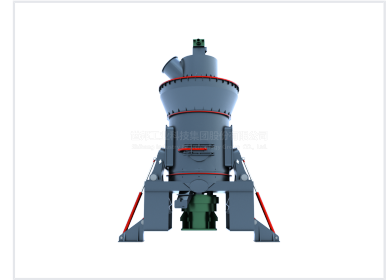


# Vertical Grinding Mill for Minerals and Materials

The vertical grinding mill is a high-efficiency machine used across industries like cement, metallurgy, and chemical processing. It integrates crushing, drying, grinding, classifying, and conveying into a single unit for optimal performance.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Vertical Grinding Solution

This vertical grinding mill integrates five critical industrial functions into a single, compact unit: crushing, grinding, powder selection, drying, and material conveying. Designed for optimized performance, it significantly reduces floor space requirements by approximately 50% compared to traditional ball-milling systems. The system operates under negative pressure within a sealed environment, ensuring environmental protection, stable operation, and minimal vibration during heavy-duty processing.

## Technical Specifications

### Processing Capacity

**3 TPH**

Minimum Capacity

**340 TPH**

Maximum Capacity

### Integrated Functions

- Crushing
- Grinding
- Powder Selection
- Drying
- Material Conveying

Input Material Size

0-70mm

## Application & Materials

### Target Industries

Cement • Power • Metallurgy • Chemical • Construction

Suitable Materials

Limestone, Calcite, Dolomite, Petroleum Coal, Gypsum, Barite, Marble, Talc, Coal Powder

## Operational Features

### System Benefits

- Compact layout (50% less space than ball mills)
- Low energy consumption
- Strong drying capacity
- Stable operation with low noise
- Easy grain size control