

# BC1000XL BRUSH CHIPPER (EUROPEAN CONFIGURATION)



**ECOIDLE™ ENGINE CONTROL SYSTEM.** When the Ecolidle system is selected by the operator, the engine speed automatically lowers to a preset rpm after one minute or five minutes of inactivity to help reduce fuel consumption when not chipping material. This idling can help reduce emissions and noise.



**CLUTCHLESS PTO SYSTEM.** A clutchless PTO system allows the cutter to be engaged without using a traditional slip clutch or idler pulley and without sliding the engine. The system is convenient to maintain — once under the shield, belt changes are efficiently accomplished without the use of tools.



**SMARTFEED.** The SmartFeed system monitors engine rpm and automatically stops and reverses the feed rollers to maximize productivity. This system also senses feed roller jams and manipulates the material automatically to reduce the need for manual control bar use.



**CHIP DRUM.** The Vermeer BC1000 brush chipper uses a precision-balanced drum with two A8 double-sided knives to chip through material up to 30 cm (12 in).



**POWERFUL PERFORMANCE.** The 74 hp (55 kW) Stage V compliant Caterpillar diesel engine allows you not only to comply with Stage V emissions requirements, but also gives you the engine power to meet your jobsite needs.



**FEED ROLLER.** A large letterbox infeed opening at 44 cm x 30 cm (17.5 in x 12 in) helps boost productivity by reducing the need to trim material before feeding it into the chipper.

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## GENERAL WEIGHTS AND DIMENSIONS

Transport length: 441 cm

Transport width: 176 cm

Transport height: 265 cm

Total weight: 2430 kg

Tongue weight: 140 kg

## ENGINE

Make and model: Caterpillar Turbo Diesel

Number of cylinders: 4

Displacement: 2.2 L

Max gross power: 55 kW (74 hp)

Max torque: 270 Nm (200 lb-ft)

Cooling method: Liquid

## CAPACITIES

Hydraulic tank capacity: 26,8 L

Fuel tank capacity: 94,6 L

## FEED SYSTEM

Material chipping capacity: 30 cm

Infeed opening width: 43,2 cm

Infeed opening height: 30,5 cm

Number of feed rollers: 1

Feed roller diameter: 50,8 cm

Orientation: Horizontal

Clamping force: 160 kg

## DISCHARGE SYSTEM

Chute height: 265 cm

Manual deflector with selectable spring lock positions

Chute rotation: 270°

## INFEED TABLE

Width: 132 cm

Distance from center feed roller to end table: 170 cm

Distance from table to ground: 81 cm

## CHASSIS

Wheel assembly: 215R17.5

Lights: 12 V LED

Axle/Suspension: Knott 2500 kg, rubber torsion, single axle

Surgebrake: Type Knott KRV 30-B

## FEATURES AND OPTIONS

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Confidence Plus 2 and 3 year packages

**NOTES:**

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