



SpeedRake® Wheel Rakes
SR 100 GII / SR 300 / SR 600 GII / SR 800 SERIES



SIMPLY INNOVATIVE

FROM SMALL FARMS TO LARGE CUSTOM OPERATORS, THERE IS A KUHN WHEEL RAKE TO FIT EVERY OPERATION. THESE WHEEL RAKES OFFER STANDARD V-TYPE RAKING AND SINGLE-SIDE RAKING TO BEST FIT YOUR SPECIFIC CROP AND FIELD CONDITIONS. KUHN RAKES ARE AN EFFICIENT, ECONOMICAL SOLUTION TO HELP YOU PRODUCE HIGH-QUALITY FORAGE.



RUGGED DESIGN

A clean and simple design, high-strength materials and high-quality components make KUHN wheel rakes the most dependable, longest-lasting wheel rakes on the market.

EASY TO USE

The uncomplicated design and quick, easy adjustments keep you in the field raking. Consistent raking and neat, clean windrows form the ideal combination of efficiency and quality raking performance.

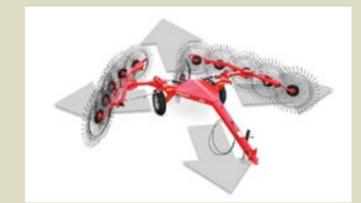
Models	Max Working Width	Min - Max Range	Horsepower Requirement
SR 108 GII	18'10" (5.7 m)	3' – 7' (0.9 – 2.1 m)	20 hp (15 kW)
SR 110 GII	21'2" (6.5 m)	3' – 7' (0.9 – 2.1 m)	20 hp (15 kW)
SR 112 GII	23'4" (7.1 m)	3' – 7' (0.9 – 2.1 m)	30 hp (22 kW)
SR 310	20'10" (6.4 m)	3' – 6' (0.9 – 1.9 m)	20 hp (15 kW)
SR 312	24'2" (7.4 m)	3' – 6' (0.9 – 1.9 m)	30 hp (22 kW)
SR 314	28' (8.5 m)	3' – 6' (0.9 – 1.9 m)	35 hp (26 kW)
SR 612 GII	25' (7.6 m)	3' – 6' (0.9 – 1.9 m)	30 hp (22 kW)
SR 614 GII	28' (8.5 m)	3' – 6' (0.9 – 1.9 m)	35 hp (26 kW)
SR 616 GII	31' (9.4 m)	3' – 6' (0.9 – 1.9 m)	40 hp (30 kW)
SR 800 17-Wheel	27' (8.2 m)	4' – 6' (1.2 – 1.9 m)	80 hp (60 kW)
SR 800 19-Wheel	29' 6" (9 m)	4' – 6' (1.2 – 1.9 m)	80 hp (60 kW)

Summary

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FAST AND EFFECTIVE RAKING



STRAIGHTFORWARD, EASY OPERATION

The ground-driven design means no matching PTO speed to ground speed. These machines quickly and easily transition between transport and working positions. They also have simple adjustments to best fit crop and field conditions.

COMPLETE WINDROW WIDTH CONTROL

Many models offer the ability to adjust the windrow width independent of the raking width. This provides the ultimate control in adjusting the raking width and angle for different crop and field conditions while tailoring the windrow width to match your harvesting needs.

HIGH-CAPACITY RAKING

Raised frames, high-clearance rake arms and progressive suspension provide unmatched capacity. This results in uniform crop flow, which is essential for clean raking and neatly-formed windrows.

CLEAN RAKING

All models offer the ability to optimize rake wheel suspension to best match your specific crop and field conditions. Rake wheels adapt to changing speed and terrain for cleaner, more consistent raking. This helps to minimize soil disturbance and maximize high-quality hay production.

LOW HORSEPOWER REQUIREMENT

KUHN wheel rakes feature a simple, ground-driven design, making operation simple. As a result, they can be operated with smaller, lower horsepower tractors.

TAILOR TO YOUR OPERATION

With eleven models to choose from and a variety of available options, there is a wheel rake to meet the diverse needs of your operation.



CUSTOMERS SHARE THEIR EXPERIENCE

KUHN WHEEL RAKES ARE USED THROUGHOUT THE US AND CANADA, ON A WIDE VARIETY OF OPERATIONS.



BRANDON ELKINS

JONESVILLE, VIRGINIA

"I recently purchased a KUHN SR 108 GII SpeedRake® wheel rake, because working in the fields, time is money. One of the best purchases I've ever made. Definitely cut my raking time in half. Looked at a couple different brands before I purchased, but I like the quality of KUHN equipment!"



