

Wheel Rakes



SPEEDRAKE®

SR 50 / SR 100 GII / SR 300 / SR 600 GII

www.KuhnNorthAmerica.com



Invest in Quality®

SPEEDRAKE® WHEEL RAKES SR 50 / SR 100 GII / SR 300 / SR 600 GII

VERSATILE, DURABLE AND EFFICIENT

A RAKE FOR EVERY OPERATION

From small farms to large custom operators, there is a Kuhn SpeedRake® 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 SpeedRakes are an efficient, economical solution for your raking needs.

RUGGED DURABILITY

A clean, simple design, high-strength materials and high-quality components make Kuhn SpeedRakes 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.

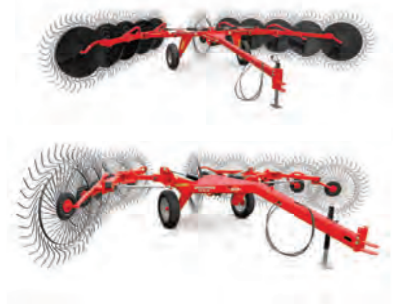
SPEEDRAKE® Wheel Rakes in brief

Models	Maximum Working Width	Min / Max Windrow Width	Horsepower Requirement
SR 50 8-Wheel	18'	3'7" - 8'11"	20 hp
SR 50 10-Wheel	21'4"	3'7" - 8'11"	20 hp
SR 108 GII	18'10"	3' - 7'	20 hp
SR 110 GII	21'2"	3' - 7'	20 hp
SR 112 GII	23'4"	3' - 7'	30 hp
SR 310	20'10"	3' - 6'	20 hp
SR 312	24'2"	3' - 6'	30 hp
SR 314	28'	3' - 6'	35 hp
SR 612 GII	25'	3' - 6'	30 hp
SR 614 GII	28'	3' - 6'	35 hp
SR 616 GII	31'	3' - 6'	40 hp





FAST AND EFFECTIVE HAY 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.



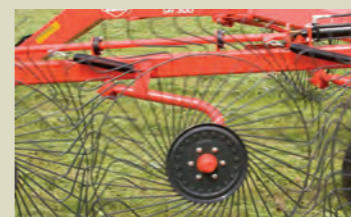
COMPLETE WINDROW WIDTH CONTROL

All larger SpeedRake® 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 SpeedRake 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 SpeedRakes 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 SpeedRake to meet the diverse needs of your operation.



SPEEDRAKE® WHEEL RAKES SR 50

QUALITY AND SIMPLICITY

Ease of Mind

Kuhn is the innovator and leader in the carted wheel rake market because we focus on our customers.

Designed to be the Best on the Market

The SR 50 Series boasts exceptional quality and simplicity for smaller acreage producers not requiring the deluxe features of the SR 100 GII. Maximum working widths range from 15'11" to 21'4", with a standard 8-wheel configuration and an optional extension to make a 10-wheel model gives you a clean swept width.



ADJUSTABLE HITCH

The adjustable hitch design allows more precise matching of different tractor drawbar heights, from 11" to 22". It also results in minimum hang down to help prevent crop wrapping. The design is compatible with a 5/16" ball hitch, available as an option.



FULLY WELDED REAR FRAME

The rear main frame is fully welded for maximum strength and durability. This design helps the SR 50 provide reliable service and long life.



ADJUSTABLE FLOTATION SPRINGS

Large, adjustable flotation leaf springs are positioned on the front of the frame for easy access. The leaf springs provide uniform flotation over field contours and reduce rake wheel wear by decreasing ground pressure. The decreased pressure also results in cleaner raking and is gentler on crop stubble.



STABLE AND RELIABLE DURING TRANSPORT

With a clear focus on stability and reliability, the SR 50 provides producers with peace of mind while traveling on highways, roadways, and in and out of fields. The SR 50 is able to smoothly transition from one field to the next while keeping the center of gravity between the tires.

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 while travelling from field to field.



BUILT-IN FLOTATION SLOTS

Built-in mechanical flotation slots on the end of each cylinder eliminate the need for a tractor with hydraulic float for more economical operation. The slots allow the rake arms to adapt to irregular field conditions.



SIMPLE RAKING ANGLE ADJUSTMENT

Seven laser cut holes provide simple, easy adjustment of the raking angle to produce the ideal windrow for crop and field conditions. The nut and bolt can be quickly removed and repositioned at the desired setting. It is also easy to match the setting on each side.



OPTIONAL KICKER WHEEL

The large optional kicker wheel is the same size as the main rake wheels. It can be easily raised and lower hydraulically from the tractor seat. The large wheel provides increased crop movement, exposing more crop to the sun. This provides more uniform drying and more consistent moisture percentages throughout the harvested crop.



PREMIUM PERFORMANCE

Setting the Standard

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 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.



