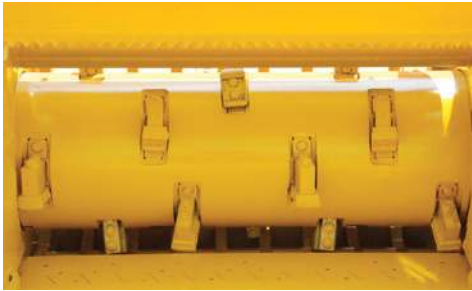


# HG4000E

## 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 INFEED 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)

## INFEED CONVEYOR

Feed table width: 60" (152.4 cm)

Feed table length: 15' (4.6 m)

Loading height: 6.5' (2 m)

## INFEED ROLLER

Max feed height: 26" (66 cm)

Infeed 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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Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications.

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