

20 and 21 Series Landscape Tools



Box Blades



Rear Blades



Landscape Rakes

Box Blades • Rear Blades • Landscape Rakes

Frontier Rear Blades keep it on the level

Shape a lawn. Grade around a home. Smooth a gravel driveway. These tools are designed for maximum versatility. Manually adjustable tilt and angle make it easy to match a wide range of conditions and leveling needs. Swing the blade around and use it to backfill or clear debris or snow. Add the optional endplates* to hold in extra material and drag it from one place to another. For increased versatility, the RB2072 and RB2084 are equipped with 12-inch manual offset left and right. Optional skid shoes* protect the cutting edge from hitting low-lying obstructions.

The 20 Series Standard-Duty Rear Blades are compatible with tractors of 19 to 55 PTO horsepower with a Category 1 hitch. Three working widths are available, from 60 to 84 inches.

*Optional equipment available at an additional cost.



A formed, upper moldboard edge increases rigidity. Moldboard thickness is 3/16-inch for RB2060L and RB2060 and 1/4-inch for RB2072 and RB2084.



A heavy, welded mast and 4 x 4-inch tubular steel frame (3 x 3-inch on RB2060L) deliver added strength and rigidity. Operator's manual container concealed within mast for added protection.

Adjusting the angle is easy. Simply remove the steel pin and rotate the blade to the desired setting, or swing it around for backfilling.



Make the grade with Frontier Equipment

Frontier Box Blades, Rear Blades, and Landscape Rakes are designed to help you do a job quickly and easily. These rugged tools are built for years of dependable use. From grading a lawn to creating a ditch, and even building a driveway, these tools get the job done.

With a variety of models to choose from in different duty classes, there's a Frontier landscape tool to meet your needs. These 20 and 21 Series Landscape Tools are iMatch™ compatible, making hookup a breeze. Just back up your tractor to the implement's attaching points, lock the safety handles, and you're good to go. (iMatch hitch sold separately.)

These Frontier landscape tools are backed with a one-year warranty*. So, go ahead, take on more projects. You can do it with the help of rugged, reliable equipment from Frontier and your local John Deere dealership. To help you choose the right Frontier tool, talk to your John Deere dealer, your exclusive source for Frontier Equipment.

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iMatch Quick-Attach Hitch System

Frontier 20 and 21 Series Landscape Tools are compatible with the iMatch ASAE Category 1 quick-attach hitch system. This innovative device converts a 3-point hitch to fixed hooks and attaching points, which allows for easy connection. The iMatch system is a welcome alternative to the sometimes challenging and awkward task of lining up 3-point hitch implements.

Landscape Rakes

Model Number	LR2060L	LR2072	LR2084	LR2172	LR2184	LR2196
Duty	Economy	Standard	Standard	Medium	Medium	Medium
Tractor PTO horsepower (maximum)	25 hp (18.6 kW)	19 to 40 hp (14.2 - 29.8 kW)	19 to 40 hp (14.2 - 29.8 kW)	23 to 55 hp (17.2 - 41.0 kW)	23 to 55 hp (17.2 - 41.0 kW)	27 to 55 hp (20.1 - 41.0 kW)
Hitch	Limited Cat. 1, Cat. 0 optional	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)
Working width	60 in. (152.4 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)	96 in. (243.8 cm)
Raking positions, forward	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side
Raking positions, reverse	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side
Pivot	360 degrees	360 degrees	360 degrees	360 degrees	360 degrees	360 degrees
Tines	(30) .31 x 1 in. (7.9 x 25.4 mm) spring steel	(36) .31 x 1 in. (7.9 x 25.4 mm) spring steel	(42) .31 x 1 in. (7.9 x 25.4 mm) spring steel	(36) .31 x 1 in. (7.9 x 25.4 mm) spring steel	(42) .31 x 1 in. (7.9 x 25.4 mm) spring steel	(48) .31 x 1 in. (7.9 x 25.4 mm) spring steel
Frame	3 x 3 in. (76.2 x 76.2 mm) tubular steel	3 x 3 in. (76.2 x 76.2 mm) tubular steel	3 x 3 in. (76.2 x 76.2 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) steel
Parking stand	Standard	Standard	Standard	Standard	Standard	Standard
Weight	168 lb. (76.2 kg)	200 lb. (90.7 kg)	221 lb. (100.2 kg)	282 lb. (127.9 kg)	307 lb. (139.3 kg)	332 lb. (150.6 kg)
Warranty*	1 year	1 year	1 year	1 year	1 year	1 year

Tough construction jobs no match for rugged Frontier Box Blades

The 21 Series Box Blades offer a heavy-duty mast constructed of thick, 3/8-inch plate steel to deliver extra rigidity and strength. Endplates have a formed top edge for extra muscle...there's no need for gussets. And, on the 21 Series, check out the 3/8 x 1-inch strap inside the scarifier tube. It provides reinforcement, shank support, and prevents premature wear on the slots.