QUALITY HITCH DESIGN

The hitch design allows for greater adjustment to more precisely match different tractor drawbar heights from 11" to 22". This design also minimizes hang down, preventing the crop from wrapping around the hitch.



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 raking and standard, left- and right-side 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 of the overall raking width. This gives you the ability 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.



PATENTED LIFT DESIGN

When the rake arms are lifted the front wheels lift first, then the rear wheels raise last. This results in properly raked row ends unlike competitive models. Rake arms also lift faster and more smoothly for increased productivity.

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. Keeping with the carted rake design, which offers exceptional simplicity and high clearance, the SR 300 Series allows 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 gentler 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".



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 the 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 can be locked out to adapt to specific situations (the back three rake wheels on the SR 314). 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

HIGH CAPACITY MEETS SUPERIOR PERFORMANCE

The Total Package

The innovative design provides unparalleled maneuverability on the road and in the field. This rake can turn on a dime! The SR 600 GII provides 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 degrees 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.



ULTRA 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'. 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', 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.

OPTIONAL EQUIPMENT

SPEEDRAKE® SR 50 / SR 100 GII / SR 300 / SR 600 GII



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.

Not available on SR 50 models.
Optional: All SR 100, 310 and 312 models.
Standard: SR 314 and SR 600 GII models.



ROAD LIGHTS AND SIGNALING

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



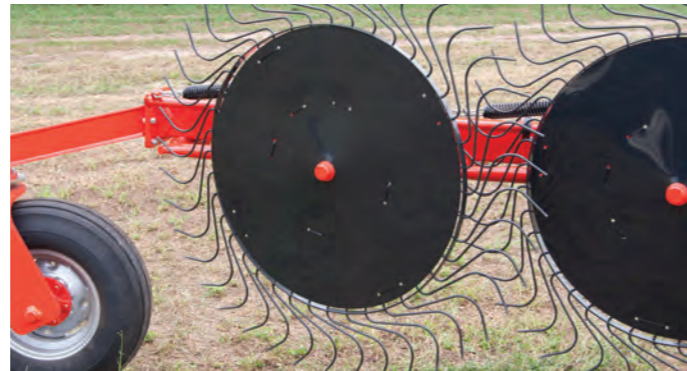
BALL HITCH

A 2 3/16" ball hitch option is available.
Optional on all models.



KICKER / SPLITTER WHEEL KIT

An optional 55" 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 more complete pickup. All are hydraulically raised and lowered with the main wheels and can be easily locked out when not needed.



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 models.

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.



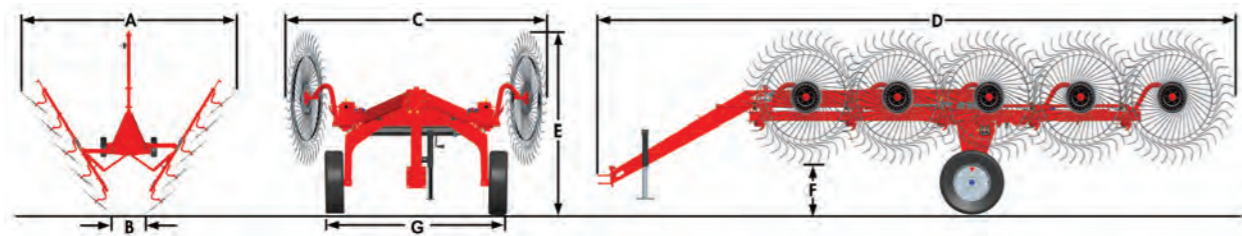
HITCH EXTENSION

In order to convert an 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.

