

Rear Blades



Medium-Duty



Medium-Plus



Medium-Duty Hydraulic



Heavy-Duty



Heavy-Plus

21 Series • 21H Series • 22 Series • 23 Series • 24 Series

Gardening, leveling, roadside clearing, ditching, snow removal, and a whole lot more.

From light utility work to heavy grading, Frontier Rear Blades are an easy and affordable solution for material handling. Whether you're shaping ground or working on professional landscaping, you can choose from four duty classes – medium, medium-plus, heavy, and heavy-plus – and 18 different models to meet your needs.

Available in working widths from 5- to 10-feet (1.5-3 m), Frontier Rear Blades match well with 2-wheel drive tractors up to 160-horsepower (119.3 kw) or 145-horsepower (108 kw) for 4-wheel drive. A reinforced tubular steel frame helps you take on tough applications. The dozer-type, full-radius moldboard is built to handle heavy loads. And cutting edges are reversible to give your blade twice the work life. Let's face it – these are no-nonsense blades, built rugged to withstand the most demanding chores.

But they're not just tough. Frontier Rear Blades are also adaptable to your conditions. A 360-degree swing angle lets you customize the blade to your job. Use the offset, angle, and tilt features to make adjustments in minimal time.

The Frontier Rear Blades are sold and supported by John Deere, one of the most trusted names in farm, ranch and lawn equipment. To help you choose the right Frontier Rear Blade, talk to your local John Deere dealer, your exclusive source of Frontier Equipment.

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Optional end plates hold in extra material while pulling it from one place to another, making it an ideal feature for filling.



The turntable on the RB21 and RB22 Series allows you to adjust the angle to three different positions in both forward and reverse.



Optional skid shoes protect the moldboard cutting edge from hitting low-lying obstructions important when cleaning corrals or removing snow.



With the RB23 and RB24 Series, you control the offset, angle, and tilt adjustments – all from the comfort of your tractor seat.



Frontier offers hydraulic capacity on a medium-duty rear blade with the RB21H Series. This gives you blade angle adjustment capabilities from your operator station. A convenient feature on a rear blade of this duty class.

Pick The Right Duty For The Job

It's great to have options

You're sure to find the right rear blade for your operation with Frontier's wide range of multi-purpose scraper attachments. Built for high hours of usage in tough, gritty applications, the Frontier Rear Blades offer choices for simple and not-so-easy chores alike. Just select the model that's best for your particular job. For your convenience, we've provided an overview of each of our five series to better illustrate what line of rear blades is best suited for a given chore.

But regardless of which rear blade you choose, you can be certain that each one comes with a few standard features – built-in durability, performance, and ease of use. Plus, they're ready to work when you are . . . job-to-job, and season-to-season. Whether you're doing road repair in the spring, clean-up after a hard-hitting, stormy winter, or landscaping around the home in the summer, Frontier Rear Blades will handle the load.



21H Series Medium-Duty Hydraulic Rear Blades

Compatible with tractors up to 50 horsepower (37.28 kw). Designed for minor road repair and light material handling. Equipped with hydraulic angle adjustment, eliminating the need for operators to manually adjust blade angle to adapt to multiple tasks.



21 Series Medium-Duty Rear Blades

Compatible with tractors up to 65 horsepower (48.47 kw). Designed for light road maintenance, lawn care, gardening, and other light-duty landscaping. Also great for year-round ground leveling, roadside clearing, and snow removal. Available with manual adjustments only. (Shown with optional skid shoes and end plates.)



22 Series Medium-Duty-Plus Rear Blades

Compatible with tractors up to 80 horsepower (59.65 kw). Designed for leveling, gardening, road maintenance, and cleaning feedlots. The blade design allows you to cut and roll the soil rather than drag it, saving you time, horsepower, and fuel. Manual adjustments are standard; hydraulic offset adjustment is optional.

How will you use your Frontier Rear Blade?