Choose from three scarifier depth adjustments to meet a variety of ground conditions. Shanks can be stored on the scarifier beam when using the box blade for other tasks.

The 20 Series Standard-Duty Box Blades are compatible with tractors of 17 to 55 PTO horsepower with a Category 1 hitch. Four working widths are available, from 48 to 72 inches.

For tractors up to 70 PTO horsepower with a Category 1 hitch, the 21 Series Medium-Duty Box Blades come in two working widths: 72 and 84 inches.

Choose from three scarifier depth adjustments to meet a variety of ground conditions. Adjustments are easy. Simply remove the steel pin, and raise or lower the scarifier to increase or decrease ground penetration. Scarifier shanks can be stored on the scarifier beam when using the box blade for other tasks.



Heavy-duty, concave back plate with formed upper edge provides added rigidity and strength for trouble-free performance.

Cutting edges are positioned 3/4-inch below the endplates to ensure precise leveling and an even finish. They're also reversible for extended life.

Endplates are formed along top edge for structural strength. On the 21 Series the 3/8 x 3-inch steel reinforcement plates along the bottom edges give the box blade additional strength and durability.

Tailgates on the 21 Series float, allowing material to flow through the blade during heavy grading conditions.



Frontier Landscape Rakes operate smoothly, create level surface

Whether you're removing debris, rocks, or brush; smoothing an area for planting seed or sod; or spreading gravel, Frontier Landscape Rakes are ready to take on the job.

A strong tubular steel frame supports an angled tine beam. Heat-treated steel tines are mounted with bolts and held secure with a steel waffle plate. This mounting ensures positive spacing and alignment, and provides increased strength and durability. Plus, it makes replacement fast and easy – saving you time and money. Tines are spaced 1 inch apart for consistent material pick-up and distribution.

The 20 Series Standard-Duty and 21 Series Medium-Duty Landscape Rakes are compatible with tractors of 19 to 55 PTO horsepower with a Category 1 hitch. Four working widths are available: 60, 72, 84, and 96 inches.



Achieve the desired raking profile by adjusting the tine beam in one of five positions forward and three positions in reverse. Simply remove the steel pin and rotate the beam to the desired setting.



Each steel waffle plate holds six spring steel tines for increased strength and durability.



