

Calcite Powder Grinding Mill

The calcite grinding mill efficiently processes brittle materials with medium to low hardness. This mill produces fine powder with adjustable sizes from 325-3000 mesh and yields up to 12 tons per hour.



Product Overview

High-Efficiency Grinding Solution

The Calcite Grinding Mill is a robust industrial solution designed for processing medium and low hardness materials with a Mohs hardness of 6 or less. It offers significant advantages in energy efficiency and investment costs, consuming only one-third the energy of comparable airflow mills. Engineered for high throughput, this mill is ideal for producing fine powders for diverse applications ranging from construction materials to high-tech industrial fillers.

Performance Metrics

Key Performance Metrics

3000 mesh

Max Fineness

12 tons/hr

Max Yield

1200 kg

Max Roller Pressure

Technical Specifications

Compatible Materials	Calcite, Limestone, Chalk, Kaolin, Bentonite, Talc, Graphite, Gypsum, Fluorite
Max Mohs Hardness	6 Mohs
Output Fineness Range	325 - 3000 mesh
Yield Capacity	0.5 - 12 tons per hour

Advantages

Key Operational Advantages

- Increased roller pressure (800-1200kg) via spring force
- High energy efficiency (1/3 energy consumption of airflow mills)
- Cost-effective investment (1/4 the price of airflow mills)
- Streamlined production process with fewer links

Applications

Common Industry Applications

Artificial Stone • Rubber & Plastics • Coatings & Paints • Paper • Cosmetics • Pharmaceuticals • Chemicals • Aerospace