

HG6000

HORIZONTAL GRINDER

SHINGLE GRINDER OPTION



COOLING AND FILTRATION SYSTEM.

The cooling and filtration system is specially designed to reduce the amount of dust that is pulled into the cooling package. Wide fin spacing and filters are designed to reduce the buildup of dust and tar on the cooler surfaces, and swing-out doors allow for easy ground level access for cleaning and filter replacement.



AIR INTAKE.

The cooling package air intake chutes are located high on the machine to provide more clean air and less dirt-contaminated air from near the ground.

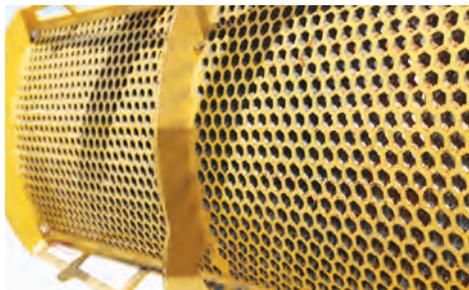


WATER APPLICATION SYSTEM.

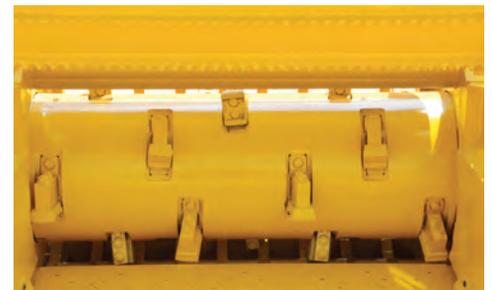
Adding water during the grinding process helps to extend the life of the cutters and other wear surfaces, and reduces the amount of dust and shingle residue on the machine components.



LOADOUT CONVEYOR. A smooth discharge conveyor belt, equipped with a scraper that cleans the belt as it passes back to the mill box, reduces material buildup on the belt. Dual chutes help to separate shingle dust from nails.



SHINGLE SCREENS. Angle-cut, abrasion-resistant screens allow material to more easily pass through with less recirculation to help increase productivity.



DUPLEX DRUM. The patented Series II duplex drum system improves cutting performance, and reversible hammers and tips simplify maintenance and nearly double wear life.

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GENERAL DIMENSIONS

Max length transport: 38.8' (11.8 m)

Max length conveyor unfolded: 54.7' - 55.1' (16.7 m – 16.8 m)

Max width transport: 8.2' (2.5 m)

Weight engine: 65,000 lb (29,483.5 kg)

ENGINE OPTION ONE

Make and model: Caterpillar C18 tier 4i

Number of cylinders: 6

Max gross horsepower (ft-lb): 755 hp (563 kW)

Max torque: 2582 ft lb (3500.7 Nm)

Fuel tank capacity: 350 gal (1324.9 L)

Max fuel consumption: 39.1 gph (148 lph)

INFEED CONVEYOR

Feed table width: 60" (152.4 cm)

Feed table length: 20' (6.1 m)

INFEED ROLLER

Infeed roller width: 56.4" (143.2 cm)

Infeed roller weight: 1300 lb (589.7 kg)

Infeed roller diameter: 36.1" (91.8 cm)

DUPLEX DRUM

Mill box opening: 60" wide x 32" high (152 cm x 81 cm)

Drum diameter: 28" (71.1 cm)

Number of hammers: 10

Number of cutters: 20

DISCHARGE SYSTEM

Length: 81.3' (24.8 m)

Width: 48" (121.9 cm)

Belt design: 3-ply - 330# or straight warp single ply 330# both with V-cleat, smooth belt option

HYDRAULIC SYSTEM

Tank capacity: 100 gal (378.5 L)

Recommended oil: Vermeer HyPower 68

Filtration method: Dual in-tank return filters (B5=200)

Number of coolers: 1

CONTROL STATION

Display type: LCD

Engine information: Yes

Machine information: Yes

Operational faults: Yes

RADIO REMOTE CONTROL

Display type: LCD

Operating range: Up to 300' (91 m)

Channel setting: 50 channels

OPTIONS

Screen sizes

Extended warranty

Confidence Plus™

Special paint

NOTES:

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