

# Power Rakes



PR1148 • PR1160 • PR1172 • PR1184

# Frontier Power Rakes are four tools in one

When you're in high demand, you need to work fast. That's why you need a landscape tool that helps make the most of your time.

Power rakes from Frontier are built to help you be more productive – and more profitable.

Whether on a construction site or an existing lawn, the Frontier Power Rake is a great tool for creating perfect seedbeds. It combines four landscaping tools into one: a box blade for grading, a rear blade for smoothing and leveling, a landscape rake for collecting rocks and debris, and a pulverizer for shattering compacted soil. No need to haul four implements to the job site – now you have just one. And no need to waste time switching between tools – with the easy-to-adjust controls and easy-to-change settings, you can go from box-blade action to rear-blade action in seconds.

Frontier Power Rakes work on all types of ground, from hard clay to wet soil, even rocky and washed-out land. Use it on ballparks to smooth out infields, or use it to renovate existing turf. Clear rocks and debris, and prepare bare ground for seed or sod. Make drainage grades. Maintain dirt or gravel roads. You can even use it as a dethatcher for rejuvenating tired lawns. Whatever the job, a Frontier Power Rake makes it quick and easy, saving you time and money, enabling you to move on to the next job faster.

To help you choose the right Frontier Power Rake, talk to your local John Deere dealer, your exclusive source of Frontier Equipment.

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## Power Rakes

The Frontier Power Rake helps build perfect seedbeds. The tooth roller, with proprietary blunt shaped teeth, creates a dimpled subsurface much like a golf ball's surface. This helps the seed stay in place. The low dimples collect the seed after a rain to improve seed-to-soil contact and hold granular surface material and seed in place – lowering the chance of erosion.



All Frontier Power Rakes are John Deere iMatch™ compatible. The iMatch quick-hitch system converts the tractor's 3-point hitch to fixed hooks and attaching points for a super-quick connection. (iMatch hitch sold separately.)



With the end plate in the forward position (left), the power rake becomes a box blade and collects larger material for disposal on the edge of the worksite. Also it can be used in this position when working along foundations or sidewalks. End plates are reinforced with hardened steel for long life, and are easily movable – no tools required. Put the end plate in the storage position (right) and the power rake becomes a rear blade, forming windrows of larger material and debris.



From the tractor seat, you can easily adjust the angle of the power rake for directing material by using the hydraulic controls. The steel frame offers excellent visibility of the work surface.



The oil-bathed, enclosed chain drive with center chain idler eliminates chain slip and compensates for chain stretch. Bearings are triple-sealed and shielded for extra protection and long life.



Adjust the pulverizing action (left photo) by moving the roll-back barrier. Raise it to allow for larger particles; lower it to break up clods and leave a smoother surface. Raising the barrier also promotes faster soil drying. The barrier is stiff for pushing, yet flexible enough to allow damaging debris to pass. Carbide teeth (right photo) are shaped to create the best seedbed. By striking the seedbed sub-base, they leave a fracture pattern that retains moisture. The carbide material provides long life and durability.



Control your working depth by adjusting the gauge wheels. Both are independently mounted to provide stability when working rough, uneven terrain. Lower the gauge wheels to skim existing lawns for overseeding, or raise them for deep pulverizing and grading action.



## More function gets more work done

Frontier Power Rakes are available in sizes of 4, 5, 6, and 7 feet.



### Specifications

Model	PR1148	PR1160	PR1172	PR1184
Tractor PTO horsepower (min.-max.)	15 to 22 hp (11.2 to 16.4 kW)	18 to 35 hp (13.4 to 26.1 kW)	30 to 40 hp (22 to 30 kW)	42 to 80 hp (31 to 60 kW)
Tractor PTO speed	540 rpm	540 rpm	540 rpm	540 rpm
Hitch compatibility <sup>1</sup>	Category 1, iMatch <sup>1</sup> compatible	Category 1, iMatch <sup>1</sup> compatible	Category 1, iMatch <sup>1</sup> compatible	Category 1 & 2, iMatch <sup>1</sup> & Quick Coupler compatible
Working width	48 in. (1.2 m)	60 in. (1.5 m)	72 in. (1.8 m)	84 in. (2.1 m)
Length	54 in. (1.4 m)	55 in. (1.4 m)	62 in. (1.6 m)	70 in. (1.8 m)
Transport width	54 in. (1.4 m)	64 in. (1.6 m)	81 in. (2.1 m)	93 in. (2.4 m)
Working angles, right or left	0 to 15 degrees			
Angle adjustment	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Rotor	Cylindrical with welded carbide teeth			
Rotor speed	285 rpm	285 rpm	270 rpm	270 rpm
Carbide teeth per roller	76	88	114	132
Depth control	Two adjustable gauge wheels			
Gauge wheels	13 x 5.00 – 6	13 x 5.00 – 6	16.5 x 6.5 – 8	16.5 x 6.5 – 8
Tractor hydraulic requirement	1,500 psi (10 342 kPa)			
Parking stand	Standard	Standard	Standard	Standard
Operating weight	500 lb. (227 kg)	550 lb. (227 kg)	830 lb. (376 kg)	1,260 lb. (572 kg)
Warranty <sup>2</sup>	1 year	1 year	1 year	1 year

<sup>1</sup>The iMatch Quick-Hitch does not work with all tractor series or with all implements. See your John Deere dealer to determine which tractors and implements are compatible with the iMatch. <sup>2</sup>Hour and/or usage limitations may apply. See Warranty for new John Deere Agricultural Equipment or contact your local dealer for details.



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