

# BC1000XL BRUSH CHIPPER



**OPERATOR SAFETY.** Combined with the patented bottom feed stop bar is the four-position upper feed control bar with dual stop positions and forward/reverse feed positions. Mounted over the feed table, it enables the operator to stop the feed rollers and select forward or reverse operations. Dual reset/hold-to-run buttons allow the operator to readily reset the bottom feed stop bar.



**LARGE FEED OPENING.** A large rectangular 12" x 17" (30.5 cm x 43.2 cm) feed opening helps boost productivity by reducing the need to trim material before feeding it into the chipper.

## ECOIDLE™

### ECOIDLE™ ENGINE CONTROL SYSTEM.

The EcoIdle engine control system can help aid in noise reduction, as well as help consumer less fuel if the feeding process has frequent interruptions.



**EXTENDED WARRANTY.** The 3-year/3000-hour extended limited warranty on drum housing, cutter drum, shaft and hubs offers peace of mind, in addition to the 1-year/1000-hour Vermeer equipment limited warranty.



**SMARTFEED.** The patented SmartFeed system helps increase operator productivity while reducing strain on vital engine parts. The feedsensing control system monitors engine rpm and automatically stops and reverses the feed roller when feeding larger, hardwood material.



**CLUTCHLESS PTO.** The throttle integrated with the belt drive engagement process helps ensure that the PTO can only be engaged while the engine is at low idle/low rpm. Automatically, the engine throttles up to full rpm after the belt drive is fully engaged. This system helps to reduce premature wear to the belt drive system by preventing high idle engagement of the cutter drum.

# BC1000XL BRUSH CHIPPER

## GENERAL

Length: 150" (381 cm)

Width: 66.5" (168.9 cm)

Height: 101" (256.5 cm)

Weight: 4995 lb (2265.7 kg)

## ENGINE OPTION ONE

Make and model: Deutz D2.9L Tier 4 Final

Horsepower: 49 hp (36.5 kW)

Max torque: 108 ft-lb (146.2 Nm)

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

## ENGINE OPTION TWO

Make and model: Deutz TD2.9L Tier 4 Final

Horsepower: 74 hp (55 kW)

Max torque: 181 ft-lb (245.4 Nm)

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

## FEED SYSTEM

Chipping capacity (max): 12" (30.5 cm)

Infeed opening height: 12" (30.5 cm)

Infeed opening width: 17" (43.2 cm)

Feed roller orientation: Single horizontal

Feed table height: 26" (66 cm)

Feed speed (max): 105 fpm (32 m/min)

Feed roller dimensions: 20" x 17" (50.8 cm x 43.2 cm)

## CUTTING SYSTEM

Drum dimensions: 20" diameter x 20" wide (50.8 cm x 50.8 cm)

Drum speed: 2050 rpm

Knives: Two A8 chipper steel reversible

Shear bar: Four usable edges

Engagement system: Clutchless belt drive PTO

## CAPACITIES/ELECTRICAL

Fuel tank: 25 gal (94.6 L)

Hydraulic tank: 7 gal (26.5 L)

Hydraulic flow (max): 2.7 gpm (10.2 L/min)

Electrical: 12 Volt

Lights: LED stop, turn, tail, license

## CHASIS/BRAKES

Frame: .25" x 7" (63.5 cm x 17.8 cm) Z channel

Tires: ST235/80/R16 load range E

Axle/Suspension: 5200 lb (2359 kg)/Torsion

Optional axle/suspension: 7000 lb (3175.1 kg)/Torsion

Electric brakes with breakaway switch

## OPTIONS

Extended warranty

Special paint

Planned maintenance

Vermeer Confidence Plus® Asset Protection Program

Hydraulic surge brakes

Tree Commander™ remote control

## NOTES:

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