



**POWERFUL FEED ROLLER.** The feed roller is equipped with aggressive teeth, coupled with down pressure, that provide pull in power and maintain control of the material being fed to help get the job done efficiently. The feed roller drive planetary is fully enclosed for protection from debris and also allows for a tight clearance between the feed roller and mill housing. This helps minimize material blockage and reduces the power required to feed material.



**CAT ENGINE POWER.** The 536 hp CAT C13B engine provides the horsepower needed for processing difficult materials, while also enabling worldwide service and support for maximum productivity.



**DUPLEX DRUM.** The patented Series III duplex drum offers proven cutting performance, and reversible hammers and tips that nearly double the wear life of single-sided designs, while easing daily maintenance. The optional chip drum produces a consistent chip end-product, rather than traditional shredded material, for uses such as biofuel. Plus, the drum has bolted-in components to help efficiency compared to welded systems and a wedge design that holds the hammers in place, which can make it convenient to service.



**COMPLETE CONTROL.** A state-of-the-art wireless remote control unit allows the operator to run most machine functions from up to 300 ft (91.4 m) away. This lets the operator, from the cab, adjust machine settings as the materials change, including control of the infeed settings, engine droop, conveyor height and more. Operators can spend more time in the cab throughout the day, and make machine adjustments quickly.



#### **CONTAMINATION DEFENSE.**

The optional Vermeer-exclusive Damage Defense system helps reduce the likelihood of certain metal contaminants from entering the hammermill by reversing the infeed and turning off the feed system when it senses the initial metal contact. These metal contaminants entering the hammermill can damage the machine, so the Damage Defense system helps keep the machine productive by stopping certain metal contaminants from being processed.



**ANVIL.** The anvil provides the cutting action between the grinder drum or chip drum, and helps break apart the material. The anvil mount structure has been redesigned to handle the high horsepower. This redesign eases the replacement process of the hard-faced wear edge, which results in less time required for maintenance.













# **HG4000** HORIZONTAL GRINDER (EU CONFIGURATION)

# **GENERAL WEIGHTS AND DIMENSIONS**

Weight: 25.000 kg (55,155 lb) pintle hitch / 24.000 kg (52,910 lb)

fifth wheel hitch

Max transport length: 11.3 m (37 ft) pintle hitch / 9.7 m (32 ft)

fifth wheel hitch

Max transport width: 2.5 m (8.2 ft) Max transport height: 4 m (13 ft)

## **ENGINE**

Make and model: Caterpillar C13B T4F/STAGE V

Max gross horsepower: 400 kW (536 hp)

Fuel tank capacity: 757 L

## **INFEED CONVEYOR**

Feed table width: 152,4 cm (60") Feed table length: 4,6 m (15') Loading height: 2,3 m (7.6')

#### **INFEED ROLLER**

Max feed height: 106,7 cm (42")

**Diameter:** 71 cm (28")

# **DUPLEX DRUM OPTION**

Millbox opening: 152,4 cm (60") x 78,7 cm (31")

**Drum diameter:** 57,2 cm (22,5")

Number of hammers: 9

Number of tips: 18

#### **CHIP DRUM OPTION**

Millbox opening: 152,4 cm (60") x 78,7 cm (31")

**Drum diameter:** 69,3 cm (27,3")

Depth of cut range: 3,2 mm (.125") to 25,4 mm (1")

Number of knives: 24

## DISCHARGE SYSTEM

Length: 6,1 m (20') Width: 1.2 m (48")

Belt design: 3-ply-330# with V-cleat

### HYDRAULIC SYSTEM

Tank capacity: 29 L (7,7gal)

Implement pump type: Variable displacement, axial piston Discharge conveyor pump: Fixed displacement gear pump

## **CONTROLS**

Stationary: Side mounted multicolor touch screen

Remote: Multifunction with build in LCD Remote range: Max. 91,4 m (300')

#### **OPTIONS**

Vermeer Confidence Plus® asset protection program

Special paint Air compressor Screen hoist

Overband magnet

Creep drive

Damage Defense system

IOTES:	