Up to the task

No matter the conditions – indoor, outdoor, or the elements – Frontier Rear Blades fit the job. With five rugged series to choose from, you get the versatility and performance you need to tackle just about any chore. From cleaning out a poultry house, to leveling driveways, to clearing snow from your property, Frontier Rear Blades move material effectively from start to finish.



23 Series Heavy-Duty Rear Blades

Compatible with tractors up to 120 horsepower (89.48 kw). Features rugged construction for ditching and terrace building. Manual adjustments are standard. Or, to complete your work quickly and easily, go with the optional hydraulic adjustments for tilt, offset, and angle (Shown with optional full hydraulic controls, skid shoes and end plates.).



24 Series Heavy-Duty-Plus Rear Blades

Compatible with tractors up to 160 horsepower (119.3 kw). Designed for a wide range of material handling...from landscaping to heavy-duty dam-building. The enhanced curved moldboard gives you maximum penetration and added precision to cut and roll the soil rather than drag it. Hydraulic angle adjustment is standard; fully hydraulic controls are optional. (Shown with optional full hydraulic controls and end plates.)



Frontier Rear Blades. Built tough. Work hard. Last long.

Specifications

Model	RB2160	RB2172	RB2184	RB2196	RB2160H	RB2172H	RB2184H	RB2196H
Duty	Medium	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Tractor horsepower	2WD: 65 hp (48.5 kW) max.; 4WD: 60 hp (44.7 kW) max.	2WD: 65 hp (48.5 kW) max.; 4WD: 60 hp (44.7 kW) max.	2WD: 65 hp (48.5 kW) max.; 4WD: 60 hp (44.7 kW) max.	2WD: 65 hp (48.5 kW) max.; 4WD: 60 hp (44.7 kW) max.	2WD: 50 hp (37.3 kW) max.; 4WD: 45 hp (33.6 kW) max.	2WD: 50 hp (37.3 kW) max.; 4WD: 45 hp (33.6 kW) max.	2WD: 50 hp (37.3 kW) max.; 4WD: 45 hp (33.6 kW) max.	2WD: 50 hp (37.3 kW) max.; 4WD: 45 hp (33.6 kW) max.
Hitch compatibility	Category 1 (iMatch™ compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)	Category 1 (iMatch compatible¹)
Moldboard length	60 in. (152.4 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)	96 in. (243.8 cm)	60 in. (152.4 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)	96 in. (243.8 cm)
Moldboard height	17 in. (43.2 cm)	17 in. (43.2 cm)	17 in. (43.2 cm)	17 in. (43.2 cm)	15 in. (38.1 cm)	15 in. (38.1 cm)	15 in. (38.1 cm)	15 in. (38.1 cm)
Moldboard thickness	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)	0.25 in. (6 mm)
Operating weight	392 lb. (177.8 kg)	422 lb. (191.4 kg)	448 lb. (203.2 kg)	476 lb. (215.9 kg)	346 lb. (157.0 kg)	372 lb. (168.7 kg)	398 lb. (180.5 kg)	423 lb. (191.9 kg)
Angle, tilt, & offset adjustments	Manual	Manual	Manual	Manual	Hydraulic angle manual tilt offset	Hydraulic angle manual tilt offset	Hydraulic angle manual tilt offset	Hydraulic angle manual tilt offset
Grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling	Fine, precision grading & leveling
Moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard	0.25 in. (6 mm) full-radius moldboard
Frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame
Cutting Edge	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible
Angle/pivot	360°	360°	360°	360°	360°	360°	360°	360°
Forward angle positions	3, up to 53 degrees each side	3, up to 53 degrees each side	3, up to 53 degrees each side	3, up to 53 degrees each side	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side
Reverse angle positions	3, up to 53 degrees each side	3, up to 53 degrees each side	3, up to 53 degrees each side	3, up to 53 degrees each side	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side
Tilt positions	3, up to 22 degrees up or down	3, up to 22 degrees up or down	3, up to 22 degrees up or down	3, up to 22 degrees up or down	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side	up to 40 degrees each side
Offset	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right	6 or 12 in. (15.2 or 30.5 cm), left or right
Parking stand	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Skid shoe bundle	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Warranty²	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year

