

HG4000 HORIZONTAL GRINDER



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## The Efficiency Advantage.

In your business, few elements are more important than efficient production. It is with that inspiration Vermeer offers the all-new HG4000 horizontal grinder. Municipal waste facilities, pallet and sawmill operations, and compost contractors alike will appreciate the cost of operation-minded features that define this day-in, day-out performer.

Powered by a Tier 4i (Stage IIIB) certified, 445 hp (332 kW) Fiat Powertrain Technologies (FPT) diesel engine and cooled by an array of electrically powered, variable speed fans, the HG4000 offers class-leading fuel savings and low sound level all while diverting maximum power to material processing functions.

For overall operational efficiency, the HG4000 offers several design considerations to reduce material build-up around the machine. Among them include flared infeed table sidewalls, a dome top infeed chain, and single piece belly and discharge belt.



Sawmill byproducts (slabs, veneer), pallets and scrap lumber, and green waste (brush/yard) are just a few of the applications the HG4000 has proven efficient production.





**1. Among several industry-leading safety features, the Thrown Object Restraint System (TORS) reduces the quantity and distance of thrown debris.**

**2. The patented Series II duplex drum (also known as the mill) with its reversible hammers and grinder tips offers nearly double the life of single-sided designs.**

**3. For access in uneven terrain, the HG4000 offers class-leading 17" (43.2 cm) of ground clearance.**





**4. Wireless remote control unit** enables the operator to change a variety of settings and monitor engine parameters from the loader cab or a remote location.

**5. A class-leading 60" (152.4 cm) wide infeed table** with flared sidewalls can accommodate a large volume of material.





*The infeed roller crush boost button momentarily enables increased hydraulic pressure be applied to reduce material slippage for productive entry into the mill.*

*6. To reduce sound levels and maximize power to material processing functions, the cooling system includes electrically powered, variable speed and reversible fans.*

*7. With a top-load access design, screen changeout and service is convenient when completed with the material loading equipment already onsite.*

*8. For additional confidence, the reliable PT Tech clutch is offered with a 2-year, 2000-hour warranty.*

*9. A full discharge conveyor, capable of loading at a height of 14' (4.3 m), can reduce costs associated with additional material handling equipment and supplementary conveyors.*

# HG4000 SPECIFICATIONS

## GENERAL

**Weight:** 44,000 lb (19,958 kg)

**Transport length:** 31' (9.4 m)

**Operational length:** 52' (15.8 m)

**Width:** 8.2' (2.5 m)

**Height:** 13.1' (4 m)

**Hitch type:** 5th wheel

**Tongue weight:** 12,000 lb (5443.1 kg)

**Axle weight:** 32,000 lb (14,515 kg)

**Sound power:** 113 dB(A)

## HAMMERMILL

**Millbox opening width:** 60" (152.4 cm)

**Millbox opening height:** 26" (66 cm)

**Number of hammers:** 9

**Number of cutters:** 18

## ENGINE

**Model:** Fiat Powertrain Technologies (FPT) C13 ENT

**Full-load gross power:** 445 hp (332 kW)

**Fuel tank capacity:** 195 gal (738 L)

**Cooling system:** 14 - 12" (30.5 cm) electronically-controlled fans, variable speed, reversible

## INFEED SYSTEM

**Feed table width:** 60" (152.4 cm)

**Feed table length:** 15' (4.6 m)

## DISCHARGE SYSTEM

**Load height:** 14' (4.3 m)

Please see [Vermeer.com](http://Vermeer.com) for full model specifications.



The HG4000 joins the family of Vermeer products serving the woodwaste processing and recycling industries:



Available in both trailer-mounted and track-driven configurations, Vermeer horizontal grinders offer the industry-recognized SmartGrind feed system and the serviceability-minded duplex drum standard.



With power and features for tomorrow's high volume land clearing and wood recycling applications, look to the proven lineup of Vermeer tub grinders.



The operator-inspired group of Wildcat by Vermeer trommel screens offers a range of options to fit your needs and budget.



Both elevating-face and drum-style configurations define the Wildcat by Vermeer line-up of compost-turning equipment.



Backed by decades of market experience, Vermeer offers the industry's largest and most diverse line of tree-focused solutions, including brush chippers, stump cutters and whole tree chippers (shown).

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