

Woods BB72.30 BrushBull™ Single-spindle Rotary Cutter

General: The specification is to describe a 6' single-spindle rotary cutter suitable for highway right-of-way, ditch, and roadside vegetation maintenance. The unit shall incorporate a 3-point mounted 6' cutter deck.

Deck and Frame: The cutter deck shall provide a cut width of no less than 72". The cutter must be equipped with greasable "quick-change" blade pins. The top of the deck shall be sloped to keep water and debris from accumulating on the deck top. The top deck sheet shall be of not less than 11-gauge (0.120") steel. The frame shall incorporate two 3" by 3" structural tubes from the hitch attachment and 0.25"-thick front channel to the 0.25"-thick rear frame bumper plate. All stress points shall be supported by the structural tubes or front and rear frame members. The side frame material shall be 10-gauge (0.135") in thickness and 10.5" from the top of the deck to the bottom of the frame. Full-length 0.25" skid shoes attached to each side frame shall be replaceable.

Gearbox: The cutter shall have a gearbox horsepower rating of a minimum of 75 HP (based on field testing). The output shaft on the gearbox shall be 1.57" diameter. The gearbox shall carry a 6-year limited warranty which covers defect in material and workmanship and includes the seals. The lower neck of the gearbox shall have the seals protected by an anti-wrap device.

Driveline & Clutch: The input driveline from the tractor to the gearbox shall be ASABE Category 3. The driveline shall be equipped with a slip clutch in the event that the blades contact an immovable object. The clutch shall utilize two (2) friction discs. A swinging hanger for the driveline shall be provided to assist the operator during attachment to the tractor and to store the driveline when the cutter is not in use.

Blade Rotation: The blade tip speed shall be 14,963 ft/min at 540 RPM input from the tractor. The blade spindle shall rotate counterclockwise as viewed from above the deck facing the tractor. The cutter shall be capable of cutting material up to 2" in diameter. The cutter shall include an oval shaped stump jumper no less than 0.25" steel.

Wheels: The cutter shall be equipped with a single 16" laminated, segmented tail wheel. The wheel hub shall be cast grey iron and utilize sintered iron bushings.

Hitch: The cutter shall be compatible to tractors with Category 1 three-point arms and Category 1 quick-hitch. Hitch pins shall be clevis style. The hitch shall incorporate a pivoting break link to allow the cutter deck to follow the contour of the ground.

Safety: The cutter shall be equipped with .312" chain guards to adequately control thrown objects. All front and rear openings shall be covered with bolt-on chain guards that extend at least 1" below the blade line.

