Rear Mounted Quad Disc Mower

GMD 15030





GO BIG. MOW BIGGER.

KUHN SETS A NEW BENCHMARK FOR MOWER PERFORMANCE WITH THE GMD 15030, COMBINING INDUSTRY-LEADING WIDTH WITH PRACTICAL DESIGN. ENGINEERED FOR HIGH-DEMAND OPERATIONS, IT MAXIMIZES FIELD PRODUCTIVITY WHILE MAINTAINING CONSISTENT, HIGH-QUALITY CUTTING. DESPITE ITS SCALE, THE MACHINE FOLDS EFFICIENTLY INTO A COMPACT CONFIGURATION, ENSURING SAFE AND CONVENIENT TRANSPORT BETWEEN FIELDS.







WIDE WIDTH, SAFE TRANSPORT
Its unique four-cutterbar design—synchronized by a central patented gearbox—ensures smooth, uniform cutting at full width. When finished, it folds to 9'10" (3.0 m) for safe and impressively compact transport.

PRECISE CUT, LOW MAINTENANCE
Four heavy-duty Optidisc® Elite cutterbars deliver the cleanest cut in all crop conditions thanks to differential disc spacing and a narrow, fully welded profile. With zero-oil change intervals and Protectadrive® disc bearing stations, producers gain superior durability, lower maintenance costs, and maximum uptime in the field.

Model	Working Width	Transport Width	HP Requirement
GMD 15030	47'7" (13.5 m)	9'10" (3.0 m)	230 hp (167 kW)

Summary

GMD 15030 ..... **4-7**

Specifications **8**

GMD 15030

THE LARGEST DISC MOWER ON THE MARKET

The KUHN GMD 15030 rear mounted quad mower brings unmatched mowing capacity to the field, delivering a bold blend of sheer width and surprising agility. As the widest mounted disc mower available, its expansive 47'7" (14.5 m) working width boosts productivity by up to 50% over traditional triple mower combinations, making it an ideal choice for large hay and forage operations looking to cover more acres in less time. When paired with a front mower, it can cut up to 49 acres per hour at typical operating speeds. Despite its enormous reach, the GMD 15030 is engineered for exceptional maneuverability, performing smoothly across varied terrain thanks to its synchronized cutterbars and independent articulation systems.





The KUHN exclusive folding mechanism allows the cutterbars to fold back at an angle of almost 180°, allowing a remarkably narrow transport with a width less than 9'10" (3 m) wide and a height under 12'4" (3.8 m). This intelligent design makes road travel easier and safer, providing comfort and efficiency with a machine that is easy to move and quick to set up.





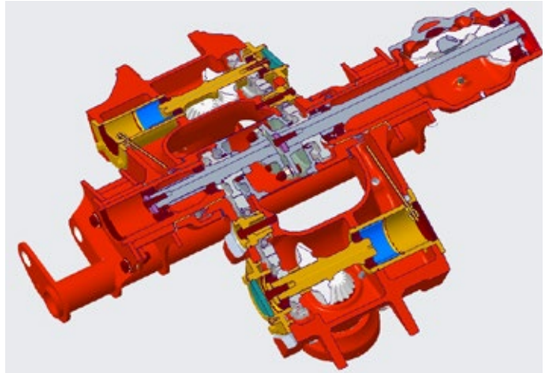






KUHN'S COMMITMENT TO QUALITY

The GMD 15030 reaffirms KUHN's commitment to providing robust, innovative solutions tailored to the needs today's modern producer. It combines technology, user-comfort and performance to meet the current and future challenges in agriculture. With its 100% mechanical drive and patented folding system, the GMD 15030 ensures maximum reliability and exceptional compactness during transport.



