

# 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 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 either intentionally or automatically in an emergency situation.



**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 165 hp (123 kW) PSI 5.6L gasoline engine and 130 hp (97 kW) Cummins QSF 3.8L Tier 4 Final engine.



**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)

## ENGINE OPTION ONE

Make/Model: Cummins QSF3.8L Tier 4 Final

Gross horsepower: 130 hp (97 kW)

Max torque: 360 ft-lb (488.1 Nm)

Fuel type: Diesel

Number of cylinders: 4

Weight without winch: 7320 lb (3320.3 kg)

Tongue weight without winch: 1100 lb (498.9 kg)

Weight (with winch): 7800 lb (3538 kg)

## ENGINE OPTION TWO

Make/Model: PSI 5.7L gasoline - 165 hp (123 kW)

Number of cylinders: 8

Gross horsepower: 165 hp (123 kW)

Torque: 300 ft-lb (406.8 Nm) @ 1600 rpm

Fuel tank capacity: 45 gal (107.3 L) steel fuel tank

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" (47.6 cm) suction

Weight without winch: 6960 lb (3157 kg)

Tongue weight with winch: 1020 lb (462.7 kg)

Weight (with winch): 7360 lb (3338 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" (38.1 cm)

Infeed opening height: 18.25" (46 cm)

Infeed opening width: 15.75" (40 cm)

Feed roller orientation: Vertical

Feed table height: 32" (81.3 cm)

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

Feed roller diameter: 20.9" (53.1 cm)

## CUTTING SYSTEM

Drum speed: 2050 rpm

Drum cutting diameter: 23.8" (60.5 cm)

Drum thickness: .4" (10.2 mm)

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)

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" (6.4 mm) Z 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°

## OPTIONS

Tree Commander™ remote control

Extended warranty

Special paint

Planned maintenance

Vermeer Confidence Plus® asset protection program

Winch

Hydraulic chute rotate

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