

# ZR125HC



## Track-Mounted Wood Grinder

- Model Code : ZR125HC
- Engine Rated Output : 122 kW (166 PS)
- Operating Weight : 12,500 kg

# Compact Body for Higher Transportability, Plus Enhanced Maintainability and Productivity



## Productivity

### Compact Yet Powerful



The compact body is equipped with the powerful grinder. Machine length is short enough for high transportability. The new high-efficient hydraulic system and high-powered engine bring extra grinding power.

### Easy Material Feeding

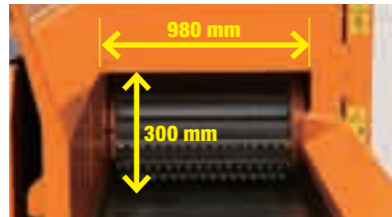


The horizontal feeding type hopper excels at processing of long materials.

### Magnetic Separator with Built-in Pulley (Standard)



### High Grinding Ability



A variety of materials can be efficiently fed and ground thanks to the wide feed opening and large-diameter grinding rotor.

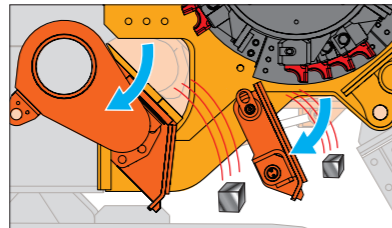
Large-diameter grinding rotor



### Auto Feeder

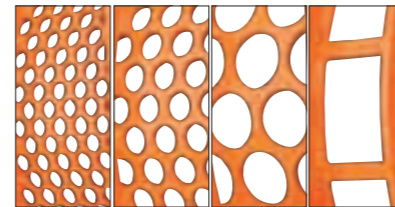
The auto feeder can optimally adjust the amount of feeding materials according to the load of the grinding rotor.

### Grinder Protection Mechanism



The protection mechanism for grinding chamber reduces damage to the grinder and downtime due to foreign materials. If foreign materials are fed, the bottom hatch tilts down to discharge them, and the engine stops at the same time.

### Screens



A variety of screen size determines every desired end product size. The screen can be easily replaced on the ground.

### Easy Access to Control Panel from the Ground



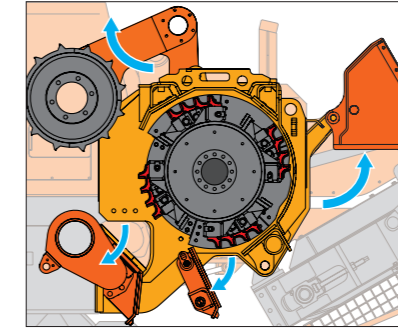
The main control panel is accessible on the ground for easy operation.

## Maintainability and Safety

### Simplified Maintenance

Major maintenance components are concentrated in the engine compartment and inside the radiator cover. Filters can be replaced with ease on the ground.

### Easy-to-Clean Grinding chamber



The hatches and cover of the grinding chamber can swing open by switch control for easy servicing and inspection.

### Replaceable Wear Plates

Replaceable wear plates are equipped inside the grinding chamber for protection from wear.



### Safe Starting of Grinding System

The Grinding System can start only when all the covers are closed. This can prevent inadvertent starting of the grinder during servicing (except in the maintenance mode).

### Compression Roller Lock Pin

The lock pin is utilized to prevent the compression roller from falling during servicing and inspection.

### Emergency Stop Switch

The emergency stop switches are located in four positions for immediate engine stopping.



Engine compartment



Inside radiator cover



## Environmental Solutions

### Environmentally Friendly Design

The machine utilizes the clean engine that complies with the Emission Regulations Tier 3 and Stage IIIA.