PATENTED

MECHANICAL DRIVE AND PATENTED HOUSING

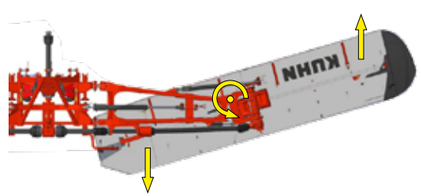
The fully mechanical drive ensures optimum reliability and consistent performances. Both sides are equipped with friction clutches that protect the components by safeguarding the cutter bars against overload. The patented multifunction housing not only enables cutterbar drive and synchronization, but also allows them to fold back to almost 180°, contributing to making the whole machine very compact. No matter the position, synchronization remains active, so the cutterbars can move independently, from -4° to +6°for excellent ground following while maintaining an effective overlap between the discs.

HYDRAULIC SUSPENSION FOR OPTIMUM GROUND FOLLOWING

The Lift-Control hydropneumatic suspension and non-stop safety breakaway systems have been specially adapted to this machine so that it can pivot to avoid obstacles in the middle or the outside of the machine. A patented cylinder is positioned between the two cutter bars to ensure that ground pressure is even across the entire working width.







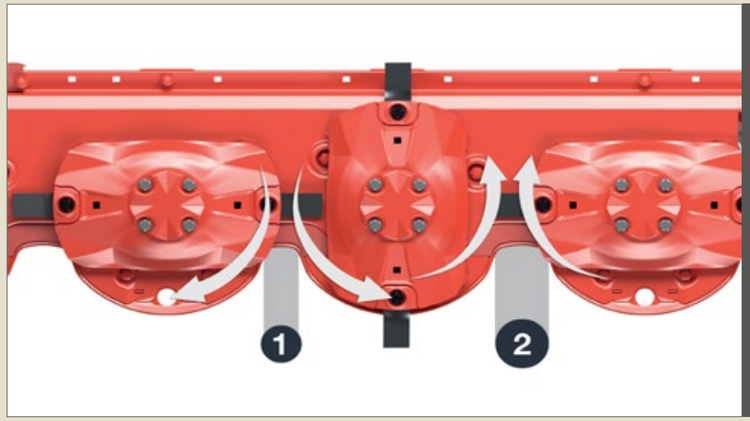
GMD 15030

A CLEAN & CONSISTENT CUT

The four Optidisc® Elite cutterbars on the GMD 15030 provide the perfect combination of KUHN engineering and farmer feedback, providing smart, efficient solutions for large-scale hay and forage operations. Together, they produce a clean, consistent cut across the full working width while maintaining excellent reliability and smooth operation. Designed with operator comfort and productivity in mind, this system ensures high-quality results pass after pass.

The Optidisc Elite cutterbar features:

- A low profile to improve cut quality in difficult conditions while also reducing dirt and ash incorporation
- Fast-Fit® knives that provide longer knife life with the ability to rotate 360 degrees to achieve a higher quality cut
- A low maintenance lubed-for-life design that lasts longer due to disc skids, wear plates and liners
- No routine oil changes required

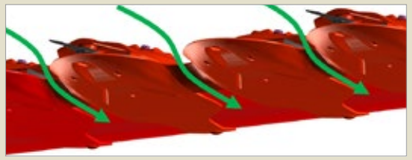


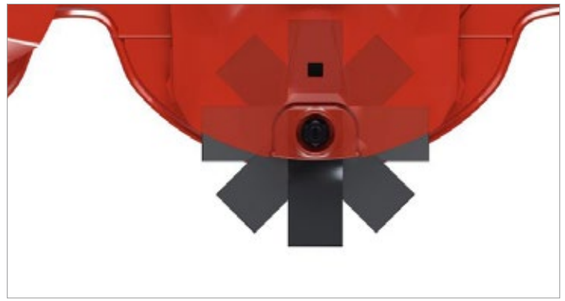
OPTIDISC ELITE CROP CONTROL

The innovative design offers exclusive differential disc spacing. Narrower spacing at **diverging discs (1)** provide greater knife overlap for cleaner cutting. Wider spacing at **converging discs (2)** provides greater capacity and higher throughput.

