

# High Efficiency Air-Swept Coal Mill

The air-swept coal mill efficiently grinds and dries coal using a high medium impact number. With a high energy utilization ratio, it is suitable for industries like cement, thermal power, metallurgy, and chemistry.



## Product Overview



Industrial coal mill setup featuring advanced grinding technology and air classification for optimal particle size control.

### High Efficiency Air-Swept Coal Mill

This air-swept coal mill is engineered for both grinding and drying coal resources of varying hardness. Its robust design integrates feeding, rotary, and lubrication systems to deliver high grinding efficiency, making it an ideal solution for coal powder preparation in industries such as cement, thermal power, metallurgy, and chemistry. The system operates under negative pressure to prevent powder leakage, ensuring a clean and efficient production environment.

## Performance Metrics

### Filling Rate

**80 %**

Minimum Filling Rate

**90 %**

Maximum Filling Rate

### Grinding Efficiency

High efficiency with impact number 5000x higher than ordinary ball mills

## Key Features

### Operational Advantages

- High energy utilization ratio
- Low impurity and reaction between mediums
- Ceramic lining board reduces abrasion and iron pollution
- Integrated grinding and gradation reduces energy consumption
- Negative pressure operation prevents powder leakage

## System Components

### Standard Components

Feeding Device, Main Bearing, Rotary Part, Transmission Device, Discharging Device, High Voltage Starting Device, Lubrication System

## Applications

### Suitable Industries

Cement • Thermal Power • Metallurgy • Chemistry