

# Vermeer®

Brush Chipper

# BC1000XL

49



# Vermeer®

# BC1000XL

# 49

## **Efficiency, Productivity and Safety**

Looking for productivity and safety for your line-clearing and rental operations? Then look no further than Vermeer. The new 49 hp (36.5 kW) Vermeer BC1000XL, provides the latest innovations, productivity, operator safety and power efficiency.

Equipped with a CAT 2.2L Tier 4a diesel engine, the BC1000XL delivers efficiency to chip through some of your toughest jobs, while the 25-gal (94.6-L) fuel tank cuts the time spent refueling and increases time spent on the jobsite.

The strategically located Bottom Feed Stop Bar enables the operator's leg to shut off the feed mechanism by hitting the bar — either intentionally or automatically — in an emergency situation.

The heavy-duty, all-steel engine enclosure is designed to hold up to the daily use and wear of your jobsites.

The unit's large feed opening enables you to process material up to 12" (30.5 cm) in diameter, making it an ideal machine for line-clearing contractors, rental yards and municipalities. In addition, patented productivity enhancements like SmartFeed are standard on the BC1000XL.

When it comes to line clearing — look to a name you can trust. Vermeer.



### **49 hp (36.5 kW) diesel engine.**

*The BC1000XL is equipped with a CAT 2.2L Tier 4a engine, providing 49 hp (36.5 kW) to process material up to 12" (30.5 cm) in diameter. A steel engine enclosure helps provide additional durability.*



### **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.*



### **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.*

# Brush Chipper



**The patented SmartFeed system** helps increase operator productivity while reducing strain on vital engine parts. The feed-sensing control system monitors engine rpm and automatically stops or reverses the rollers when feeding larger, hardwood material. Plus, it senses feed-roller jams and responds by automatically shifting material back and forth, reducing the need for manually manipulating the control bar.



**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.

## BC1000XL Specifications

### General

Weight: 4680 lb (2122.8 kg)  
Transport length (feed table up, tongue in): 12.5' (3.8 m)  
Transport width: 66.5" (168.9 cm)  
Transport height: 101" (256.5 cm)

### Engine Options

Make and model: CAT C2.2L Tier 4a  
Horsepower: 49 hp (36.5 kW)  
Max torque: 103 ft-lb (139.6 Nm)  
Fuel type: Diesel  
Number of cylinders: 4  
Cooling medium: Liquid

### Capacities

Fuel tank: 25 gal (94.6 L)  
Hydraulic tank: 7 gal (26.5 L)

### Cutting System

Drum size: 20" dia. x 20" (50.8 cm dia. x 50.8 cm)  
Speed: 2000 rpm  
Knives: Two A8 chipper steel  
Shear bar: Four usable edges

### Feed/Discharge System

Infeed throat/feed capacity: 12" x 17" (30.5 cm x 43.2 cm)  
Infeed opening: 52" x 32" (132.1 cm x 81.3 cm)  
Feed table length: 32" (81.3 cm)  
Feed table height: 26" (66 cm)  
Feed roller style: Horizontal  
Infeed rate: 0 fpm – 105 fpm (0 m/min – 32 m/min)

### Chassis

Frame: .25" x 7" (.6 cm x 17.8 cm) Z channel  
Tires (option 1): ST225/75/R15 Load Range D  
Tires (option 2): ST235/80/R16 Load Range E  
Axle/suspension: 5200 lb (2358.7 kg) rubber torsion  
Electric brakes with breakaway switch

### Electrical

System voltage: 12 V  
Lights: Stop, turn, tail, license



**The 3-year / 3,000-hour extended limited warranty** on drum housings, cutter drums, shaft, and ring-feeder hubs offers you peace of mind, in addition to the 1-year / 1,000-hour Vermeer equipment limited warranty.

# The Vermeer dealer network: Reliable support, all over the world.



*With nearly 200 locations across the globe - you're never far from an independent, authorized Vermeer dealer. Our dealers are in place to support your success with product expertise that's second to none.*



*When you need service, you can count on your local Vermeer dealer. With multiple locations, remote service trucks, and factory-offered technician training, your local Vermeer dealer offers reliable service that keeps your equipment running.*



*Vermeer parts are designed and manufactured to original specifications, so whether they're new parts or replacement parts, they'll live up to the Vermeer name.*



**Vermeer EMEA**  
(Europe, Middle East, Africa and CIS)  
P.O. Box 323  
4460 AS Goes  
the Netherlands  
Phone: +31 113 272700  
Fax: +31 113 272727

**Vermeer Corporation**  
1210 Vermeer Road East  
P.O. Box 200  
Pella, Iowa 50219 U.S.A.  
Phone: (641) 628-3141  
Fax: (641) 621-7773  
International fax: +1 (641) 621-7730  
[www.vermeer.com](http://www.vermeer.com)

**Vermeer Asia Pacific**  
48 Toh Guan Road East  
#01-105 Enterprise Hub  
Singapore 608586  
Phone: +65 6516 9560  
Fax: +65 6515 9218

**Call toll-free 1-888-VERMEER**  
1-888-837-6337 (USA only)

## Building Industry Alliances to Serve You Better.

*Vermeer has forged strong strategic alliances with tree-industry giants that include Sherrill Incorporated and ArborMaster Training. These alliances ensure that top-quality industry support is the standard at Vermeer dealerships. Membership with the NAA and ISA helps Vermeer stay in touch with the customers it serves and the issues they face.*



Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information about machine specifications. Vermeer Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation.

Vermeer and the Vermeer logo are trademarks of Vermeer Manufacturing Company in the U.S. and / or other countries.

Cummins is a trademark of Cummins Engine Company, Inc. Sherrill is a trademark of Sherrill Incorporated. ArborMaster Training is a trademark of ArborMaster.

© 2009 Vermeer Corporation. All Rights Reserved.