PROTECTIVE SKIDS

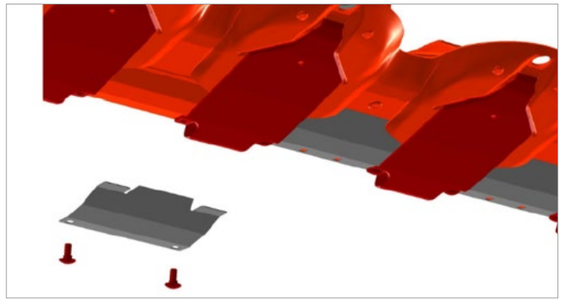
Sticky crop conditions may cause some soil to accumulate in front of the cutterbar – but not with Optidisc Elite! Its skids are designed to improve sliding and protect the crop stubble, therefore ensuring high-quality forage in difficult conditions.





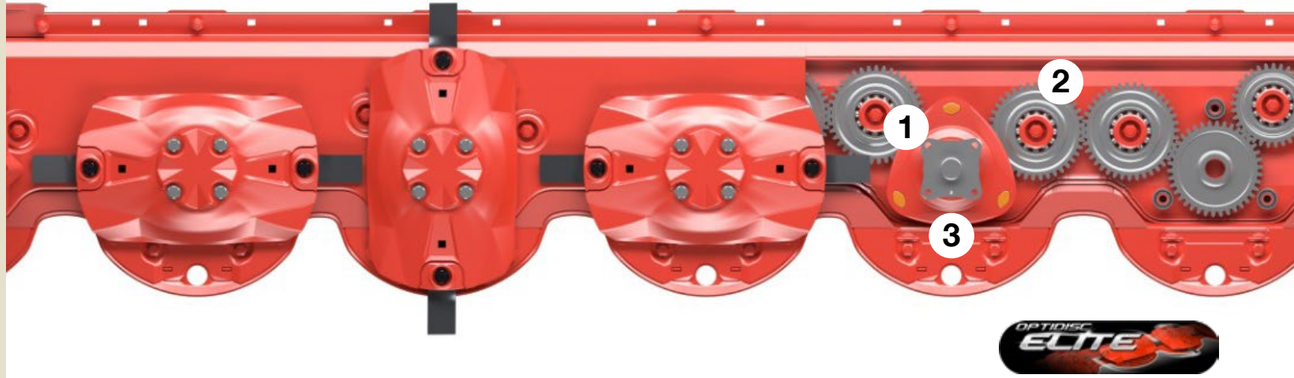
FAST-FIT® KNIVES

Fast-Fit allows quick changing of knives with the use of a simple tool, while providing the optimum cut quality and knife life. The knives on the Optidisc Elite cutterbar rotate 360 degrees to help you achieve a higher quality cut. Fast-Fit knives also have a longer life. With Fast-Fit, you can achieve up to 50% time savings.



DISC SKIDS, WEAR PLATES AND LINERS

The disc skid, wear plates and liners are designed to prevent soil and plant material from getting caught in the cutterbar. These plates protect the underside of the cutterbar in the area between disc skids extending the life of the machine while also reducing maintenance costs.



HIGH-END COMPONENTS: ELITE CUTTING PERFORMANCE

The disc bearing stations are fitted with ❶ double-row angular ball bearings, ❷ large-diameter gears made of forged steel with high machining precision and cutterbar protection with the ❸ Protectadrive® disc bearing station if an obstacle is struck in the field.



ULTIMATE PROTECTION

Externally removable Protectadrive® disc bearing stations provide maximum reliability and quick service. They protect the cutterbar from damage if a major obstacle is struck in the field. The machined shaft guarantees a constant shear value to prevent nuisance shears or non-shearing, unlike others in the market.



