

High Pressure Suspension Grinding Mill

The high pressure grinding mill is suitable for grinding non-flammable materials with a Mohs hardness not greater than 9.3 and humidity less than 6%. It consists of the main unit, blowers, a superfine analysis machine, cyclone dust collector, bag type dust collector, and connecting pipes.



ADDITIONAL IMAGES



Overview

High Pressure Suspension Grinding Mill

This high-pressure suspension grinding mill is an efficient industrial solution designed for processing non-flammable materials with a Mohs hardness up to 9.3 and humidity below 6%. It utilizes a robust grinding roller and ring system to deliver consistent, fine powder production for sectors such as mining, construction, and chemical processing. The system features centralized electrical control for easier maintenance and offers significant energy savings compared to conventional grinding equipment.

Key Features

Performance Advantages

- Increased grinding pressure (800-1200KG)
- Energy consumption reduced by 33% compared to similar products
- Centralized electrical control system
- High efficiency dust collection
- Wide range of material compatibility

Suitable Materials

Barite, Limestone, Ceramic, Slag

Technical Specifications

Model Comparison

Model	Max Feed Size (mm)	Output (t/shift)	Main Motor (kW)
Micropowder93	d25	0.8-12	30
Micropowder91	d25	0.6-10	22
Micropowder87	d20	0.4-8	22
Micropowder76	d20	0.3-6	18.5
Micropowder66	d15	0.2-4	15

Operational Metrics

9.3

Max Mohs Hardness

6 %

Max Humidity

140 r/min

Min Rotate Speed

180 r/min

Max Rotate Speed