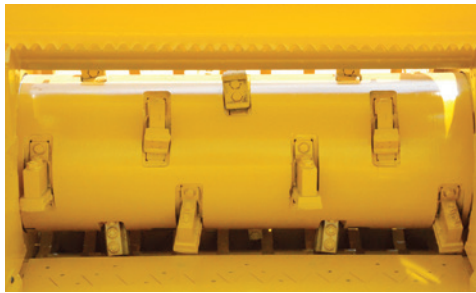


HG4000E

HORIZONTAL GRINDER



DUPLEX DRUM. To reduce daily maintenance time, the patented duplex drum, designed with reversible tips and hammers, is available.



CHIP DRUM. For enhanced flexibility within a single machine, a dedicated chip drum, adjustable for product size ranging from .125" to 1" (.3 cm to 2.5 cm), is available.



DUAL SCREENS. Hinged, dual screens boost processing efficiency and offer flexibility in end-product sizing.



WIDE INFEE TABLE. A 60" (152.4 cm) wide infeed table with flared sidewalls can accommodate a large volume of material.



MOTOR STARTER PANEL. The motor starter panel provides options to configure a control system that best fits your application — whether that's a soft-start or variable frequency drive (VFD) panel.



ELECTRIC MOTORS. Equipped with a 500 hp (373 kW) WEG totally enclosed, fan-cooled electric motor to power the mill. A separate 50 hp (37 kW) electric motor powers the pump for the hydraulic circuits, while a 2 hp (1 kW) electric motor powers the fan to cool the hydraulic system.

HG4000E HORIZONTAL GRINDER

GENERAL DIMENSIONS

Max transport length: 31.1' (9.5 m)

Max transport width: 8.4' (2.6 m)

Max transport height: 11.9' (3.6 m)

Weight: 38,900 lb (17,644.7 kg)

ELECTRIC MOTORS

Manufacturer: WEG

Fan motor horsepower: 2 hp (1 kW)

Hydraulic motor horsepower: 50 hp (37 kW)

Mill motor horsepower: 500 hp (373 kW)

Voltage: 380 V/460 V

Frequency: 50 Hz/60 Hz

Phase: Three phases

Enclosure: TEFC (totally enclosed, fan-cooled)

INFEEED CONVEYOR

Feed table width: 60" (152.4 cm)

Feed table length: 15' (4.6 m)

Loading height: 6.5' (2 m)

INFEEED ROLLER

Max feed height: 26" (66 cm)

Infeced roller diameter: 28" (71.1 cm)

DUPLEX DRUM OPTION

Millbox opening: 60" x 26" (152.4 cm x 66 cm)

Drum diameter: 22.5" (57.2 cm)

Number of hammers: 9

Number of tips: 18

CHIP DRUM OPTION

Millbox opening: 60" x 26" (152.4 cm x 66 cm)

Drum diameter: 27.3" (69.3 cm)

Number of knives: 24

Depth of cut: Ranging from .125" to 1" (.3 cm to 2.5 cm)

DISCHARGE SYSTEM

Belt width: 48" (121.9 cm)

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

Belt length: 71.3' (21.7 m)

HYDRAULIC SYSTEM

Tank capacity: 60 gal (227.1 L)

Implement pump: Variable displacement, axial piston

Discharge conveyor pump: Fixed displacement, gear pump

CONTROL PANEL OPTIONS

VFD (variable frequency drive) panel: 380 V or 460 V, NEMA Type 5 enclosure

Soft-start starter panel: 380 V or 460 V, NEMA Type 4 enclosure

CONTROLS

Stationary: Side-mounted LCD control station

Remote: Multifunction with built-in LCD display, max 300' (91.4 m) operating range

OPTIONS

Special paint

Vermeer Confidence Plus® asset protection program

Magnetic pulley

CE approved motor control panel

NOTES:

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