20 and 21 Series Landscape Tools: Specifications

Box Blades

Model Number	BB2048L	BB2048	BB2060	BB2065	BB2072	BB2172	BB2184
Duty	Economy	Standard	Standard	Standard	Standard	Medium	Medium
Tractor PTO horsepower (maximum)	25 hp (18.6 kW)	17 to 45 hp (12.7 - 33.6 kW)	19 to 55 hp (14.2 - 41.0 kW)	23 to 55 hp (17.2 - 41.0 kW)	27 to 55 hp (20.1 - 41.0 kW)	30 to 70 hp (22.4 - 52.2 kW)	35 to 70 hp (22.4 - 52.2 kW)
Hitch	Limited Cat. 1, Cat. 0 optional	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)	Category 1 (iMatch compatible)
Working width	48 in. (121.9 cm)	48 in. (121.9 cm)	60 in. (152.4 cm)	66 in. (167.6 cm)	72 in. (182.9 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)
Capacity (cubic feet)	8.1 (0.23 m ³)	12.4 (0.35 m ³)	15.7 (0.44 m ³)	17 (0.48 m ³)	19 (0.54 m ³)	19 (0.54 m ³)	22.3 (0.63 m ³)
Cutting edge	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible	(2) .5 x 6 in. (12.7 x 152.4 mm) reversible
Scarifier shanks	(3) replaceable points, 3 positions	(4) replaceable points, 3 positions	(4) replaceable points, 3 positions	(4) replaceable points, 3 positions	(5) replaceable points, 3 positions	(6) replaceable points, 3 positions	(7) replaceable points, 3 positions
Tailgate	Fixed	Fixed	Fixed	Fixed	Fixed	Floating/removable	Floating/removable
Endplate thickness	.19 in. (4.8 mm)	.38 in. (9.5 mm)	.38 in. (9.5 mm)	.38 in. (9.5 mm)	.38 in. (9.5 mm)	.38 in. (9.5 mm) with .38 x 3 in. (9.5 x 76.2 mm) reinforced bottom edge	.38 in. (9.5 mm) with .38 x 3 in. (9.5 x 76.2 mm) reinforced bottom edge
Moldboard thickness	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.19 in. (4.8 mm)
Beam	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) reinforcing bar	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) reinforcing bar	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) reinforcing bar	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) reinforcing bar	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) reinforcing bar	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) backing strip	4 x 4 x .25 in. (101.6 x 101.6 x 6.4 mm) with .38 x 1 in. (9.5 x 25.4 mm) backing strip
Mast	Bolted on with .25 in. (6.4 mm) plates	Bolted on with .25 in. (6.4 mm) plates	Bolted on with .25 in. (6.4 mm) plates	Bolted on with .25 in. (6.4 mm) plates	Bolted on with .25 in. (6.4 mm) plates	Bolted on with .38 in. (9.5 mm) plates	Bolted on with .38 in. (9.5 mm) plates
Weight	275 lb. (124.7 kg)	355 lb. (161 kg)	425 lb. (193 kg)	460 lb. (209 kg)	494 lb. (225 kg)	585 lb. (265.4 kg)	667 lb. (302.6 kg)
Warranty*	1 year	1 year	1 year	1 year	1 year	1 year	1 year

Rear Blades

Model Number	RB2060L	RB2060	RB2072	RB2084
Duty	Economy	Standard	Standard	Standard
Tractor PTO horsepower (maximum)	25 hp (18.6 kW)	19 to 45 hp (14.2 - 33.6 kW)	23 to 55 hp (17.2 - 41.0 kW)	27 to 55 hp (20.1 - 41.0 kW)
Hitch	Limited Cat. 1, Cat. 0 optional	Category 1, (iMatch compatible)	Category 1, (iMatch compatible)	Category 1, (iMatch compatible)
Working width	60 in. (152.4 cm)	60 in. (152.4 cm)	72 in. (182.9 cm)	84 in. (213.4 cm)
Angle, tilt, offset	Manually adjusted angle	Manually adjusted angle and tilt	Manually adjusted angle, tilt, and offset	Manually adjusted angle, tilt, and offset
Offset (swing)	—	—	12 in. (304.8 mm) left/right	12 in. (304.8 mm) left/right
Angle/pivot	360 degrees	360 degrees	360 degrees	360 degrees
Angle, forward	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side	0, 15, 30 degrees each side
Angle, reverse	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side	0, 15 degrees each side
Frame	3 x 3 in. (76.2 x 76.2 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) tubular steel	4 x 4 in. (101.6 x 101.6 mm) tubular steel
Cutting edge	.5 x 6 in. (12.7 x 152.4 mm) reversible	.5 x 6 in. (12.7 x 152.4 mm) reversible	.5 x 6 in. (12.7 x 152.4 mm) reversible	.5 x 6 in. (12.7 x 152.4 mm) reversible
Moldboard	Full-radius	Full-radius	Full-radius	Full-radius
Moldboard thickness	.19 in. (4.8 mm)	.19 in. (4.8 mm)	.25 in. (12.7 mm)	.25 in. (12.7 mm)
Moldboard height	11 in. (279.4 mm)	14 in. (355.6 mm)	14 in. (355.6 mm)	14 in. (355.6 mm)
Parking stand	Standard	Standard	Standard	Standard
Endplates	—	Optional	Optional	Optional
Skid shoes	Optional	Optional	Optional	Optional
Weight	155 lb. (70.3 kg)	249 lb. (113 kg)	285 lb. (129.3 kg)	305 lb. (138.3 kg)
Warranty*	1 year	1 year	1 year	1 year



Note: models/items may not be exactly as shown. See disclaimer below. *Hour and/or usage limitations may apply. See Warranty for new John Deere Agricultural Products or contact your local dealer for details.

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