

# Rotary Rakes



Single-Basket



Dual-Basket

RR2109 • RR2211 • RR2313 • RR2324

# Single- or dual-basket models let you rake crop quickly and delicately to get your high-quality baling done sooner.

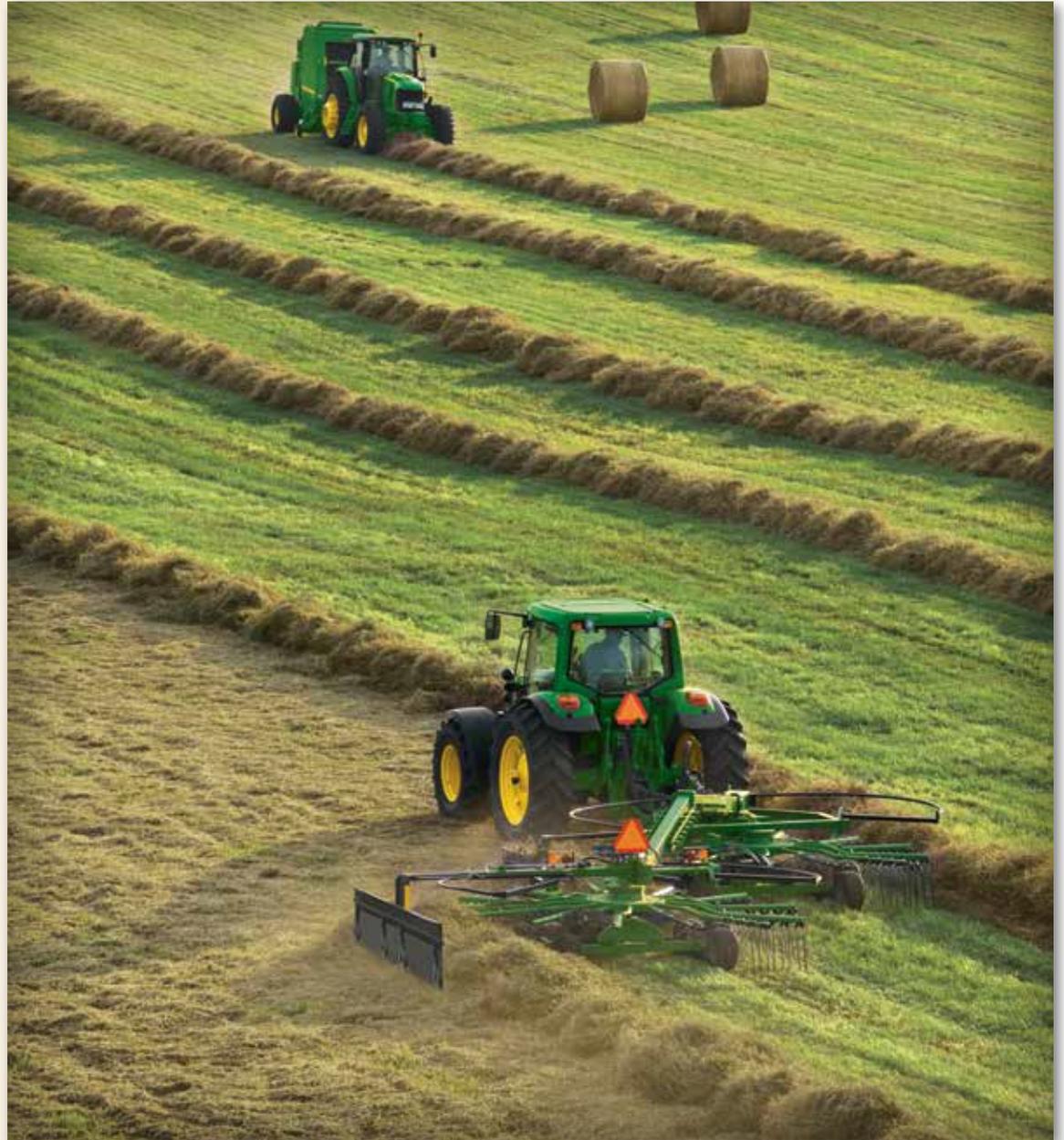
Before you step out into the field, step up to a **Frontier Rotary Rake**. Each model gives you the gentle raking action that reduces crop loss and promotes greater air circulation for faster drydown, so you can bale earlier and be done sooner.

Start with the affordable **RR2109**. With nine feet of raking width, it provides excellent coverage for small-acre producers. Or check out the value-loaded **RR2211** – the ideal mix of cost-efficiency and field-performance, providing 11 feet of productive raking width. Need more capacity? Go with the no-nonsense **RR2313**. It offers 13 feet of raking width, making it a top choice for larger hay operations. If that's not enough, then reach for the dual-basket **RR2324**. It's a commercial haymaker's dream, offering 24 feet of raking width for high-capacity haymaking.

Light or heavy, dry or damp crop: **Frontier Rotary Rakes work in all conditions to give you fluffier, faster-drying windrows.** What's more, each rake can be easily adjusted and fine-tuned to match conditions and desired windrow width.

Frontier Rotary Rakes are sold and supported by John Deere dealers, the most trusted name in farm, ranch and turf equipment. To help you select the right Rotary Rake model for the job, talk to your local John Deere dealer, your exclusive source of Frontier Equipment.

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## Easier on your crop. Easier on your workload.

Let's face it. No one wants to spend unnecessary time and energy on extra passes. You need a rake that gently sweeps to minimize crop damage and reduce leaf loss on the first pass...a rake that helps lessen your time in the field...a rake like the Frontier Rotary Rake. It glides over the crop and delicately deposits material into full windrows. More importantly, it helps to keep precious crop in your windrow, and dirt or debris out.