### Sprinkler

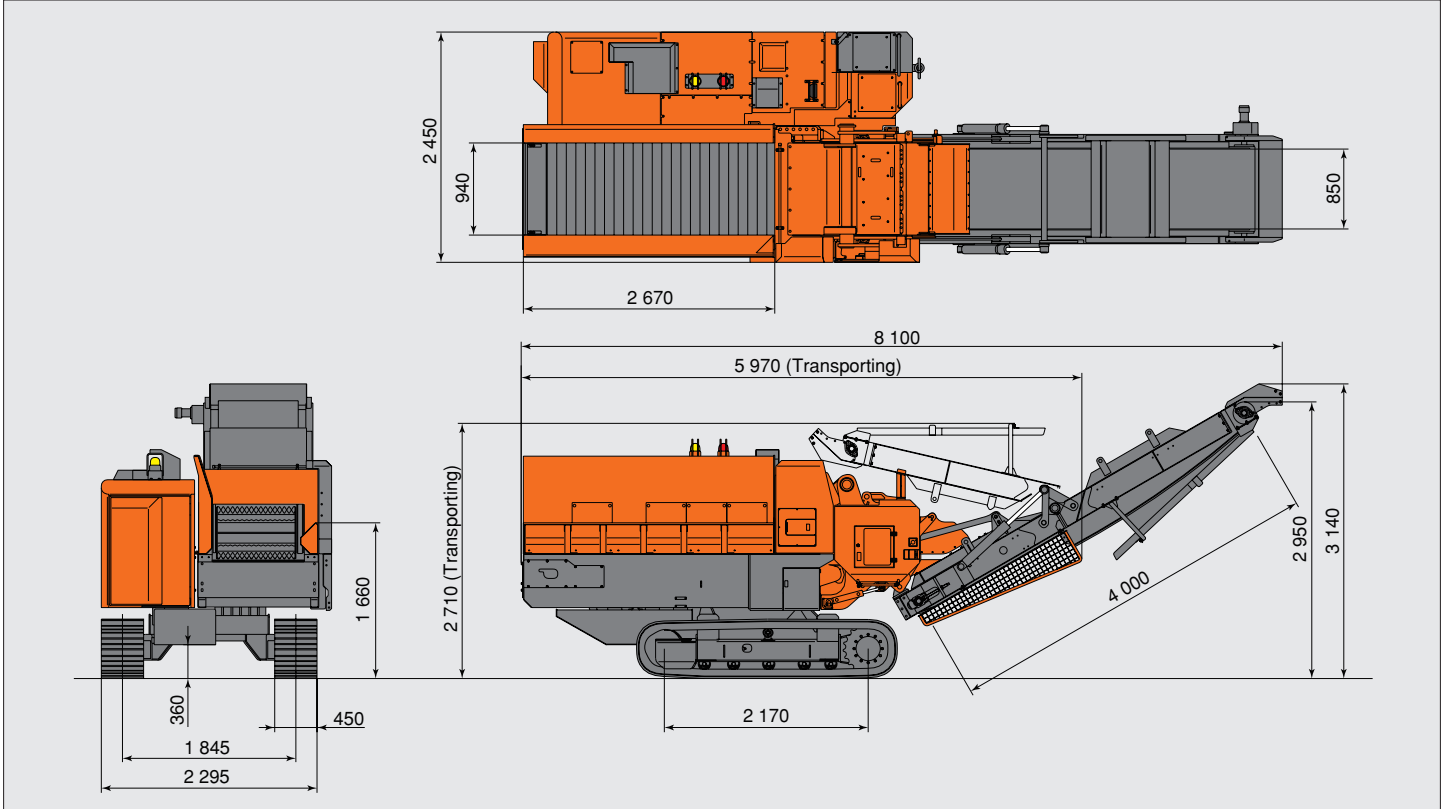


The sprinkler with piping is located at the top edge of the feed opening to suppress wooden dust.



## Dimensions

Unit: mm



## Specifications

Model		ZR125HC	
Operating weight	kg	12 500	
Feeder type		Plate conveyer + Compression roller	
Grinder	Type	Cutter bit	
	No. of bits	40	
	Feed opening (w x h)	mm	980 x 300
Engine	Model	Isuzu AI-4HK1X	
	Type	Turbocharged (intercooled), direct injection	
	Rated output	kW/min <sup>-1</sup> (PS/rpm)	122 / 2 000 (166 / 2 000)
Ground pressure	kPa	63	
Travel speed	km/h	1.9	
Gradeability	% (degree)	42 (23)	
Refill capacities	Fuel tank	L	275
	Hydraulic tank	L	110

Data is expressed in SI units, followed by reference data in ( ) in conventional units.

## Optional Equipment

### ● Screens

- Round 25 mm (1 inch)
- Round 38 mm (1.5 inches)
- Round 50 mm (2 inches)
- Round 75 mm (3 inches)
- Rectangular 130 x 144 mm (for coarse grinding)



### ● Rubber shoe

450 mm



These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.

Before use, read and understand the Operator's Manual for proper operation.