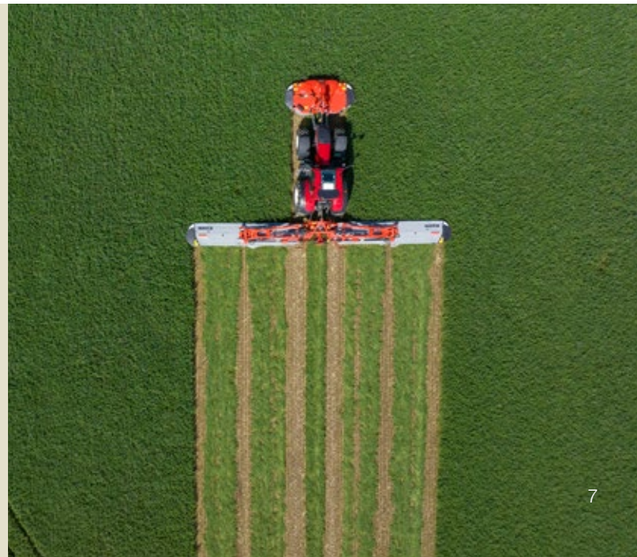
EXTRA RIGIDITY WHERE IT COUNTS

Disc bearing stations are attached by bolts that pass through the entire cutterbar. This is an exceptionally strong and secure attachment with no risk of a mount being torn out of the cutterbar in case of shocks. The disc drive pinion is held precisely in place, all resulting in excellent reliability and reduced maintenance costs.



FLEXPROTECT SIDE SHIELDS

On encountering an obstacle, KUHN FlexProtect sides, made of polythene, bend without breaking to help prevent damage to the mower. After the obstacle's passage, the material automatically returns back to its original shape.



GMD 15030

MACHINE CONTROL AND OPERATING COMFORT

The GMD 15030 is designed for easy handling and user-friendliness. It is controlled via the KFA 12 in-cab control box, as standard. For those who want to benefit from advanced features, it can be fitted with an ISOBUS Mower Control kit. This makes it possible to use automated functions such as headland sequences or section control, making it even easier to operate. The control interface has been designed to be ergonomic, accessible, and easy to operate, for any user.

Choice of control systems between the KFA 12 and the ISOBUS Mower Control kit
(available in 2028)



Technical specifications

	GMD 15030
Working width	47'7" (14.5 m)
Transport width	9'10" (3.0 m)
Transport height	12'4" (3.8 m)
Overlap with a front mower	18.1" (46 cm) - GMD 3125 F/ 25.9" (66 cm) - GMD 3525 F
Cutterbar	Optidisc® Elite
Number of discs	4 x 7
Number of flat discs	4 x 5
Blade retention system	Fast-Fit®
Removable Protectadrive® disc bearing stations	Standard
Hydraulic lift mechanism	Standard
Cutterbar suspension	Lift-Control® hydropneumatic
Cutting height	1.2" - 2.6" (30 - 65 mm)
Suspension travel	Pendulum-type articulation -4° / +6° articulation between the two cutter bars
Safety breakaway system	Non-Stop Hydraulic
Headland turn position	Integrated hydraulics (Simultaneous or separate left/right unit lift with the control box)
Average swath width	8'6" (2.6 m) per cutterhead
Hitch	3-point, Cat 3 quick hitch compatible, Cat 4N with optional pins
Primary PTO	1-3/4" - 20-spline
PTO speed	1,000 rpm
Friction slip clutch	Standard
Free wheel	Standard, integrated into lateral gearbox
Minimum PTO power requirement	230 hp (167 kW)
Control box	KFA 12 or ISOBUS terminal
Required tractor hydraulic connections	1 SA + 1 DA (KFA12 control box) 1 pressure + 1 free return + 1 load sense (ISOBUS)
Required tractor electrical connections	(1) 7-pin plug
Road lights and signalling - front & rear	Standard
Machine weight approx.	8,380 lbs (3,800 kg)

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