



Disc mower with swathing auger
GMD 9530 RV

PRODUCT INFORMATION



A new way of swathing while mowing

The GMD 9530 RV is a new innovation in KUHN's mower range. As well as being equipped with a swathing system, it also features KUHN's renowned technical components, such as the LIFT-CONTROL and mower-unit-offset systems present on GMD models in the 1030 series. This robust machine is designed to increase productivity while reducing costs. The swathing auger enables the machine to form a swath in a single pass, so you don't need to use a raking tool. Fewer operations mean that fodder quality is preserved and output is increased.

Another great feature is the OPTIDISC ELITE cutter bar, which ensures excellent cutting quality. The large-diameter auger is perfectly integrated into the machine making it more compact and lighter than cross conveyor systems.

In addition, the machine has a low power requirement, especially in light fodder, making it possible to use a smaller tractor. These large-diameter swathing augers produce impressive results in terms of efficiency and quality. Safe working conditions are ensured too, due to the cutter bar and swathing auger's mechanical drive system secured by an automatic cam clutch and shear bolt. It is a concentration of technological features designed to improve the performance of harvesting operations.

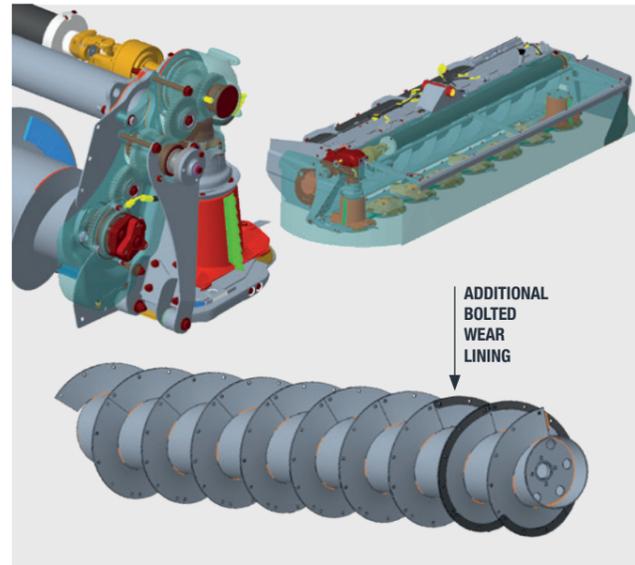
GMD 9530 RV: A NEW SWATHING TECHNIQUE

Made to last

The GMD 9530 RV features a 100% mechanical power transmission system. The swathing augers and cutter bar are driven separately by cardan shaft and gearbox resulting in a high-capacity and very robust machine, even in difficult conditions with heavy, dense fodder. The automatically resetting cam clutches and shear bolts, in the side gearboxes that drive the augers and cutter bar, secure all machine components while ensuring optimum working comfort and efficiency.

Designed for intensive use

With its two large-diameter augers (Ø 500 mm) that turn at 900 rpm, the GMD 9530 RV provides high work output, even with large volumes of fodder. The swathing augers are equipped with Hardox wearing parts that prevent premature wear and reduce maintenance costs. The GMD 9530 RV meets high standards in terms of endurance and maintenance cost reduction.



Modular swath delivery

Although continuously driven, the mower is highly adaptable with individual lift-control of the swathing units from the tractor cab.

- 1 No need for a rake, form a swath in a single pass**
The GMD 9530 RV's retractable swathing system is capable of forming a swath in a single pass across its whole working width of 9.50 m. This saves on the cost of a rake and produces a decent swath to use the full potential of a chopper or the harvesting equipment that follows.
- 2 Flat delivery means efficient fodder drying**
The GMD 9530 RV can also be used for full width laying of the crop. Simply raise the swathing units at the rear of each auger with the hydraulic in-cab controls. This wide delivery mode boosts crop drying. What's more, the augers continue turning, even in flat-delivery mode, giving the fodder a "brushed" effect and directing it towards the centre for easier pick-up with a MERGE MAXX.
- 3 Deliver 18.00 m of cut crop for pick-up with a 4-rotor rake**
Where fodder density permits, the GMD 9530 RV can deliver 18.00 m of cut fodder over 12.00 m, by raising the swathing units on one side and mowing up and down the field. This is ideal for pick-up with a 4-rotor rake. This configuration also works well to clear field margins.
- 4 Adjustable swath width**
The mowing units on GMD 9530 RV machines feature an offset system which makes it possible to adjust the working width from 9.13 to 9.53 m, from the tractor cab. This means that the position of the front mower can be adapted to always provide the right amount of overlap when working on slopes and bends so no areas are left uncut. The swathing augers are fitted to the mowing unit enabling the operator to modulate swath width by adjusting the position of the mowing units. You can change swath width to suit your needs: from 1.50 to 2.00 m, for narrow-width pick-up with a baler, self-propelled loader, or chopper.



