

# Cone Ball Mill Grinder for Material Processing

The Cone Ball Mill Grinder is a key grinding machine used to process crushed materials. It is widely applicable in powder-making production lines, including cement, silicate, and fertilizer.



## Product Overview

### Energy Saving Cone Ball Mill Grinder

The Energy Saving Cone Ball Mill Grinder is a high-efficiency grinding machine designed for processing crushed materials across various industries, including cement, mining, and new building materials. It features a robust horizontal cylinder design that utilizes centrifugal force and steel grinding media to pulverize materials effectively. This versatile unit supports both dry and wet grinding processes and is engineered for optimal energy savings during continuous operation.

## Technical Specifications

### Discharge Types

- Grate type
- Overfall type

### Grinding Capabilities

Dry Grinding, Wet Grinding

## Design & Operation



A technical overview of the grinding process within the cone ball mill, illustrating the material flow through the silos.

### How it Works

The machine operates as a horizontal cylinder rotating device driven by gears. Materials enter the first silo via a feeding quill shaft, where they are crushed by steel balls lifted by the cylinder's rotation. They then pass through a partition panel into the second silo for final grinding before being discharged.

### Internal Components

- Ladder lining board
- Corrugated lining board
- Flat lining board
- Monolayer partition panel

## Applications

### Suitable Industries

Cement • Silicate • Building Materials • Refractory • Fertilizer • Ferrous Metal Ore • Non-ferrous Metal Ore • Glass Ceramics