Model	RB2272	RB2284	RB2296	RB2307	RB2308	RB2309	RB2310
Duty	Medium-plus	Medium-plus	Medium-plus	Heavy	Heavy	Heavy	Heavy
Tractor horsepower (hp/kw)	2WD: 80 hp (59.7 kW) max.; 4WD: 70 hp (52.2 kW) max.	2WD: 80 hp (59.7 kW) max.; 4WD: 70 hp (52.2 kW) max.	2WD: 80 hp (59.7 kW) max.; 4WD: 70 hp (52.2 kW) max.	2WD: 120 hp (89.5 kW) max.; 4WD: 110 hp (82.0 kW) max.	2WD: 120 hp (89.5 kW) max.; 4WD: 110 hp (82.0 kW) max.	2WD: 120 hp (89.5 kW) max.; 4WD: 110 hp (82.0 kW) max.	2WD: 120 hp (89.5 kW) max.; 4WD: 110 hp (82.0 kW) max.
Hitch compatibility	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)	Category 2 (Quick-Coupler compatible)
Moldboard length	72 in. (182.9 cm)	84 in. (213.4 cm)	96 in. (243.8 cm)	84 in. (213.4 cm)	96 in. (243.8 cm)	108 in. (274.3 cm)	120 in. (304.8 cm)
Moldboard height	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)
Moldboard thickness	.25 in. (6 mm)	.25 in. (6 mm)	.25 in. (6 mm)	5/16, .3125 in. (7.9 mm)	5/16, .3125 in. (7.9 mm)	5/16, .3125 in. (7.9 mm)	5/16, .3125 in. (7.9 mm)
Operating weight	738 lb. (333.4 kg)	755 lb. (342.5 kg)	772 lb. (350.2 kg)	1,060 lb. (480.8 kg) [1,162 lb. (527.1 kg)³]	1,139 lb. (516.6 kg) [1,241 lb. (562.9 kg)³]	1,240 lb. (562.5 kg) [1,342 lb. (608.7 kg)³]	1,300 lb. (589.7 kg) [1,402 lb. (635.9 kg)³]
Angle, tilt, & offset adjustments	Manual; optional hydraulic offset (up to 1 hydraulic remote required)	Manual; optional hydraulic offset (up to 1 hydraulic remote required)	Manual; optional hydraulic offset (up to 1 hydraulic remote required)	Manual; optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)	Manual; optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)	Manual; optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)	Manual; optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)
Grading & leveling	Landscaping & moderate grading	Landscaping & moderate grading	Landscaping & moderate grading	Heavy grading and snow removal	Heavy grading and snow removal	Heavy grading and snow removal	Heavy grading and snow removal
Moldboard	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction
Frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame
Cutting Edge	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible
Angle/pivot	360°	360°	360°	360°	360°	360°	360°
Forward angle positions	3, up to 45 degrees each side	3, up to 45 degrees each side	3, up to 45 degrees each side	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)
Reverse angle positions	3, up to 45 degrees each side	3, up to 45 degrees each side	3, up to 45 degrees each side	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)	3, up to 45 degrees each side (0-45 degrees each side³)
Tilt positions	3, up to 23 degrees up or down	3, up to 23 degrees up or down	3, up to 23 degrees up or down	3, up to 23 degrees up or down (0-15 degrees up or down³)	3, up to 23 degrees up or down (0-15 degrees up or down³)	3, up to 23 degrees up or down (0-15 degrees up or down³)	3, up to 23 degrees up or down (0-15 degrees up or down³)
Offset	9 or 18 in. (22.9 or 45.7 cm), left or right	9 or 18 in. (22.9 or 45.7 cm), left or right	9 or 18 in. (22.9 or 45.7 cm), left or right	9 or 18 in. (22.9 or 45.7 cm), left or right [0-19 in. (0-48.3 cm), left or right²]	9 or 18 in. (22.9 or 45.7 cm), left or right [0-19 in. (0-48.3 cm), left or right²]	9 or 18 in. (22.9 or 45.7 cm), left or right [0-19 in. (0-48.3 cm), left or right²]	9 or 18 in. (22.9 or 45.7 cm), left or right [0-19 in. (0-48.3 cm), left or right²]
Parking stand	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Skid shoe bundle	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Warranty²	1 year	1 year	1 year	1 year	1 year	1 year	1 year