BRANDON CORBIN

BELLE VALLÉE, ONTARIO

"I was renting a rake and having to do repairs yearly. I decided it was time to invest in my own, and the KUHN SR 110 GII SpeedRake® wheel rake was the only choice for me – extremely simple, yet built to last forever. I added the optional tandem wheel setup for better flotation on rough terrain, giving me even better performance. It's the only piece of equipment I have ever bought new in my short time as a young farmer, and I'm very proud of owning such quality!"



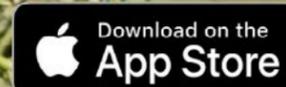
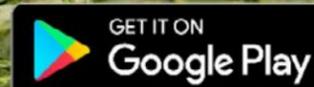
GAGE BISCHOFF

CONNERSVILLE, INDIANA

"I was shopping around for a while looking for a new rake. I felt that the KUHN SR 112 GII SpeedRake® wheel rake was the best built and best value for my money. After I purchased it, I was not let down. I just finished my third season with it and I love it. It will rake any crop I have tried it on with ease. The KUHN SR 112 does an amazing job every time!"

KUHN ForageXpert

This application is available to help you find mowers, mower conditioners, tedders, rakes and merger combinations to best meet the needs of your operation. It will allow you to optimize your forage harvesting needs according to your current or future equipment purchases.



PREMIUM PERFORMANCE

Since the first introduction, the SpeedRake® name has been recognized for quality. The SR 100 GII has taken that reputation even further, combining the proven quality, reliability and simplicity that our customers expect, with next level features to excel even further beyond the competition. Refined styling, high-strength materials and premium options deliver the most value for your equipment dollars.



PATENTED LIFT DESIGN

The patented rake wheel lift orientation raises the front wheels first when activating the hydraulic valve. When raking into a headland, it allows the windrow to form completely, rather than leaving small, separate windrows, similar to what is found when raking with competitive models.



ADJUSTABLE SPRING SUSPENSION

The large flotation coil springs are positioned horizontally on the back of the frame and are protected during work. The coil springs provide uniform floatation over field contours.



RAKING SIDE ADJUSTMENT

An easy-to-adjust handle saves you time when going back and forth from distant fields. Three adjustment positions include transport, right-side only raking and standard, full-width raking.



RAKE ARM FLOTATION

The built-in mechanical rake arm float slot eliminates the requirement for the hydraulic float to be engaged on the tractor. The rake arms easily adapt to irregular field conditions.



INDEPENDENT WINDROW WIDTH ADJUSTMENT

The windrow width can be adjusted independently from the overall raking width. This allows you to tailor to specific volumes of crop or to match differing pickup widths. You can also rake at a steeper angle in heavier crops and maintain a narrow width or rake at a flatter angle in thinner crops and form a wider windrow.



EASY TRANSPORT

Put your mind at ease while traveling between fields:

- When raised for transport, the rake beams fold flat and over center to provide excellent stability.
- The link rods rotate the beams and provide additional support for the rake in transport position.
- Arms positioned over center provide the narrowest transport width possible.



MAXIMUM HARVEST PRODUCTIVITY

THE BEST OF BOTH WORLDS

These machines combine the exceptional transportability of the SR 100 GII Series and the high-capacity of the SR 600 GII Series. The unique hybrid design of the SR 300 Series offers exceptional simplicity and high clearance, allowing you to tailor the machine perfectly to the needs of your operation. Working width is controlled hydraulically from the tractor seat for rapid adaptation in varying field and crop conditions.



CONVENIENT WINDROW WIDTH ADJUSTMENT

The windrow width can be quickly and conveniently adjusted by changing the working angle of the last two raking wheels on each side (last three raking wheels on the SR 314), independently from the raking width adjustment. This easy adjustment provides variable windrow widths with minimal angle change for a more gentle crop flow.



HIGH-VOLUME CAPACITY

Specially curved rake wheel arms provide high capacity for uniform crop flow and neatly formed windrows. The design offers outstanding clearance when crossing over windrows or moving between fields, as the rake wheels can be lifted up to 21" (53 cm).



CANTILEVER RAKE BEAMS

Rake closer to fences, irrigation borders and other obstacles as a result of the cantilever rake beams. They allow the rake wheels to closely follow ground contours without the need for caster wheels. The hydraulically controlled beams telescope in and out, allowing on-the-go raking width adjustment.



