

BC1800XL 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 log onto the feed table.



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.



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.

ECOIDLE™

ECOIDLE™ ENGINE CONTROL SYSTEM. When the Ecolidle 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. Due to this idling, noise and greenhouse emissions are also reduced.

**3 YEAR/
3000 HOUR
WARRANTY**

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

BC1800XL BRUSH CHIPPER

GENERAL

Length: 14.8' (4.5 m)

Height: 107" (271.8 cm)

Width: 78.5" (199.4 cm)

Weight (w/o winch and hydraulic jack): 9320 lb (4227.5 kg)

Weight (w/ winch and hydraulic jack): 9660 lb (4381.7 kg)

ENGINE OPTIONS

Make/model: John Deere Tier 4i (Stage IIIB) PE4045HFC92

Gross horsepower: 115 hp (86 kW) @ 2200 rpm

Max torque: 354 ft-lb (480 Nm) @ 1600 rpm

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

Make and model: John Deere Tier 4i (Stage IIIB) PE4045HFC92

Horsepower: 137 hp (102 kW) @ 2200 rpm

Max torque: 381 ft-lb (516.6 Nm) @ 1600 rpm

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

Make and model: John Deere Tier 4i (Stage IIIB) PE4045HFC93

Horsepower: 173 hp (129 kW) @ 2200 rpm

Max torque: 476 ft-lb (645.4 Nm) @ 1600 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: 34" (86.4 cm)

Feed speed (max): 117 ft/min

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

CUTTING SYSTEM

Drum speed: 1100 rpm

Drum dimensions: 36" (91.4 cm) diameter

Drum thickness: .5" (1.3 cm)

Knives: 4 knives - 5.5" x 10" x .625" (14 cm x 25.4 cm x 1.6 cm)

Bedknife: 4-sided - 3" x 20.25" x 1.25" (7.6 cm x 51.4 cm x 3.2 cm)

Engagement system: Automotive-style clutch

CAPACITIES/ELECTRICAL

Fuel tank: 35 gal (132.5 L)

Hydraulic tank: 12 gal (45.4 L)

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

Lights: LED front, rear, side, brake and tail lights

CHASSIS/BRAKES

Frame: C channel, C6" x 8.2 lb (15.2 cm x 3.7 kg)

Tires: 235/75R17.5 Load Range J

Axle/Suspension: 10,000 lb (4535.9 kg) rubber torsion with electric brakes

Hitch: Pintle 2.375" (6 cm) diameter

DISCHARGE SYSTEM

Discharge height: 107" (271.8 cm)

Degree of rotation: 270 deg

OPTIONS

Extended warranty

Special paint