

# 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
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Coal Consumption	60 kg/Ton
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## Raw Material Requirements

Natural Gypsum Purity	75% - 95%
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Desulphurization Gypsum Purity	80% - 96%
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## 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
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Required Factory Area	6,000 - 12,000 m <sup>2</sup>
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