¹The 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. ²Hour and/or usage limitations may apply. See Warranty for new John Deere Agricultural Products or contact your local dealer for details. ³Fully hydraulic model



Specifications

Model	RB2408	RB2409	RB2410
Duty	Heavy-plus	Heavy-plus	Heavy-plus
Tractor horsepower	2WD: 160 hp (119.3 kW) max.; 4WD: 145 (108.1 kW) hp max.	2WD: 160 hp (119.3 kW) max.; 4WD: 145 (108.1 kW) hp max.	2WD: 160 hp (119.3 kW) max.; 4WD: 145 (108.1 kW) hp max.
Hitch compatibility	Category 2/3 (Quick-Coupler compatible)	Category 2/3 (Quick-Coupler compatible)	Category 2/3 (Quick-Coupler compatible)
Moldboard length	96 in. (243.8 cm)	108 in. (274.3 cm)	120 in. (304.8 cm)
Moldboard height	19 in. (48.3 cm)	19 in. (48.3 cm)	19 in. (48.3 cm)
Moldboard thickness	5/16, .3125 in. (7.9 mm)	5/16, .3125 in. (7.9 mm)	5/16, .3125 in. (7.9 mm)
Operating weight	1,451 lb. (658.2 kg) [1,499 lb. (679.9 kg) ³]	1,501 lb. (680.8 kg) [1,549 lb. (702.6 kg) ³]	1,550 lb. (703.1 kg) [1,598 lb. (724.8 kg) ³]
Angle, tilt, & offset adjustments	Manual tilt & offset, hydraulic angle (1 hydraulic remote required); optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)	Manual tilt & offset, hydraulic angle (1 hydraulic remote required); optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)	Manual tilt & offset, hydraulic angle (1 hydraulic remote required); optional hydraulic angle, tilt, & offset (up to 3 hydraulic remotes required)
Grading & leveling	Heavy grading and snow removal	Heavy grading and snow removal	Heavy grading and snow removal
Moldboard	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction	Heavy-duty, dozer-type construction
Frame	Formed steel channel frame	Formed steel channel frame	Formed steel channel frame
Cutting edge	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible	0.5 x 6 in. (1.3 x 15.2 cm), reversible
Angle/pivot	360°	360°	360°
Forward angle positions	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)
Reverse angle positions	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)	Right: 4, up to 26 degrees; left: 5, up to 38 degrees. (0-43 degrees each side ³)
Tilt positions	2, up to 15 degrees up or down (0-12 degrees, up or down ³)	2, up to 15 degrees up or down (0-12 degrees, up or down ³)	2, up to 15 degrees up or down (0-12 degrees, up or down ³)
Offset	Right: 0-28 in. (0-71.1 cm); left: 0-26 in. (0-66.04 cm) [0-36 in. (0-91.4 cm) left or right ³]	Right: 0-28 in. (0-71.1 cm); left: 0-26 in. (0-66.04 cm) [0-36 in. (0-91.4 cm) left or right ³]	Right: 0-28 in. (0-71.1 cm); left: 0-26 in. (0-66.04 cm) [0-36 in. (0-91.4 cm) left or right ³]
Parking stand	Standard	Standard	Standard
Skid shoe bundle	Optional	Optional	Optional
Warranty ²	1 year	1 year	1 year

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More than 600 tools to meet your challenges.

Few things are more satisfying than having just the right tool for the job, right when you need it. That's why so many farmers, ranchers, dairymen, contractors and property owners rely on the expansive line of Frontier Equipment, featuring more than 600 implements and attachments – and counting. No matter the size of your operation, we have just the right products for getting the job done.

All available exclusively from your local John Deere dealer.



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

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