

# Trapezium Grinding Mill for Mineral Processing

The Trapezium Grinding Mill is an advanced solution for material processing in mining and industrial applications. Its trapezium-shaped grinding assembly enhances efficiency and reduces energy consumption.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Grinding Technology

This European-style grinding mill is engineered for precision powder processing, leveraging advanced technology to meet rigorous industrial standards. Designed for versatility, it effectively handles a wide range of minerals including limestone, calcite, and gypsum, delivering consistent output fineness. The system features an optimized, compact design that maximizes production efficiency while minimizing floor space requirements.

## Performance Metrics

### Capacity

**3 TPH**

Minimum Capacity

**50 TPH**

Maximum Capacity

### Input Material Size

50 mm

### Output Fineness

200-330µ (80-425Mesh)

## Technical Specifications

### Key Design Features

- Split-type cambered shovel blade for increased working area
- Bevel gear transmission system
- Cambered air duct for low resistance
- Compact structure for reduced footprint

### Wear-Resistant Components

Specialized alloy grinding rollers and rings with 1.7-2.5x longer service life than high manganese steel

## Applications

### Suitable Materials

Limestone, Calcite, Dolomite, Petroleum coal, Gypsum, Barite, Marble, Talc, Coal powder