

BC1500 BRUSH CHIPPER



CHIPPING PRODUCTIVITY. The SmartFeed system monitors engine rpm and automatically stops and reverses the feed rollers to enhance production. This system also senses feed roller jams and manipulates the material automatically to reduce the need for manual control bar use.



EASILY LIFT HEAVY MATERIAL. An optional winch allows operators to move large logs effortlessly. The 150' (45.7 m) winch line can handle logs up to 2000 lb (907.2 kg) and can automatically lift the log onto the feed table.



OPERATOR SAFETY. Mounted over the feed table, the four-position upper feed control bar enables the operator to stop the feed rollers and select forward/reverse. The patented bottom feed stop bar is strategically located to make it possible for an operator's leg to strike the bar and shut off the feed mechanism either intentionally or automatically in an emergency situation.



TAKE CONTROL. With the Tree Commander™ remote control, jobsite productivity is improved by allowing the operator to control brush chipper functions remotely. The remote can be attached to the operator's belt or held in an optional bracket mounted directly to the operator's station of a Vermeer compact utility loader.

ECOIDLE™

ECOIDLE™ ENGINE CONTROL SYSTEM.

When the EcoIdle function is selected by the operator, the engine speed automatically lowers to a preset rpm after one or 5 minutes of inactivity to help reduce fuel consumption when not chipping material. Due to this idling, noise and greenhouse emissions are also reduced.



SMOOTH FEEDING. Vertical feed rollers with helical cleats help hold material firmly to the infeed table which reduces vibration, shock and structural loading to the rear of the machine.

BC1500 BRUSH CHIPPER

GENERAL

Length: 179" (454.7 cm)

Height: 104" (264.2 cm)

Width: 86" (218.4 cm)

Weight (without winch and hydraulic jack): 7490 lbs (3397.4 kg)

Weight (with winch and hydraulic jack): 7770 lbs (3524.4 kg)

ENGINE OPTIONS

Make/Model: Cummins QSF3.8L T4F - 130 hp

Gross horsepower: 130 hp (96.9 kw)

Max torque: 360 ft-lb (488.1 Nm)

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

Make and model: John Deere 4045H Tier 3*

Horsepower: 125 hp (93.2 kW)

Max torque: 355 ft-lb (481.3 Nm)

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

*Tier 3 engine is an International option only. Contact your local dealer for availability in your territory.

FEED SYSTEM

Chipping capacity: 15" (38.1 cm)

Infeed opening height: 15" (38.1 cm)

Infeed opening width: 20" (50.8 cm)

Feed roller orientation: Vertical

Feed table height: 32" (81.3 cm)

Feed speed (max): 122 ft/min

Feed roller dimensions: 20.9" (53.1 cm) diameter

CUTTING SYSTEM

Drum speed: 1980 rpm

Drum dimensions: 22.5" (57.2 cm) diameter

Drum thickness: .4" (1 cm)

Knives: 2 knives - .625" x 5" x 8" (1.6 cm x 12.7 cm x 20.3 cm)

Engagement system: Automotive-style clutch

CAPACITIES/ELECTRICAL

Fuel tank: 45 gal (170.3 L)

Hydraulic tank: 12 gal (45.4 L)

Hydraulic flow (max): 5.5 gpm (20.8 L/min)

Lights: LED front, rear, side, brake and taillights

CHASSIS/BRAKES

Frame: .25" (6 mm channel, 7" (17.8 cm)

Tires: LT 285/75R16 LR E

Axle/Suspension: Torsion

DISCHARGE SYSTEM

Discharge height: 104" (264.2 cm)

Degree of rotation: 270 deg

OPTIONS

Tree Commander remote control

Extended warranty

Special paint

Planned maintenance

Vermeer Confidence Plus® Asset Protection Program

Winch

Adjustable height discharge chute

NOTES:

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