

Ceramic Ball Mill for Material Grinding

This ceramic ball mill efficiently grinds various materials, including ores. It is widely applicable in building materials and chemical industries for material processing.



Product Overview

Efficient Material Grinding Solution

The Low Energy Ceramic Ball Mill is a robust horizontal rotating device engineered for fine grinding of various mine and industrial materials. It supports both dry and wet processing methods, making it highly versatile for applications in construction and chemical industries. By utilizing centrifugal force and specialized liner designs, it efficiently reduces material to particle sizes between 20 and 75 microns.

Technical Specifications

Output Particle Size	20 to 75 microns
Processing Methods	Dry Process, Wet Process
Discharge Configurations	Tabular Type, Flowing Type

Operational Details



A robust ceramic ball mill featuring a large cylindrical drum with ceramic lining for optimal performance.

Grinding Mechanism

- Horizontal rotating barrel
- Outer gear transmission
- Centrifugal force impact
- Ladder and ripple liner system

Operational Requirements

- Must be operated in a closed system
- Requires classifiers (screens, cyclones, or air classifiers)
- Continuous recirculation of oversize material

Applications

Primary Industries

Mining • Building Materials • Chemical Industry