Bid Specifications



Woods BB72.30 BrushBull™ Single-spindle Rotary Cutter Specifications

Cutting Width (in) Overall Width (in) Overall Length (in) Cutting Capacity (in) Tractor HP Range (hp) Weight (lbs) 3-oint Hitch Category 1 Quick-hitch Ready Deck Type Deck Type Deck Thickness (ga in) Side Frame Thickness (ga in) Deck Shielding, Front and Rear Blade Tip Speed (fpm) Blade Carrier Blade Type (in) Frame & Deck Support (in) Frame & Deck Support (in) Rear Frame Driveline Rating Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Extendisc Support (In), Interest of the street of the stree		
Overall Length (in) 111 Cutting Capacity (in) 2 Tractor HP Range (hp) 30-75 Weight (lbs) 882 3-oint Hitch Category 1 Quick-hitch Ready Yes Deck Type Smooth, sloped Deck Thickness (ga in) 11 0.120 Side Frame Thickness (ga in) 10 0.135 Side Frame Depth (in) 10.5 Deck Shielding, Front and Rear 5/16-inch Chain guards Blade Tip Speed (fpm) 14,963 Blade Carrier ½-inch Thick, oval stump jumper Blade Type (in) (2) 0.5 x 4 with greasable quick-change blade pins Frame & Deck Support (in) 3 x 3 Full-length structural tubes Rear Frame ½-inch Z-shaped bumper Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) 75 Output Shaft Diameter (in) 1.57 Gearbox Warranty (years) 6 Skid Shoes ½-inch, Full-length, replaceable	Cutting Width (in)	72
Cutting Capacity (in) Tractor HP Range (hp) Weight (lbs) 30-75 Smooth, sloped 10-120 Side Frame Depth (in) 10-120 Side Frame Depth (in) 10-135 Side Frame Depth (in) 10-5 Deck Shielding, Front and Rear 5/16-inch Chain guards Blade Tip Speed (fpm) 14,963 Blade Carrier 14-inch Thick, oval stump jumper Blade Type (in) (2) 0.5 x 4 with greasable quick-change blade pins Frame & Deck Support (in) 3 x 3 Full-length structural tubes Rear Frame 14-inch Z-shaped bumper Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) 75 Output Shaft Diameter (in) Gearbox Warranty (years) 6 Skid Shoes	Overall Width (in)	79
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Weight (lbs)8823-oint HitchCategory 1Quick-hitch ReadyYesDeck TypeSmooth, slopedDeck Thickness (ga in)11 0.120Side Frame Thickness (ga in)10 0.135Side Frame Depth (in)10.5Deck Shielding, Front and Rear5/16-inch Chain guardsBlade Tip Speed (fpm)14,963Blade Carrier½-inch Thick, oval stump jumperBlade Type (in)(2) 0.5 x 4 with greasable quick-change blade pinsFrame & Deck Support (in)3 x 3 Full-length structural tubesRear Frame½-inch Z-shaped bumperDriveline RatingASABE Category 3, slip clutchGearbox Rating (Based on Field Testing) (hp)75Output Shaft Diameter (in)1.57Gearbox Warranty (years)6Skid Shoes¼-inch, Full-length, replaceable	Cutting Capacity (in)	2
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Quick-hitch ReadyYesDeck TypeSmooth, slopedDeck Thickness (ga in)11 0.120Side Frame Thickness (ga in)10 0.135Side Frame Depth (in)10.5Deck Shielding, Front and Rear5/16-inch Chain guardsBlade Tip Speed (fpm)14,963Blade Carrier½-inch Thick, oval stump jumperBlade Type (in)(2) 0.5 x 4 with greasable quick-change blade pinsFrame & Deck Support (in)3 x 3 Full-length structural tubesRear Frame½-inch Z-shaped bumperDriveline RatingASABE Category 3, slip clutchGearbox Rating (Based on Field Testing) (hp)75Output Shaft Diameter (in)1.57Gearbox Warranty (years)6Skid Shoes½-inch, Full-length, replaceable	Weight (lbs)	882
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Side Frame Depth (in) Deck Shielding, Front and Rear Blade Tip Speed (fpm) Blade Carrier Blade Type (in) Frame & Deck Support (in) Rear Frame Driveline Rating Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Side Frame Depth (in) 10.5 14.963 14,963 14-inch Thick, oval stump jumper (2) 0.5 x 4 with greasable quick-change blade pins 3 x 3 Full-length structural tubes ASABE Category 3, slip clutch 75 Output Shaft Diameter (in) 1.57 Gearbox Warranty (years) 6 Skid Shoes	Deck Thickness (ga in)	11 0.120
Deck Shielding, Front and Rear Blade Tip Speed (fpm) Blade Carrier '4-inch Thick, oval stump jumper Blade Type (in) Frame & Deck Support (in) Rear Frame Driveline Rating Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Skid Shoes Skid Shoes Skid Shoes 14,963 14,963 Blade Carrier (2) 0.5 x 4 with greasable quick-change blade pins 14-inch Z-shaped blade pins As A Full-length structural tubes As ABE Category 3, slip clutch To 1.57 Gearbox Warranty (years) 6 Skid Shoes	Side Frame Thickness (ga in)	10 0.135
Blade Tip Speed (fpm) Blade Carrier '4-inch Thick, oval stump jumper Blade Type (in) (2) 0.5 x 4 with greasable quick-change blade pins Frame & Deck Support (in) Rear Frame Ty-inch Z-shaped bumper Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 14-inch, Full-length, replaceable	Side Frame Depth (in)	10.5
Blade Carrier Blade Type (in) (2) 0.5 x 4 with greasable quick-change blade pins Frame & Deck Support (in) Rear Frame Driveline Rating Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 1/4-inch Thick, oval stump jumper (2) 0.5 x 4 with greasable quick-change blade pins 3 x 3 Full-length structural tubes ASABE Category 3, slip clutch 75 1.57 6 Skid Shoes	Deck Shielding, Front and Rear	5/16-inch Chain guards
Blade Type (in) (2) 0.5 x 4 with greasable quick-change blade pins Frame & Deck Support (in) Rear Frame 74-inch Z-shaped bumper Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 14-inch, Full-length, replaceable	Blade Tip Speed (fpm)	14,963
Frame & Deck Support (in) Rear Frame 74-inch Z-shaped bumper Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 3 x 3 Full-length structural tubes 4SABE Category 3, slip clutch 75 1.57 6 Skid Shoes	Blade Carrier	⅓-inch Thick, oval stump jumper
Rear Frame Driveline Rating ASABE Category 3, slip clutch Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 1/4-inch, Full-length, replaceable	Blade Type (in)	(2) 0.5 x 4 with greasable quick-change blade pins
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Gearbox Rating (Based on Field Testing) (hp) Output Shaft Diameter (in) Gearbox Warranty (years) Skid Shoes 75 6 74-inch, Full-length, replaceable	Rear Frame	¼-inch Z-shaped bumper
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Gearbox Warranty (years) 6 Skid Shoes ½-inch, Full-length, replaceable	Gearbox Rating (Based on Field Testing) (hp)	75
Skid Shoes ½-inch, Full-length, replaceable	Output Shaft Diameter (in)	1.57
	Gearbox Warranty (years)	6
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Tail wheel To-inch Laminated	Tail Wheel	16-inch Laminated