute and a roller that optimise forage flow onto the conveyor belt. It automatically adjusts to the amount of forage.

**Result:** uniform, fluffy windrows with no twists for faster output.



**Side windrows perfectly calibrated.** A windrow curtain can be ordered for side delivery to improve windrow calibration, especially when using a baler for pick-up. The driver can change windrow width at any time or fold the curtain back completely.

**Excellent ground following.** The MERGE MAXX 950 belt merger is equipped with a special system that keeps ground pressure below 90 kg!

#### EQUIVALENT WEIGHT ON GROUND

1 x 90 kg person

1 skid  
MERGE MAXX 950

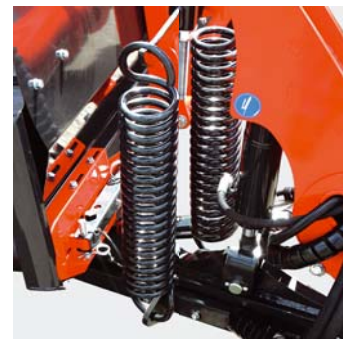
26 % LESS  
PRESSURE

0.082 kg /cm<sup>2</sup>

0.065 kg /cm<sup>2</sup>

**Spring suspension.** In order to reduce ground pressure and preserve grass stubble, the pick-up units of the MERGE MAXX 950 belt merger come with a special suspension system with 4 powerful and adjustable springs. Each pick-up unit has an angle of +/- 10° and vertical travel range of -20/+30 cm in order to adapt to uneven terrain.

**Articulated skids.** The four large skids are articulated and height adjustable to contour the ground and guide each pick-up unit perfectly. Centralised skid height adjustment by crank handle provides extra comfort and safety.





### LINKAGE WITH INTEGRATED DAMPERS

The linkage system includes dampers to prevent transferring jolts to the tractor. This is a KUH N exclusive which brings additional comfort when driving on poorly kept roads.



### SELF-CONTAINED HYDRAULIC CIRCUIT

To avoid excessive tractor hydraulic requirements, an integrated hydraulic unit drives the pick-ups and belt. The machine can run at 1000 rpm or in energy-saving mode at 750 rpm, to reduce fuel consumption.

**The KUH N extra:** pick-up speed can be reduced when gathering very delicate forage.



### EXTRA PROTECTION

For windrowing in hot, dry weather, in straw or flinty ground, synthetic skids are available as an option. They protect the machine perfectly during harvesting operations.

Specifications	
	<b>MERGE MAXX 950</b>
作業幅 (m)	7.50/9.50
中央寄せの場合 (m)	8.20 to 9.50
作業幅 (サイド寄せの場合) (m)	8.80
平均的なウィンドロー幅 (m)	1.00 to 1.50 in side windrow mode, up to 2.20 in central windrow mode
輸送幅 (m)	3.00
輸送時全長 (m)	7.40
輸送時全高 (m)	3.6
Pick-up and conveyor drive	Self-contained hydraulic drive
Pick-up height control	2 skids per pick-up, continuously adjustable by crank
Type of windrow	Central, side, left and right side or central + side
タイヤサイズ	400/55x22.5
Functions controlled by terminal	Setting to transport/work position, windrow headland turn position, windrow delivery options, hour meter
PTO回転 (rpm)	1000 or 750
リンケージ	2-point - Swinging yokes - Cat. 2 and 3N
Tractor hydraulic requirements	2 DA (1 extra DA if windrow curtain)
Brakes	Hydraulic or pneumatic depending on country
Lighting and signalling	As standard
重量 (kg)	4845

**Optional equipment:** Windrow curtain - Synthetic skid shoes - 750 rpm drive - 500/45-22.5 large wheels - belt speed regulation valves - Mud guard.



## KUH N PARTS

Designed and manufactured to rival time

KUH N foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUH N PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUH N dealer.



be strong, be **KUH N**



# ADVANTAGES OF THE MERGE MAXX 950 BELT MERGER AT A GLANCE

## SO MANY POSSIBILITIES WITH NO COMPROMISE MADE ON:

- Forage types
- Harvesting methods

Working speeds increased by 2 to 3 km/h\* with homogeneous windrows that are easy to pick up.

Optimum ground pressure control in order to preserve plant cover:

- Spring suspension.
- Articulated skids.

Driving comfort: in-cab terminal, linkage dampers, suspension of working units and regular windrows.

*\*Depending on conditions.*

## Check out our range of high-performance machines



1. Triple gang mowers - 2. Triple gang mower conditioners - 3. Large width tedder - 4. 4-rotor rake - 5. High density baler - 6. Round baler - 7. Fixed chamber baler-wrapper combination - 8. Wrapper.

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