

HG4000 HORIZONTAL GRINDER





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.

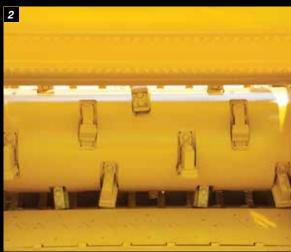




Sawmill byproducts (slabs, veneer), pallets and scrap lumber, and green waste (brush/yard) are just a few of the applications the HG4000 has proven efficient production.









- 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.









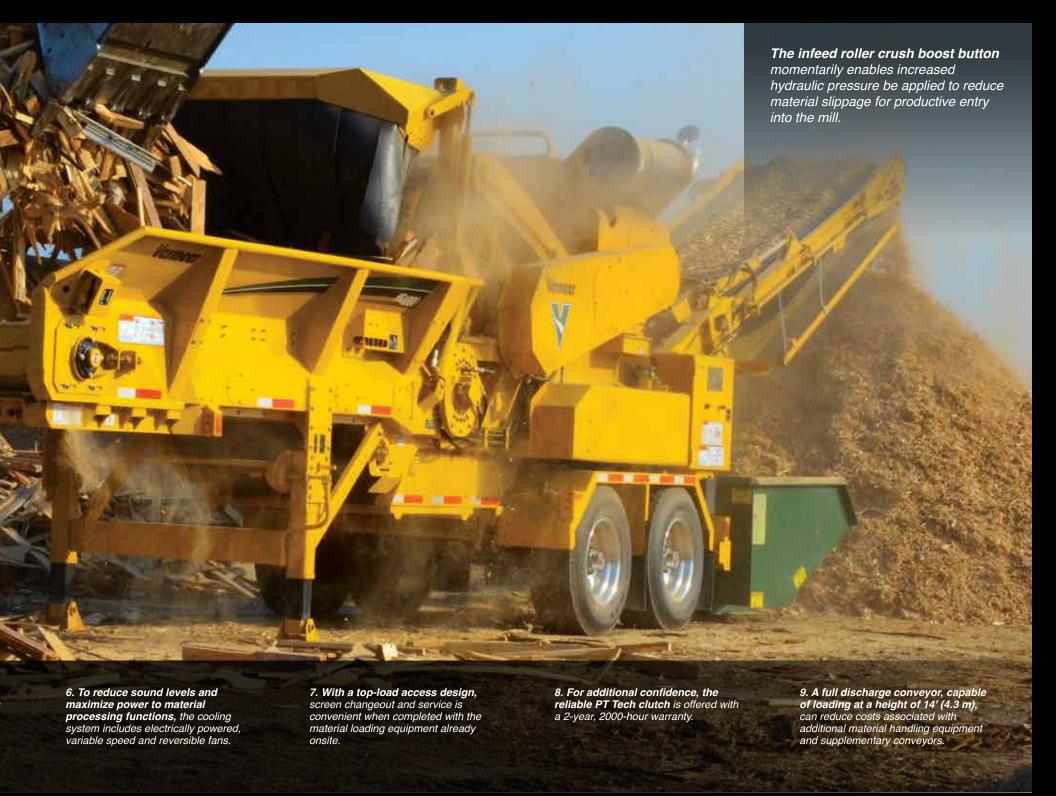






4. Wireless remote control unit enables the operator to change a variety of settings and monitor engine parameters from the loader cab or a remote location.

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



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 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.



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



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



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).



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

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A GLOBAL INITIATIVE

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