

Diamond Z Horizontal Grinder

MODEL DZH5000



The high-capacity, low-maintenance DZH5000 horizontal grinder is essential for any grinding application. With quick screen changes of 20 minutes or less, kilowatt options up to 782.98 kilowatts, and industry leading production capabilities, the DZH5000 is the elite grinder in its class.



DZH5000

Power Train

Engines Available:

- ◆ Caterpillar C27 ACERT EPA Tier II
1,649 ci (27.0 liters)
652.49 kW @ 2,100 rpm OR
- ◆ Caterpillar C27 ACERT EPA Tier II
1,649 ci (27.0 liters)
782.98 kW @ 2,100 rpm

Transmission:

- ◆ Fluid Coupling Drive

Fluid Capacities

- ◆ Fuel Tank: 2,063.05 L
- ◆ Hydraulic Tank: 529.96 L

Feed System

- ◆ Conveyor
Length: 6.20 m
Width: 1.61 m
Height: 1.02 m
- ◆ Feed Roller
Diameter: 1.33 m
- ◆ Feed Opening: 1.63 x .88 m

Hammer Milling System

- ◆ Mill Swing
Diameter: 1.07 m
- ◆ Mill Rod Diameter: 8 @ .07 m ea.
- ◆ Hammer Weight: 28 @ 45.36 kg ea.
- ◆ Hammer Tips: 28 @ 3.18 kg ea.
- ◆ Screen Area (Total): 2 @ 27,870.91 c²

Operating Dimensions

- ◆ Length: 20.88 m
- ◆ Width: 3.61 m
- ◆ Height: 5.74 m
- ◆ Weight: 43,091.28 kg

Transporting Dimensions

- ◆ Length: 13.52 m
- ◆ Width: 3.61 m
- ◆ Height: 4.06 m
- ◆ Axle Spacing: 1.24 m minimum
- ◆ Kingpin Weight: 16,782.92 kg
- ◆ Tri-Axle Weight: 26,308.36 kg
- Total Weight: 43,091.28 kg**

Discharge System

Phase I

- ◆ Length: 7.01 m
- ◆ Width: 1.52 m

Phase II

- ◆ Length: 8.84 m
- ◆ Width: .91 m
- ◆ Output Height: 1.22 to 4.88 m

Production Rates

- ◆ Construction Waste up to
97.07 metric tons per hour
or 572.65 cubic meters
- ◆ Brush & Yard Waste up to
118.84 metric tons per hour
or 400.63 cubic meters
- ◆ Stumps & Logs up to
76.20 metric tons per hour
or 192.67 cubic meters



Diamond Z reserves the right to improve our products and make changes without notice. Actual products offered for sale may vary in design, available optional items, required attachments, and safety features. Pictures may not be an actual representation of equipment.

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