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A GLOBAL INITIATIVE

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BC1200XL BRUSH CHIPPER



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## Brush be gone.

Large brush doesn't stand a chance when it meets the unrelenting power of the Vermeer BC1200XL brush chipper. The Tier 4i (Stage IIIB) BC1200XL features a 120 hp (89.5 kW) engine giving the chipper enough power to tear through material up to 12" (30.5 cm) in diameter.

The Vermeer exclusive SmartFeed system automatically monitors engine speed and stops and reverses the feed rollers if needed, reducing the strain on the engine. Coupled with Ecolidle™ engine control system which automatically idles the engine after either 60 seconds or 5 minutes of inactivity reduces noise, greenhouse emissions and improves fuel economy, these two Vermeer innovations bring unsurpassed productivity to today's jobsite.

The BC1200XL includes a strategically located bottom feed stop bar makes it possible for an operator's leg to either intentionally or automatically strike the bar and shut off the feed mechanism in an emergency. The optional winch features a winch line interlock, which requires the end of the winch line to be attached to an interlock hook in order for the feed rollers to be operable.

Performance where you need it, your fleet.

**1: Dual horizontal offset feed rollers** improve performance by aggressively grabbing and feeding material to the drum. The offset helps the upper feed roller climb over big logs or material with lots of branches or forks.

**2: Easily lifts 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 be used to lift the log onto the feed table.

**3: Tier 4i (Stage IIIB) engine to fit your needs.** With a 120 hp (89.5 kW) Tier 4i (Stage IIIB), contractors have the ability to power through 12" (30.5 cm) material on their jobsite. A steel engine enclosure helps provide additional durability.

**4: A clutchless PTO system** reduces premature wear to the belt-drive system by preventing high-speed engagement of the cutter drum. The throttle is integrated with the belt drive to help ensure the PTO can be engaged only while the engine is at low speed.

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



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# Ecolidle

## 6: Ecolidle engine control system.

When the Ecolidle function is selected by the operator, the engine speed automatically lowers to a preset rpm after 60 seconds 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.

## BC1200XL SPECIFICATIONS

### GENERAL

Weight (without winch): 5825 lb (2642.2 kg)

Weight (with winch): 6150 lb (2789.6 kg)

Transport length: 14' (4.3 m)

Width: 79" (200.7 cm)

Height: 103" (261.6 cm)

### ENGINE

Make/Model: Cummins B3.3 Turbo Tier 4i (Stage IIIB)

Horsepower: 120 hp (89.5 kW)

Max torque: 306 ft-lb (414.9 Nm) @ 1600 rpm

Fuel type: Diesel

Number of cylinders: 4

Cooling medium: Liquid

### CAPACITIES

Fuel tank: 25 gal (94.6 L)

Hydraulic tank: 12 gal (45.4 L)

### CUTTING SYSTEM

Drum size: 20" dia. X 20" (50.8 cm dia. x 50.8 cm) wide

Speed: 2000 rpm

Knives: Two A8 chipper steel

Shear bar: Four useable edges

### FEED / DISCHARGE SYSTEM

Infeed throat/feed capacity: 13.3" x 17" (33.7 cm x 43.2 cm)

Infeed opening: 52" x 32" (132.1 cm x 81.3 cm)

Feed table length: 30.1" (76.5 cm)

Feed table height: 32" (81.3 cm)

Feed roller style: Dual horizontal offset

### CHASSIS

Frame: 7" x .25" (17.8 cm x .6 cm) Z-channel

Tires (option 1): ST235/80/R16 Load Range E

Tires (option 2): ST285/75/R16 Load Range E

Axle/Suspension: 7000 lb (3175.2 kg) rubber torsion

Electric brakes with breakaway switch

### ELECTRICAL

System voltage: 12 V

Lights: LED brake, turn, tail, license, side indicators