INDEPENDENT RAKE WHEEL SUSPENSION

Individually floating rake wheels are mounted on spring-suspended arms and can be adjusted independently from front to back. This reduces soil disturbance, providing cleaner raking and resulting in higher-quality hay.



RAKE WHEEL LOCKOUT

The front two and back two rake wheels (the back three rake wheels on the SR 314) can be locked out to adapt to specific situations. Handle heavier crop conditions more effectively by locking up the front wheels. Produce a wider windrow or turn two windrows at once without combining them by locking the rear wheels.



EXPANDABLE FRAME

The expandable frame makes it easy to convert a base 10-wheel model to a 12-wheel model.

Note: The SR 312 cannot be converted to a 14-wheel model.



SPEEDRAKE® WHEEL RAKES SR 600 GII SERIES

HIGH CAPACITY MEETS SUPERIOR PERFORMANCE

The innovative design of the SR 600 GII provides unparalleled maneuverability on the road and in the field. This rake can turn on a dime! The SR 600 GII Series rakes provide clean raking while preserving crop stubble, as well as optimized windrow formation, for a total package that offers the ultimate combination of productivity and quality performance.

SMOOTH OPERATION

Standard offset rear tandem axles pivot up and down 20° for increased flotation to smooth the effects of rough terrain on the rake chassis. They also improve stability and tracking on hillsides. Front caster wheels provide added strength and durability to withstand difficult field conditions, particularly when ruts, holes and washouts are common.

CLEAN RAKING

Individually floating rake wheels with long-travel rake suspension springs help ensure more uniform ground pressure throughout the range of flotation. This results in cleaner raking while preserving crop stubble.



HIGH-CAPACITY CROP HANDLING

Crop-driven wheels allow for higher raking speeds with no need to match PTO speed to ground speed. Rake wheels mounted in front of the wheel frame allow for uniform crop flow and neatly formed windrows, even when raking high volumes of crop. Standard windguards improve crop flow along the wheels for a more uniform windrow. They also reduce wrapping in difficult conditions, such as tall, stemmy crops and corn stalks.

COMPACT, HIGHLY MANEUVERABLE DESIGN

The unique, innovative unfolding system moves the rear wheels forward as the rake opens, reducing the overall length of the rake by up to 7' (2.1 m). The shorter wheelbase improves maneuverability, allowing shorter turns on headlands for improved efficiency and productivity. This also provides easier turning and smoother operation while raking around corners.

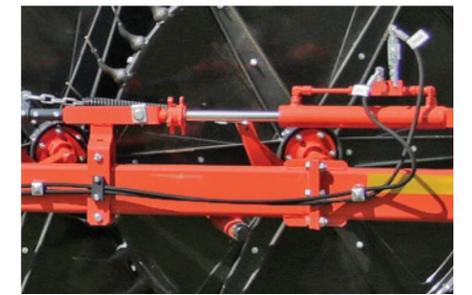
EASY WINDROW WIDTH ADJUSTMENT

The windrow width can be quickly and conveniently adjusted by changing the working angle of the last two raking wheels on each side, independently from the raking width adjustment. This easy adjustment provides variable windrow widths, from 3' to 6' (0.9 to 1.8 m), with minimal angle change as compared to competitive models that only adjust one wheel on each side. This helps ensure gentle crop flow over the range of windrow widths.



HEAVY-DUTY FRAME WITH 60" (1.5 M) RAKE WHEELS

The 60" (1.5 m) rake wheels are built from heavy-duty steel to ensure a long service life. Windguards and rubber tines ensure a smooth crop flow and uniform windrow. The tines are flexible, yet tough enough to pick up long or wet crop without incorporating an excessive amount of dirt or ash into the windrow.



GROUND PRESSURE ADJUSTMENT

A tool-free adjustable, single-point stop on the right and left sides increases or decreases the machine's ground pressure. It also puts the operator in control to adjust the ground pressure based on crop volume and condition.

SPEEDRAKE® WHEEL RAKES SR 800 SERIES

FITS ANY TYPE OF OPERATION

The SR 800 Series wheel rakes are the latest to join KUHN's highly trusted rake lineup. The simple folding design of the SR 800 allows the operator to extend the frame and angle the rake beam to match a variety of mower widths and windrow styles. The ground pressure on the rake wheels can be easily adjusted on each beam to get the best crop pickup for a clean field.



EXPANDABLE DESIGN

When used with the optional extension kit, operators can easily expand the rake beams from 17 to 19 wheels to achieve a wider working width in the field.



