

# BC1800XL BRUSH CHIPPER



**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 feed control bar use.



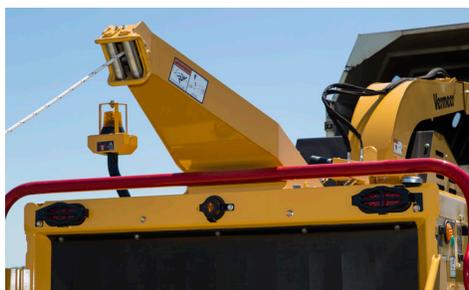
**INDEPENDENCE.** With the standard Tree Commander™ remote control, jobsite productivity is improved by allowing the operator to control brush chipper functions remotely. The remote can be attached to the operator's belt or held in an optional bracket mounted directly to the operator's station of a Vermeer mini skid steer.



**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.



**USER-FRIENDLY.** Mounted over the feed table, the four-position upper feed control bar enables the operator to stop the feed rollers and select forward or 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.



**MECHANICAL ADVANTAGE.** An optional winch allows operators to move large logs effortlessly. The 45.7 m winch line has 2,000 lbs (907.2 kg) pulling force and can automatically lift the log onto the feed table. With the chain choker detached is also more easily attached to log than hook-on cable designs.

**ECOIDLE™**

**FUEL ECONOMY.** When the ECOIDLE™ function is selected by the operator, the engine speed automatically lowers to a preset rpm after 1 minute or 5 minutes of inactivity to help reduce fuel consumption when not chipping material.

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# BC1800XL BRUSH CHIPPER

## GENERAL

Length: 449.5 cm

Height: 271.8 cm

Width: 199.4 cm

Weight (with winch): 4200 kg

## ENGINE OPTIONS

Make and model: Cummins QSB4.5 Tier 3\*

Horsepower: 170 hp (127 kW) @ 2500 rpm

Max torque: 460 ft-lb (623.7 Nm) @ 1500 rpm

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

## FEED SYSTEM

Chipping capacity: 19" (48.3 cm)

Infeed opening height: 24" (61 cm)

Infeed opening width: 20" (50.8 cm)

Feed roller orientation: Vertical

Feed table height: 86.4 cm

Feed speed (max): 35.7 m/min

Feed roller dimensions: (Two) 23.5" X 18" (59.7 cm x 45.7 cm)

## DISCHARGE SYSTEM

Discharge height: 271.8 cm

Degree of rotation: 270 deg

## CUTTING SYSTEM

Drum speed: 1100 rpm

Drum dimensions: 91.4 cm diameter

Drum thickness: 1.3 cm

Knives: 4 knives - 14 cm x 25.4 cm x 1.6 cm

Shear Bar: 4-sided - 7.6 cm x 51.4 cm x 3.2 cm

Engagement system: Automotive-style clutch

## CAPACITIES/ELECTRICAL

Fuel tank: 132.5 L

Hydraulic tank: 45.4 L

Hydraulic flow (max): 6.3 gpm (23.8 L/min)

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

## CHASSIS/BRAKES

Frame: C channel, 17.7cm x 5.4 cm

Tires: 235/75R17.5 Load Range H

Axle/Suspension: 4535.9 kg Torflex

Hitch: Pintle, 6 cm diameter

## OPTIONS

Extended warranty

Planned maintenance

Winch

Adjustable height discharge chute

## NOTES:

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