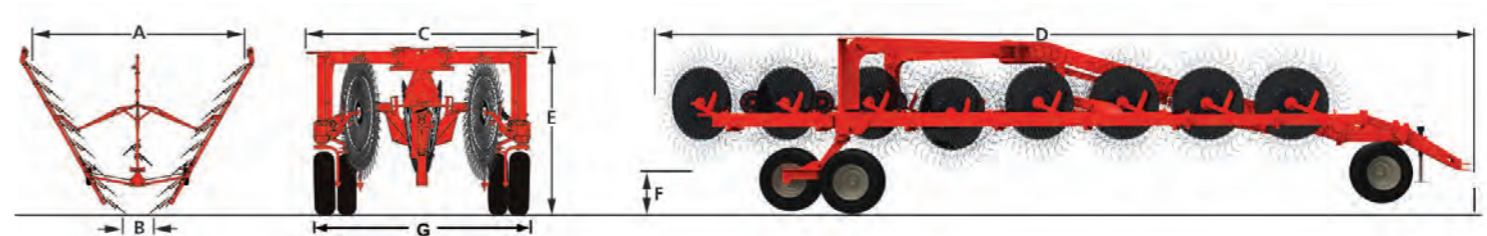


INTERMEDIATE CASTER WHEEL

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 50 / SR 100 GII / SR 300



SR 600 GII

Model Specifications

	SR 50 - 8 WHEEL	SR 50 - 10 WHEEL	SR 108 GII	SR 110 GII	SR 112 GII	SR 310	SR 312	SR 314	SR 612 GII	SR 614 GII	SR 616 GII	
DIMENSIONS												
A – Minimum Working Width ¹	15'11" (4.6 m)	17'7" (5.4 m)	15'10" (4.7 m)	16'11" (4.9 m)	18'9" (5.7 m)	–		–	–	–	–	
Maximum Working Width ¹	18' (5.5 m)	21'4" (6.7 m)	18'10" (5.7 m)	21'2" (6.5 m)	23'4" (7.3 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)	
B – Minimum Windrow Width ¹	3'7" (.9 m)		3' (.9 m)			3' (.9 m)			3' (.9 m)			
Maximum Windrow Width ¹	8'11" (2.4 m)		7' (2.1 m)			6' (1.8 m)			6' (1.8 m)			
C – Transport Width (Single Axle)	9'9" (2.7 m)		8'10" (2.4 m)	8'6" (2.6 m)	9'4" (2.8 m)	9' (2.7 m)		10'10" (3.3 m)	10' (3.1 m)			
D – Transport Length	15'9" (4.6 m)	17'7" (5.2 m)	17'6" (5.3 m)	19'1" (5.3 m)	21'8" (6.6 m)	21'6" (6.6 m)	24'7" (.5 m)	27' (8.3 m)	31'1" (9.5 m)		33'9" (10.3 m)	
E – Maximum Transport Height	8'5" (2.6 m)		8'3" (2.5 m)	8'5" (2.6 m)		6'5" (2 m)			6'8" (2 m)			
F – Transport Clearance of Rake Wheels	–		–			21" (.5 m)			21" (.5 m)			
G – Tread Width	–		6'6" (2 m)		7'4" (2.2 m)	6' 10" (2.1 m)		6'6"–7'4" (2 m–2.2 m)		9'11" (3 m)		
SPECIFICATIONS												
Weight	1,075 lbs. (488 kg)	1,230 lbs. (558 kg)	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. (1,433 kg)	4,332 lbs. (1,965 kg)	4,476 lbs. (2,030 kg)	4,772 lbs. (2,165 kg)	
Hitch Type	Drawbar					Drawbar			Drawbar			
Tire Size	ST 175/80 D-13"		ST 205/75 D-15"			ST 205/75 D-15"			7.6L-15 with 6-Bolt Hubs			
Single-Side Raking	Standard		Standard			Standard			Optional			
Rake Wheels												
– Number of Rake Wheels	8	10	8	10	12	10	12	14	12	14	16	
– Tines Per Wheel	40		40			40			40			
– Diameter	55" (1.4 m)		55" (1.4 m)			55" (1.4 m)			55" (1.4 m)			
– Tine Diameter	3/32" (7 mm)		3/32" (7 mm)			3/32" (7 mm)			3/32" (7 mm)			
– Wheel Space – Center-to-Center	30" (.8 m)					36" (.9 m)			38" (1 m)			
– Rake Wheel Hub Type	Greasable Tapered Roller					Greasable Tapered Roller			Greasable Tapered Roller			
– Attachment	Wheel Stud with Lock Nuts					Wheel Stud with Lock Nuts			Wheel Stud with Lock Nuts			
– Rake Wheel Lift	Hydraulic		Hydraulic			Hydraulic			Hydraulic			
– Rake Wheel Ground Pressure	Adjustable per Raking Beam					Independent Adjustment			Independent Adjustment			
OPTIONAL EQUIPMENT												
Tandem Rear Axle	–		Optional – 20.5 X 8.0-10			Optional		Standard	Standard			
Center Kicker/Splitter Wheel	Optional – 55" Diameter		Optional – 55" Diameter			Optional			Optional			
Center Kicker/Splitter Wheel Lift Type	Hydraulic Valve Lock Out					Hydraulic Valve Lock Out			Hydraulic Valve Lock Out			
Windguards	Optional		Optional			Optional		Standard	Standard			
Transport Lighting	–		Optional			Optional			Optional			
2 3/16" Ball Hitch	Optional		Optional			Optional			Optional			
OPERATING INFORMATION												
Hydraulic Requirement	One Double-Acting					Two Double-Acting			Two Double-Acting			
Minimum Power Requirement	20 hp (14.9 kW)				30 hp (22.3 kW)	20 hp (14.9 kW)	30 hp (22.3 kW)	35 hp (15 kW)	30 hp (22 kW)	35 hp (26 kW)	40 hp (29 kW)	

¹ Depending on crop conditions

COMPLEMENTARY PRODUCTS

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