

BC1000XL BRUSH CHIPPER



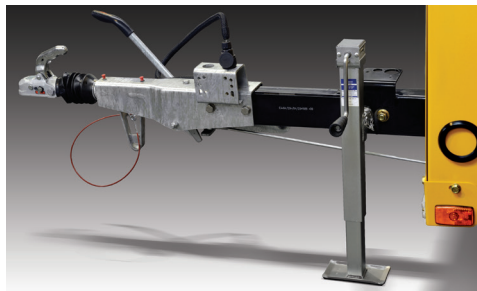
OPERATOR SAFETY. Mounted over the feed table, the four-position upper feed control bar enables the operator to stop the feed rollers and select forward or reverse. The patented Bottom Feed Stop Bar is strategically located to make it possible for an operator's leg to strike the bar and shut off the feed mechanism either intentionally or automatically in an emergency situation.



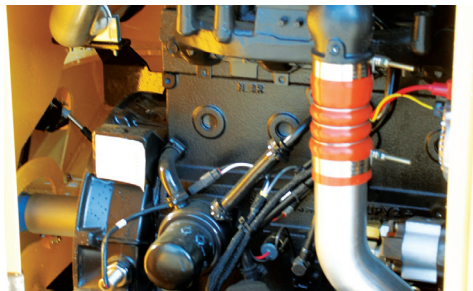
CLUTCHLESS PTO SYSTEM. A clutchless PTO system allows the cutter to be engaged without using a traditional slip clutch or idler pulley and without sliding the engine. The system is simple to maintain - once under the shield, belt changes are easily accomplished without the use of tools.



PATENTED SMARTFEED SYSTEM. The patented SmartFeed system helps to increase operator productivity while reducing strain on vital engine parts. The feed-sensing control system monitors engine rpm and automatically stops and reverses the rollers when feeding larger, hardwood material.



EUROPEAN HITCH AND SURGE BRAKE. The full type approved European undercarriage comes with a Knott axle and surge brake. The heavy-duty undercarriage provides good towing performance on-road.



POWERFUL PERFORMANCE. The Cummins B3.3 turbo Stage IIIB engine delivers 55 kW (74 hp) of power for excellent performance.



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



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European configuration shown.

Vermeer

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BC1000XL BRUSH CHIPPER - EUROPEAN CONFIGURATION

GENERAL

Transport length: 443,5 cm

Width: 167,6 cm

Transport height: 256,5 cm

Total weight: 2380 kg

Max permitted weight: 2500 kg

Tongue weight: 100 kg

Max permitted tongue weight: 150 kg

Material chipping capacity: 30 cm

Infeed opening:

Width: 43,2 cm

Height: 30,5 cm

ENGINE

Cummins Turbo Diesel

No. of cylinders: 4

Displacement: 3,3 L

Max. gross power: 55 kW (74 hp)

Max. torque: 245,4 Nm (181 ft lbs)

Cooling: liquid

CAPACITIES

Hydraulic tank capacity: 26,8 L

Fuel tank capacity: 94,6 L

DISCHARGE SYSTEM

Chute height: 252 cm

Manual deflector with selectable spring lock positions

DRUM

Knives: Two A8 chipper steel

Drum diameter: 50,8 cm

Drum width: 50,8 cm

Drum speed: 2000 rpm

Drum weight: 162,9 kg

Safety lock: 2 position

FEED SYSTEM

No. of feed rollers: 1

Feed roller diameter: 50,8 cm

Orientation: Horizontal

Clamping force: 181 kg (weight)

Distance from drum: 25,4 mm @ closest point

INFEED TABLE

Width: 132 cm

Distance from center feed roller to end table: 176,5 cm

Distance from table to ground: 62,2 cm

CHASSIS

Wheel assy: 215R17.5 C8

Lights: 12V LED

Axle/Suspension:

Knott 2500 kg, rubber torsion, single axle

Surgebrake: Type Knott KRV 30-B

FEATURES AND OPTIONS

Lockable engine shield

Lockable fuel tank access

Lockable control panel

SmartFeed

Instrumentation:

Tachometer/Hourmeter, fuel gauge, alternator warning light, coolant temp, engine oil pressure, volt meter, air filter restriction indicator

Standard 50 mm ball hitch (additional 40 mm DIN eye available)

Lockable instrument panel cover (optional)