

Vermeer®

Horizontal Grinder

HG365E



On-Site Power, Same Great Performance

The Vermeer HG365E stationary electric-powered horizontal grinder is for wood waste-processing customers who value environmentally friendly solutions. This innovative product concept is developed for customers who require a stationary grinding solution indoors* or outdoors. The HG365E also answers the needs of customers who demand an organic waste reduction option that helps eliminate fuel emission issues.

Flexibility was key in the design of the HG365E, which can be configured to meet a wide variety of organic waste-grinding applications such as pallet manufacturing, construction and building material manufacturing and co-generation plants. The machine can function as a stand-alone unit,

or it may operate as one component of a waste-reduction system.

The HG365E has an open-end feed conveyor large enough to accommodate an entire pallet without needing to trim or prepare materials for grinding. A 250 hp (187.4 kW), 460-volt three phase Baldor electric motor powers the hammermill, while all other hydraulic functions are driven by a separate 50 hp (37.3 kW) Baldor motor. The HG365E offers the same innovative and labor-saving features - such as the SmartFeed system and the patented duplex drum system - as others in the Vermeer grinder lineup.

**Indoor installations will require evaluation of the work area by the installer to ensure compliance with applicable regulations.*

HG365E Specifications

General

Weight: 32,040 lb (14,533.1 kg)
Transport length: 25.6' (7.8 m)
Width: 8.4' (2.6 m)
Height: 119" (302.3 cm)
Reversible fan: Yes

Hammermill

Rotor diameter: 29" (73.7 cm)
Rotor cutting length: 46" (116.8 cm)
Number of hammers: 8 hammers with 16 cutter blocks, reversible
Number of cutter blocks: 16, reversible
Hammer tooth: Wide block cutter
Screen options: Multiple sizes available, specialty screens available on request

Infeed System

Feed roller diameter: 28" (71.1 cm)
Feed throat height: 24" (61 cm)
Feed roller down pressure: Hydraulic manual control
Feed table type: Chain and slat
Feed table width: 50" (127 cm)
Feed table length: 14' (4.3 m)
Hopper load height: 83" (210.8 cm)

Controls

Stationary: Side-mounted control station
Radio remote: Optional

Discharge

Belly conveyor width: 48" (121.9 cm)

Hydraulic System

Pump: Pressure and flow compensated
Conveyor pump: Fixed displacement gear pump
Implement type: Variable displacement
Oil tank capacity: 50 gal (189.3 L)
Oil type: Hi-power 68

Options

Skid-mount
15' (4.6 m) loadout conveyor
25' (7.6 m) loadout conveyor

Electric Motors

Brand: Baldor
Fan motor: 1 hp (.75 kW)
Hydraulic motor: 50 hp (37.3 kW)
Mill motor: 50 hp (186.4 kW)
Voltage 460 (all motors)
Phase: 3 (all motors)
Hertz: 60 (all motors)



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