

# 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 ft (45.7 m) winch line can handle logs up to 2,000 lb (907.2 kg) and can automatically lift the logs 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.



**TAKE CONTROL.** With the optional Tree Commander™ remote control, jobsite productivity can be 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.



**ENGINE OPTIONS.** The BC1500 is offered in either a 172-hp (128-kW) Origin 6.2 L gasoline engine or a 134-hp (100-kW) Cummins® F 3.8 Tier 4 Final engine.



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

# BC1500 BRUSH CHIPPER

## GENERAL

Length: 179 in (454.7 cm)

Height: 104 in (264.2 cm)

Width: 86 in (218.4 cm)

## ENGINE OPTION ONE

Make/Model: Cummins® F3.8 Tier 4 Final

Gross horsepower: 134 hp (100 kW)

Max torque: 406 ft-lb (550 Nm)

Fuel type: Diesel

Number of cylinders: 4

Weight without winch: 7,610 lb (3,450 kg)

Weight (with winch): 7,910 lb (3,590 kg)

## ENGINE OPTION TWO

Make/Model: Origin 6.2 L gasoline

Number of cylinders: 8

Gross horsepower: 172 hp (128 kW)

Torque: 322 ft-lb (436.6 Nm) @ 2,800 rpm

Fuel type: Gasoline

Recommended oil: API for gasoline engines

Oil volume with filter: 5 qt (4.7 L)

Coolant capacity (engine and radiator): 5 gal (18.9 L)

Alternator: 70 amp

Fan: 18.75 in (47.6 cm) suction

Weight without winch: 7,200 lb (3,266 kg)

Weight (with winch): 7,680 lb (3,484 kg)

## ENGINE OPTION THREE (LESSER REGULATED EMISSION COUNTRIES)

Make/Model: John Deere® 4045H Tier 3

Gross horsepower: 125 hp (93 kW)

Max torque: 355 ft-lb (481.3 Nm)

Fuel type: Diesel

Number of cylinders: 4

Contact your local Vermeer dealer for engine availability in your region.

## FEED SYSTEM

Chipping capacity: 15 in (38.1 cm)

Infeed opening height: 18.25 in (46 cm)

Infeed opening width: 15.75 in (40 cm)

Feed roller orientation: Vertical

Feed table height: 32 in (81.3 cm)

Max feed speed: 125 fpm (38.1 m/min)

Feed roller diameter: 20.9 in (53.1 cm)

## CUTTING SYSTEM

Drum speed: 2,050 rpm

Drum cutting diameter: 23.8 in (60.5 cm)

Drum thickness: .4 in (10.2 mm)

Knives: 2 – .625 in x 5 in x 8 in (1.6 cm x 12.7 cm x 20.3 cm)

Engagement system: Automotive-style clutch

## CAPACITIES/ELECTRICAL

Fuel tank: 50 gal (189 L)

Max hydraulic flow: 5.5 gpm (20.8 L/min)

DEF tank: 5 gal (18.9 L)

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

## CHASSIS/BRAKES

Frame: .25 in (6.4 mm) Z channel, 7 in (17.8 cm)

Tires: LT 285/75R16 LR E

Axle/Suspension: Torsion

## DISCHARGE SYSTEM

Discharge height: 104 in (264.2 cm)

Degree of rotation: 270°

## OPTIONS

Tree Commander™ remote control

Extended coverage

Special paint

Vermeer Confidence Plus® asset protection program

Winch

Hydraulic chute rotate

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