STANDARD TANDEM AXLE AND WINDGUARDS

Tandem axles provide improved performance in difficult field and crop conditions. The windguards provide notable raking performance benefits, helping ensure a smoother crop flow and a more uniform windrow than wheel rakes without windguards.



RAKE WHEEL ANGLE

All of the rake wheels are angled 8.7° allowing the crop to be lifted off of the ground and flow easily from wheel to wheel to create a uniform, fluffy windrow.

OPTIONAL EQUIPMENT



TANDEM AXLES

The tandem axles pivot up and down, and are ideal for smooth and stable operation over difficult terrain. They work well going through pivot tracks or flood irrigation borders.

*Optional: All SR 100, 310 and 312 models.
Standard: SR 314, SR 600 GII and SR 800 models.*



KICKER / SPLITTER WHEEL KIT

An optional 55" (1.4 m) center kicker wheel is available on the SR 100 GII Series. The SR 300 and SR 600 GII Series have optional v-type splitter wheels available. Both kicker and splitter wheel options provide excellent ground coverage to ensure that all hay has been moved, providing a more complete pickup. All wheels are hydraulically raised and lowered with the main wheels and can be easily locked out when not needed.



ROAD LIGHTS AND SIGNALING

Highway lights provide additional safety when transporting the machines on the road.



WINDGUARDS

Windguards improve crop flow along the wheels for a more uniform windrow. The durable, HDPE guards are UV stable and improve raking performance in windy conditions. They also reduce wrapping in difficult conditions, such as tall, stemmy crops and corn stalks. Windguards are sold in sets of two, with one required per raking wheel. They are standard on SR 314 and all SR 600 GII and SR 800 models.



ADJUSTABLE CLEVIS OR BALL HITCH

A clevis hitch comes standard with all models. A ball hitch is optional.

MODEL SPECIFIC OPTIONS

SR 300



RAKING WHEEL AND HITCH EXTENSION

The SR 300 10-wheel model can be converted to a 12-wheel model with the Raking Wheel and Hitch Extension Kit. This kit can easily be installed in the field.

Note: The SR 312 cannot be converted to a 14-wheel model.

SR 600 GII



RAKING WHEEL EXTENSION

The SR 600 GII can be converted from a 12-wheel model to a 14-wheel model, and a 14-wheel model to a 16-wheel model. These options can easily be installed in the field for maximum adaptability.



HITCH EXTENSION

In order to convert SR 600 GII from a 14-wheel model to a 16-wheel model, a hitch extension must be installed, along with the Raking Wheel Extension Kit. The hitch extension can also be used on 14-wheel models if you need to accommodate tractors with longer wheel bases.



INTERMEDIATE CASTER WHEEL

This bolt-on option provides additional support and more positive raking when crossing difficult terrain like holes, ditches, ruts or irrigation pivot tracks. This option is standard on SR 614 and 616 models. It is optional on the SR 612 model.

SR 800



IN-CAB ELECTRONIC CONTROL BOX

With only one hydraulic valve, users are able to fold and unfold the rake, raise and lower the rake wheels, and adjust the beam angle to get the desired working width while never having to leave the comfort of the tractor.

