

Coal Ash Vertical Mill

The vertical mill provides high efficiency grinding and lower power consumption. It is suitable for grinding cement raw material, coal ash, and other materials.



Overview

High-Efficiency Coal Ash Processing

The vertical mill is a specialized industrial solution designed for the efficient grinding, drying, classification, and conveying of coal ash. Engineered for versatility, it serves critical roles in the electric power, metallurgy, cement, and chemical industries by transforming coal ash into high-quality, uniform powder. The system operates under negative pressure to ensure a dust-free environment while maintaining low noise and vibration levels.

Performance & Features

Key Performance Metrics

3 %

Cost Reduction Potential

5 %

Max Cost Reduction Potential

Operational Advantages

High efficiency grinding, Low power consumption, Dust-free operation, Low noise, Easy maintenance, Negative pressure system

Technical Specifications

System Capabilities

- Integrated drying, grinding, classification, and conveying
- Roller limiter for vibration control
- Advanced roller sealing for explosion suppression
- Uniform particle morphology
- Narrow particle size distribution

Applications

Suitable Materials

Coal Ash • Cement Raw Material • Clinker • Lime Powder • Slag Powder • Manganese Ore • Gypsum • Coal • Barite