

Vermeer®

Horizontal Grinder

HG 200



Vermeer®

HG200

Get a Vermeer Grinder in a Chipper-Sized Package.

The Vermeer HG200 compact horizontal grinder turns wood chips, construction debris, and green waste into a range of usable end products that include ground cover, landscape mulch, animal bedding and compost. It provides residential tree-care contractors, sawmills, home builders, and contractors with an economical alternative to incurring disposal fees or stockpiling unusable chips.

Powered by a reliable 85 hp (63.4 kW) Cummins diesel engine, the compact HG200 unit has a gross weight of 5540 pounds (2512.9 kg), making it easy to transport in residential areas. Plus, the machine's light weight reduces ground disturbance on residential yards and golf courses.

A hammermill drum cutting system and replaceable screens provide optimum cutting performance and uniform sizing of the end product.



Horizontal Grinder



Enhance efficiency. The unit's side-discharge conveyor belt allows operators to load processed material into dumpsters or pickup trucks, or to create windrows of processed material.



Increase grinding productivity. The patented Vermeer SmartFeed system monitors engine rpm rates and automatically stops and / or reverses the feed roller and feed conveyor to help enhance production.



Save time with one-person screen change. Operators can load screens by hand without the use of additional support equipment or personnel.



Turn waste into marketable mulch. The hammermill drum produces uniform-sized mulch by processing wood chips through screens, with a range of sizes and openings. A hinged lid located directly above the hammermill and screens enables easy access for drum maintenance and screen changings.

HG200 Specifications

General

Transport weight (long infeed): 5540 lb (2512.9 kg)
Transport weight (short infeed): 5470 lb (2481.2 kg)
Tongue weight (long infeed): 640 lb (290.3 kg)
Tongue weight (short infeed): 730 lb (331.1 kg)
Axle weight (long infeed): 4900 lb (2222.6 kg)
Axle weight (short infeed): 4740 lb (2150 kg)
Transport length (long infeed): 19.8' (6 m)
Transport length (short infeed): 17.8' (5.4 m)
Transport width: 66" (167.6 cm)
Transport height: 81.6" (207.3 cm)

Hammermill

Drum tip diameter: 22.3" (56.6 cm)
Rotor cutting length: 16.5" (41.9 cm)
Number of hammers: 10
Cutter type: (2) Bolt narrow block cutter
2" x 3.5" (5.1 cm x 8.9 cm)
Screens: (2) 1/2" thick various shape, size openings
Screen area: 592 sq in (.38 m²)
Drum rpm: 1930 rpm

Engine

Model: Cummins B3.3 turbocharged
Horsepower: 85 hp (63.4 kW)
Max engine torque @ 1600 rpm:
215 ft-lb (291.5 Nm)
No. of cylinders: 4
Displacement: 199 cu in (3261 cm³)
Type of fuel: Diesel
Fuel consumption: 4.77 gph (18.1 L/h)
Fuel tank capacity: 25 gal (94.6 L)
Operating range: 5.2 hrs
Electrical system: 12 V DC
Cooling medium: Liquid

Drive Line

Clutch: Clutchless PTO
Belt drive: 5 V laminated polyester cord

Infeed System

Feed roller diameter: 20" (50.8 cm)
Feed throat height: 12.5" (31.8 cm)
Feed roller down force: 2000 lb @ 700 psi
(8889 N @ 48.3 bar)
Feed table type: Smooth or cleated conveyor belt

Feed table width: 15" (38.1 cm)
Feed table length (short): 4' (1.2 m)
Feed table length (long): 6' (1.8 m)
Conveyor speed: 0 – 47 fpm (0 – 14.3 m/min)
Feed table load height: 40" (101.6 cm)

Discharge System

Conveyor type: Folding side discharge
Conveyor belt width: 18" (45.7 cm)
Conveyor belt speed: Variable up to 700 fpm
(213.4 m/min)
Belt design: Cleated
Conveyor length: 91" (231.1 cm)
Discharge height: 5.5' (1.7 m)

Trailer

Tongue jack: 2000 lb (907.2 kg) capacity
Axle rating: 7000 lb (3175.2 kg)
No. of axles: 1
Tires: ST235/80R16
Wheels: 16" x 6" (40.6 cm x 15.2 cm)
8 bolt / 6.5" (16.5 cm) BCD
Brakes: Electric
Hitch type: Pin, pintle, ball, 2-5/16" (5.9 cm)
Rear stabilizer: 3500 lb (1587.6 kg) capacity
Fenders: Steel, bolt-on
Ground clearance: 11.4" (29 cm)

Hydraulic System

Pump type: Tandem gear pump
Oil tank capacity: 7.5 gal (28.4 L)
Oil type: Hypower 68
System pressure: 2100 psi (144.8 bar) infeed;
2700 psi (186.1 bar) discharge
Filtration: Return filter with suction strainer in tank
Oil cooler: Single pass, aluminum
Fins per Inch: 11

Optional

Magnetic drive pulley: 6" (15.3 cm) diameter
Screen sizes: Various shape, size openings
Infeed belt: Smooth or cleated
Deluxe instrumentation: Tachometer/Hour meter,
fuel, coolant temp, oil psi, volt meter, air
restriction indicator
Extended warranty: 24-month / 2,000-hours or
36-month / 3,000-hours parts only coverage

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

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. ArborMaster training is a trademark of ArborMaster. Sherrill is a trademark of Sherrill Incorporated.

© 2010 Vermeer Corporation. All Rights Reserved.