

Automated Gypsum Processing Line

This industrial setup is a complete gypsum production line with interconnected processing units. It utilizes silos, dust collectors, and a steel framework to facilitate automated gypsum manufacturing.



Overview

Automated Gypsum Processing Solution

This automated gypsum processing line is engineered for high-efficiency calcination and grinding, supporting annual outputs ranging from 30,000 to 150,000 tons. The system integrates advanced temperature control and pulverizing technology to ensure consistent, high-quality plaster powder with adjustable particle sizes. Designed for sustainability and operational reliability, the line meets strict environmental standards with zero water or gas drainage.

Performance Metrics

Power Consumption

15 kW/Ton

Min Power

20 kW/Ton

Max Power

Annual Output Capacity	150000 Tons
Coal Consumption	60 kg/Ton

Raw Material Requirements

Natural Gypsum Purity	75% - 95%
Desulphurization Gypsum Purity	80% - 96%

Technical Specifications

Environmental Standards

National Standard Compliant • Zero Water Drainage • Zero Gas Drainage

Core System Modules

- Drying Unit
- Calcination Kiln
- Dust Collection System
- R-Series Pulverizer

Compatible Fuels	Gas, Heavy Oil, Light Oil
Required Factory Area	6,000 - 12,000 m ²