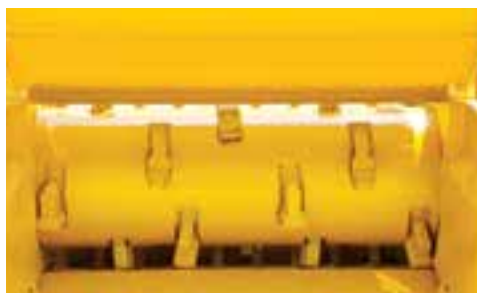


# HG6000E

## HORIZONTAL GRINDER



Temporary installation shown



**DUPLEX DRUM.** Improve cutting performance using the patented Series II duplex drum system designed with reversible hammers and tips to reduce daily maintenance and nearly double wear life.



**CHIP DRUM.** For enhanced flexibility with the HG6000E, a dedicated chip drum — adjustable for product size ranging from .125" to 1.5" (.3 cm to 3.8 cm) — is available.



**PRODUCTIVE PROCESSING.** Maximize loading speed and productivity using the patented SmartFeed system and hydraulic feed roller down pressure. Open-ended, wide infeed tables are designed to make over-the-side loading easy and efficient.



**THROWN OBJECT DEFLECTOR (TOD).** Reduce the quantity and distance of thrown material debris with the TOD, strategically placed to reduce interference when loading over-length material.



**MOTOR CONTROL PANEL.** The motor control 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.** The HG6000E is powered by two electric motors that deliver a combined 700 hp (522 kW) to the mill. A separate 60 hp (45 kW) electric motor powers the pump for the hydraulic circuits, while a 2 hp (1 kW) electric motor is used to cool the hydraulic system.



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DO MORE.

# HG6000E HORIZONTAL GRINDER

## GENERAL DIMENSIONS

Max transport length: 37.6' (11.5 m)

Max transport length with optional dolly: 45.8' (14 m)

Max transport width: 9.4' (2.9 m)

Max transport width with optional dolly: 9.8' (3 m)

Weight: 56,000 lb (25,401.2 kg)

## ELECTRIC MOTORS

Manufacturer: WEG W22

Fan motor horsepower: 2 hp (1 kW)

Hydraulic motor horsepower: 60 hp (45 kW)

Mill motor horsepower: (2) 350 hp (261 kW)

Voltage: 460 V or 380 V

Frequency: 50 Hz or 60 Hz

Phase: 3

Enclosure: TEFC (totally enclosed, fan-cooled)

## INFEED CONVEYOR

Feed table width: 60" (152.4 cm)

Feed table length: 20' (6.1 m)

Loading height: 7.6' (2.3 m)

## INFEED ROLLER

Max feed height: 32" (81.3 cm)

Infeed roller diameter: 36.1" (91.7 cm)

## DUPLEX DRUM

Millbox opening: 60" x 32" (152.4 cm x 81.3 cm)

Drum diameter: 28" (71.1 cm)

Number of hammers: 10

Number of tips: 20

## NOTES:

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## CHIP DRUM – OPTIONAL

Millbox opening: 60" (152.4 cm)

Drum diameter: 34.3" (87.1 cm)

Number of knives: 28

Depth of cut: Ranging from .125" to 1.5" (.3 cm to 3.8 cm)

## DISCHARGE SYSTEM

Width: 48" (121.9 cm)

Belt design: 3 ply — 330# or straight warp single ply 330# both with V cleat

## HYDRAULIC SYSTEM

Tank capacity: 65 gal (246.1 L)

Implement pump: Variable displacement, axial piston

Discharge conveyor: Fixed displacement, gear pump

## CONTROLS

Stationary: Side-mounted control station

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

## CONTROL PANEL OPTIONS

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

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

## OPTIONS

Special paint

Vermeer Confidence Plus® asset protection program

DT6 dolly transport system

Magnetic pulley

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