



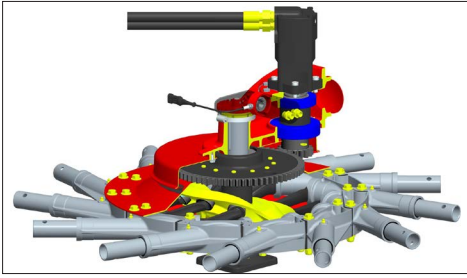
Quad-Rotor Rotary Rakes GA 13231 & 15231

PRODUCT INFORMATION



KUHN's quad-rotor rotary rakes have the size and performance for even the most demanding operations. Working widths from 27'7" to 48'3" cover large areas quickly, while double-bent tine arms create fluffy windrows while gently handling crop, preserving nutrient content. KUHN's Masterdrive® GIII double-reduction gearbox's ability to move heavy wet crop, handle dry hay gently, and neatly windrow forage is unrivaled in the industry. KUHN GA 13231 and GA 15231 quad-rotor rotary rakes reduce maintenance costs due to their comprehensive list of innovative features, including the hydraulic rotor drive. These rakes are easy to operate and adjust. All settings are made hydraulically from the tractor seat via the ISOBUS monitor.

QUAD-ROTOR ROTARY RAKES GA 13231 & 15231



Masterdrive GIII Gearbox

The patented KUHN Masterdrive GIII double-reduction gearbox is designed for heavy crops, tough field conditions, and intensive use. Key components have been improved to build lighter, yet stronger rotors. With no gearbox to maintain or drive shaft to grease, maintenance time is greatly reduced.



Tine Arm Design

Hyper-tangential, double-curved tine arms are designed to form fluffy and consistent windrows for superior raking quality. The tine arm design allows for quicker dispensing of the forage and improves clearance while forming windrows. Fluffy windrows allow more air movement through the crop promoting fast and uniform drying.



Exclusive "Boost" Function

From the ISOBUS monitor, the rotation speed of the front rotors can be increased by 20% compared to the rear rotors. The boost function projects the forage toward the center of the machine, spreading the forage across the width of the rear rotor. This puts less stress on the rear rotor, allowing them to create a fluffy and uniform windrow. This is ideal for perfecting the forage drying process.

Technical specifications

	GA 13231	GA 15231
Working width DIN	27'7" - 41' (8.4 - 12.5 m)	31'2" - 48'3" (9.5 - 14.7 m)
Windrow width	4'7" - 7'10" (1.4 - 2.4 m)	4'7" - 8'2" (1.4 - 2.5 m)
Transport width	9'10" (3.0 m)	
Length	32'8" (10.0 m)	35'9" (10.9 m)
Transport height	12'11" (3.9 m)	13'1" (4.0 m)
Number of rotors	4	
Rotor diameter	10'6" (3.2 m)	2 x 12'4" (3.8 m) and 2 x 13'1" (4.0 m)
Number of tine arms	Fixed, 11 in front, 12 on rear	Fixed, 13 in front, 15 on rear
Fully enclosed gearbox	Masterdrive GIII	
Ground adaptation	3D suspension	
Working height adjustment	Standard from the cab via ISOBUS	
Rotor flotation	Constant hydraulic suspension, automatically adjusted according to the working width (standard on front rotors)	
Individual working width adjustment of the front rotors	Standard	
Spare rotor wheel	2 as standard	
Transport tires	500/60-22.5	600/50R-22.5
Machine control	Via ISOBUS terminal	
Rotor drive	Self-contained hydraulic	
PTO speed	1,000 rpm	
Hitch	2-point, Cat. 2 and 3N	
Minimum PTO power requirement	95 hp (70 kW)	114 hp (85 kW)
Required tractor hydraulic connections	LS connection: 1 x 9 pressure, 1 x free return, 1 x load sensing	
Required tractor electrical connections	1 x 7 pin light connection, ISOBUS plug, 12V power	
Machine net weight approx.	11,355 lbs (5,150 kg)	13,670 lbs (6,200 kg)
Brakes	Hydraulic	

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Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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