

HG4000 HORIZONTAL GRINDER



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.

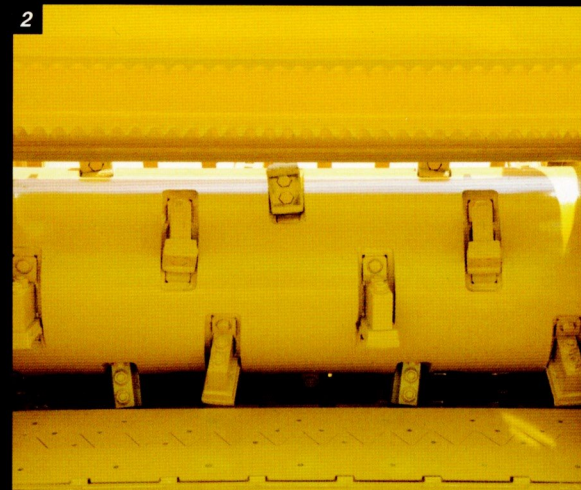


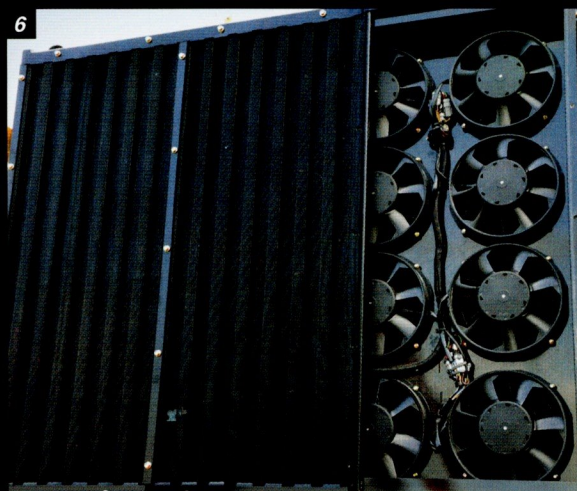


1. Among several industry-leading safety features, the Thrown Object Restraint System (TORS) reduces the quantity and distance of thrown debris.

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 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).