Mowing quality comes first

Mowing quality is priority for customers. To meet this demand, the GMD 9530 RV integrates some of KUHN's most renowned components such as the OPTIDISC ELITE cutter bar.

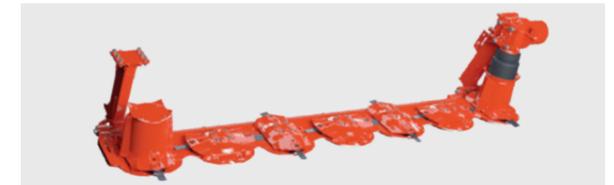


OPTIDISC ELITE: ROBUST AND EXCELLENT CUTTING QUALITY

The variable-spacing concept between the discs ensures a great cut, even at high speeds and on wet land. The diverging discs are close together (A) resulting in knives overlapping to produce a clean cut. The converging discs are farther apart to improve fodder evacuation (B).



The OPTIDISC ELITE cutter bar requires no oil change, so time and money are saved on maintenance. The cutter bar also comes with PROTECTADRIVE safety which is particularly effective on encountering obstacles.



The OPTIDISC ELITE cutter bar is a high-performance, reliable tool that meets the highest standards required for large farms and contractors.



Optimum ground following

With its LIFT-CONTROL oleo-pneumatic accumulators, the GMD 9530 RV contours the ground beautifully. Ground pressure can be adjusted with precision, at any time, for fast adaptation to different conditions. The exclusive LIFT-CONTROL system combines hydraulic suspension and NON-STOP safety. If the mowing unit hits an obstacle, it pivots to the rear causing additional lift so the tool can pass over the obstacle more easily. Once past the obstacle, the machine returns to work position automatically.

Operating comfort and simplicity

It is easy to control all machine functions with the control box in the tractor cab. It is a simple, user-friendly terminal which provides a practical working environment, as well as facilitates headland management.

Lighter, more compact, low power requirement depending on conditions

The weight of the GMD 9530 RV is similar to a finger mower conditioner of the same width (FC 9530). The swathing augers are close to the tractor, making the machine more compact with less weight on the tractor. In most conditions, the power requirement is limited so 200 hp tractors can be used. However, more power may be required in dense, heavy fodder.

Choosing a front machine to combine with the GMD 9530 RV

Although the GMD 9530 RV doesn't have a conditioning system, the choice of front tool is not obvious. It can as easily be combined with a mower conditioner as with a non-conditioning mower. Opting for a front GMD with no conditioning feature is a coherent choice to keep the weight and power requirement down. Nevertheless, this combination tends to deliver the stalks of the crop longways into the swath which makes them more difficult to pick up, especially in long and stalky fodder. This rarely happens with a mower conditioner (FC), however, as it causes the strands to mix when delivered in the swath, making them easier to pick up.

Technical specifications

	GMD 9530 RV
Working width (m) - In combination with a front unit	9.53 - 9.13 depending on the overlap selected
Transport width (m)	2.95
Transport height (m)	3.92
Overlap (cm) with front mower	30-50 (3.10 m front unit) / 50-70 (3.50 m front unit)
Cutter bar	OPTIDISC ELITE
Number of discs with heat-treated steel protective skids	2 x 8
Disc skid lining	◆ 2 x 2
Knife fastening	◆ FAST-FIT knife release system
Mowing height range with standard skids (mm)	30 - 65
Ground adaptation	Pendulum type articulation
Suspension	LIFT-CONTROL oleo-pneumatic suspension
Safety	Non-Stop safety
Headland turn position	By integrated hydraulic device. Simultaneous or separate right/left lift via a control box. ◆
Fodder delivery	To choose from: flat delivery (swathing units raised), grouped delivery (swath width 1.50 to 2.00 m), depending on position of mowing units and fodder type. Delivery with one side raised (18.00 m cut delivered on 12.00 m for pick-up by a 4-rotor rake).
Hitch	3-point - Cat. 3
PTO speed (rpm)	1,000
Auger speed (rpm) and diameter (mm)	900 and Ø 500
Wear lining on augers	◆ Hardox wearing part
Drive of the mowing units and swathing augers	By cardan with cam-type cut-out clutch and drive shaft with shear bolt
Free wheel	◆ In the side gearboxes
Minimum PTO power requirement (kW/hp) for the 3-unit combination, approx.	147.1 / 200 (depending on the type of fodder)
Necessary tractor hydraulic equipment	2 DA - Also plan equipment necessary for the front unit
Necessary tractor electrical equipment	1 7-pin socket and 1 ISO 3-pin socket
Rear lighting and signalling	◆
Weight (kg) approx.	3,300

◆ as standard

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