

Ultrafine Grinding Mill for Mineral Processing

This ultrafine grinding mill provides high efficiency with 40% higher output than other grinding mills when producing the same final product granularity. The quick-wear parts offer extended service life when material granularity and the final product are consistent.



Overview



A high-performance ultrafine mill designed for processing minerals into fine powders with integrated dust collection.

High-Efficiency Ultrafine Grinding Solution

This ultrafine grinding mill is engineered for the specialized processing of minerals into extremely fine powders, offering 40% higher output compared to standard mills. Designed for durability and continuous operation, it features high-utilization wear parts and an integrated pulse dust collector for environmentally friendly performance. It is an ideal solution for metallurgy, building materials, and chemical industries requiring precise fineness and reliable material processing.

Performance Metrics

Performance Highlights

40 %

Higher Output Efficiency

7 Mohs

Maximum Material Hardness

6 %

Maximum Material Humidity

Material Compatibility

Suitable Materials

Non-flammable Minerals, Non-combustible Materials, Hard Materials, Metallurgy Ores, Chemical Raw Materials

Key Features

Technical Advantages

- Low noise and small vibration during operation
- Continuous running capability with on-the-go lubrication
- Integrated relieving tool for improved feeding capacity
- High content of fine powders with even abrasion of grinding rings
- Low iron content in finished micro powders
- Precise bolt design for high safety and reliability

Maintenance & Durability

Service Life & Maintenance

Component/Aspect	Benefit
Quick-wear Parts	Longer service life compared to standard mining machines
Grinding Ring/Roll	3-5 times longer life than common Raymond mills
Installation	Convenient setup and low maintenance requirements
Lubrication	Grease injection possible during machine operation

Environmental Standards

Environmental Compliance

Pulse Dust Collector • Noise Silencer • Low Electricity Consumption • National Environmental Standard