Technical Specifications											
	SR 108 GII	SR 110 GII	SR 112 GII	SR 310	SR 312	SR 314	SR 612 GII	SR 614 GII	SR 616 GII	SR 800 17 WHEEL	SR 800 19 WHEEL
Minimum working width	15'10" (4.8 m)	16'11" (5.2 m)	18'9" (5.7 m)	16'8" (5.1 m)	18'10" (5.7 m)	21' (6.4 m)	20' (6.1 m)	22' (6.7 m)	24' (7.3 m)	10' (3.1 m)	10' (3.1 m)
Maximum working width	18'10" (5.7 m)	21'2" (6.5 m)	23'4" (7.1 m)	20'10" (6.3 m)	24'2" (7.4 m)	28' (8.5 m)	25' (7.6 m)	28' (8.5 m)	31' (9.5 m)	27' (8.2 m)	29'6" (9.0 m)
Number of rake wheels	8	10	12	10	12	14	12	14	16	17	19
Rake wheel bearings	Tapered roller bearings with grease zerk			Tapered roller bearings with grease zerk		Tapered roller bearings with grease zerk	Tapered roller bearings with grease zerk			Tapered roller bearings with grease zerk	
Center kicker wheel	Optional 55" (1.4 m) wheel			Optional V-type splitter wheels— not recommended for long-stemmed hay		Optional V-type splitter wheels—not recommended for long-stemmed hay	Optional V-type splitter wheels— not recommended for long-stemmed hay			-	
Rake wheel diameter	55" (1.4 m)			55" (1.4 m)		55" (1.4 m)	55" (1.4 m)			60" (1.5 m)	
Tine diameter	9/32" (7 mm)			9/32" (7 mm)		9/32" (7.1 mm)	9/32" (7.1 mm)			-	
Tine sets per wheel	40			40		40	40			36 (18 pairs)	
Rake wheel mounting	Studs			Studs		Studs	Studs			Bolts	
Rake wheel lift	Hydraulic			Hydraulic		Hydraulic	Hydraulic			Hydraulic	
Rake wheel ground pressure	Right and left side independent adjustable spring suspension			Right and left side independent adjustable spring suspension		Right and left side independent adjustable spring suspension	Right and left side independent adjustable spring suspension			Right and left side independent adjustable spring suspension	
Safety chain	Optional			Optional		Optional	Optional			Optional	
Transport wheels and tires	ST 205 / 75 D-15"			ST 205 / 75 D-15 (single and tandem axle)		ST 205 / 75 D-15 (single and tandem axle)	7.6L - 15			9.5L - 15, 8-ply rating	
Tread width	6'6" (1.99 m)		7'4" (2.25m)	Adjustable, 6'6" - 7'3" (1.99 m - 2.22 m)		Adjustable, 6'6" - 7'3" (1.99 m - 2.22 m)	10' (3.05 m)			12'4" (3.8 m)	
Single axle	Standard			Standard		Standard	Standard			-	
Tandem axle	Optional			Optional		Standard	Standard			Standard	
Minimum windrow width	3' (0.9 m)			3' (0.9 m)		3' (0.9 m)	3' (0.9 m)			4' (1.2 m)	
Maximum windrow width	7' (2.1 m)			6' (1.8 m)		6' (1.8 m)	6' (1.8 m)			6' (1.8 m)	
Transport width	8'10" (2.7 m)	8'6" (2.6 m)	9'4" (2.8 m)	9' (2.7 m)		10'10" (3.3 m)	10' (3.1 m)			12'4" (3.8 m)	
Transport length	17'6" (5.3 m)	19'1" (5.6 m)	21'8" (6.6 m)	21'6" (6.6 m)	24'7" (7.5 m)	27' (8.3 m)	31'1" (9.5 m)		33'9" (10.3 m)	28'3" (8.6 m)	32' (9.8 m)
Transport height	8'5" (2.6 m)			6'5" (1.98 m)		6'5" (1.98 m)	6'8" (2.07 m)			8'3" (2.5 m)	
Rake wheel clearance on headlands	>24" (60 cm)			21" (50 cm)		21" (50 cm)	21" (50 cm)			14" (36 cm)	
Single-side raking	Standard			Standard		Standard	Standard			Standard	
Intermediate caster wheel set	-			-		-	Optional	Standard			-
Windguards	Optional			Optional		Standard	Standard			Standard	
Minimum power requirement	20 hp (15 kW)		30 hp (22 kW)	20 hp (15 kW)	30 hp (22 kW)	35 hp (26 kW)	30 hp (22 kW)	35 hp (26 kW)	40 hp (29 kW)	80 hp (60 kW)	
Required tractor hydraulic connections	1 DA			2 DA		2 DA	2 DA			2 DA	
Hitch	Standard clevis (optional 2-5/16" ball hitch)			Standard clevis (optional 2-5/16" ball hitch)		Standard clevis (optional 2-5/16" ball hitch)	Standard clevis (optional 2-5/16" ball hitch)			Drawbar	
Machine weight approx.	1,270 lbs (576 kg)	1,425 lbs (646 kg)	1,624 lbs (736 kg)	2,225 lbs (1,009 kg)	2,440 lbs (1,106 kg)	3,160 lbs (1,143 kg)	4,232 lbs (1,920 kg)	4,476 lbs (2,030 kg)	4,772 lbs (2,165 kg)	6,170 lbs (2,800 kg)	6,574 lbs (2,982 kg)
Rake wheel and frame extension kit	-			Optional, converts machine to SR 312	-	-	Optional, converts machine to SR 614	Optional, converts machine to SR 616	-	-	Standard
Road lights and signaling	Optional			Optional		-	Standard			Standard	



MyKUHNS

THE LINK TO MY SUCCESS

MyKUHNS is your online customer portal where you can access machine operator's manuals, parts catalog and more! The site is available on computer, phone or tablet, so you can access your fleet's information anywhere around the farm. Create an account and register your KUHN equipment today.



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