# Quality Hay Demands Quality Hay Rakes



## **RR2109 & RR2211**

For smaller hay operations, a RR2109 or RR2211 is tough to beat. These productive hay tools offer the versatility to work in all types of crop, while offering the quick drydown and minimal leaf loss you demand. Best of all, they're as easy on your budget as they are on your crop.



## **RR2313**

If you've got big acres or you just want more haymaking capacity, the RR2313 is a good fit. Plus, it's ideal for delicate crop, like alfalfa. Putting up silage? Once again, the RR2313 is your answer – it's right at home in damp or dry crop.



## **RR2324**

Looking to really maximize your productivity? Check out the RR2324 Tandem Rotary Rake. A dual-basket design allows you to rake two separate windrows or one large windrow. Just one simple adjustment lets you choose the setup that's best for your operation. And with double the capacity, the RR2324 works twice as hard so you don't have to.

# How a better-built rake delivers better-quality hay.

What's the best way to go from cutting to baling? That's simple. Make sure you have a rake that has all the features to take the nutrient-rich hay you just mowed and dry it down quickly so you can make the highest-quality bales possible. You'll find these features in a Frontier Rotary Rake.



One window or two? The RR2324 Tandem makes the decision simple. Just choose the double- or single-window option to adjust the twin rotors, and then set the desired window width.



**(1)** An adjustable, heavy-duty vinyl curtain on the RR2109 and RR2211 helps maintain consistent window width. Remove the curtain to combine multiple windows. **(2)** An easy-to-use hand lever on the RR23 Series offers fast, simple control of window width. **(3)** When using the RR2324 Tandem Rotary Rake, the rear curtain can be adjusted hydraulically to vary window width. **(4)** And the rear curtain on the RR2324 can also be adjusted with a pull of a lever for quicker transport.



Use the rake-leveling cylinder to set the rake's tine height and pitch. This adjustment allows you to fine-tune ground-pressure in a variety of crops and conditions.



The hydraulic lift allows you to raise or lower the rake for transport. Generous under-frame clearance prevents windrow damage when turning around in the field.



Double-coil steel tines are heat-treated for strength and durability.



Frontier Rotary Rakes are equipped with a fully enclosed gearbox to keep dirt, debris, or hay from getting inside. It allows for improved reliability, and includes oil bath lubrication for increased cooling.



The RR2109, features a rear height-adjustment screw that lets you set the height of the tines for optimal performance in a variety of crop conditions.



Frontier Rotary Rakes feature cam-action tine arms (bottom-left) that help to gently deposit material into the windrow, while retaining valuable crop. The cam-action movement allows the tine arms to form higher, fluffier windrows that increase drydown. Tine arms can be manually detached (bottom-right) and positioned upright for easy transport and convenient storage (top).



Fully adjustable cam lets you change how aggressive the tines will rake in order to match the condition of your crop. For wet crop, use a more aggressive rotation. For more delicate crop, such as alfalfa, try a less aggressive rotation.



Tandem-axle walking beam keeps the rake level over uneven terrain to provide a smoother ride and to promote better crop pickup. And four large flotation tires offer added stability over rough fields. Four additional flotation tires are optional on the RR2324 to give you level raking performance on contours and over uneven ground.



Standard clevis hitch-link allows you to easily connect to your tractor. Safety chain comes standard.



# Frontier Rotary Rakes: The right investment for serious hay producers

## Specifications

Model Number	RR2109	RR2211	RR2313	RR2324
PTO HP requirements	30 hp (22 kW)	40 hp (30 kW)	40 hp (30 kW)	50 hp (37 kW)
PTO speed	540 rpm	540 rpm	540 rpm	540 rpm
Hitch type	Drawbar	Drawbar	Swivel hitch drawbar	Swivel hitch drawbar
Working width	10 ft. 8 in. (3.3 m)	13 ft. (4 m)	15 ft. (4.6 m)	27 ft. (8.2 m)
Raking width	9 ft. (2.7 m)	11 ft. (3.4 m)	13 ft. (4 m)	24 ft. (7.3 m)
Transport width	9 ft. 4 in. (2.8 m)	5 ft. (1.5 m)	8 ft. 2 in. (2.5 m)	8 ft. 2 in. (2.5 m)
Transport length	14 ft. 2 in. (4.3 m)	13 ft. (4 m)	18 ft. 4 in. (5.6 m)	34 ft. (10.4 m)
Number of tine arms	9	11	13	26
Weight	1,050 lb. (476 kg)	1,550 lb. (703 kg)	2,100 lb. (953 kg)	3,400 lb. (1,542 kg)
Number of double tines per arm	3	4	4	4
Number of wheels	4	4	4	10
Tire diameter	18.5 in. (47 cm)			
Swath screen	Heavy-duty vinyl curtain	Heavy-duty vinyl curtain	Heavy-duty vinyl curtain	Heavy-duty vinyl curtain, Hydraulic rear curtain
Tandem axle	Standard	Standard	Standard	Standard
Hydraulic requirement (Minimum)	1,200 PSI (8,274 kPa)	1,200 PSI (8,274 kPa)	1,400 PSI (9,653 kPa)	1,800 PSI (12,411 kPa)
Rotor drive	PTO	PTO	PTO	PTO



### Gentle, consistent, and delivers.

Designed for long hours of serious hay raking, Frontier Rotary Rakes are gentle on crop, provide consistently-sized windrows, and deliver faster drydown. Plus, they offer the reliability and performance you grow to expect from Frontier farm equipment. Whether you prefer the simplicity of a single-basket, or the high-end productivity of the dual basket, there's a quality RR Series hay rake that fits your haymaking operation, and your budget.

Note: models/items may not be exactly as shown.



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