

1500 TPD Cement Production Line

This is a complete cement production line with a production capacity of 1500 tons per day. The system incorporates a preheater tower, rotary kiln, and advanced control technologies for optimized performance and energy efficiency.



ADDITIONAL IMAGES



Overview

1500 TPD Cement Production Line

This comprehensive cement production solution offers a complete EPC service, covering everything from process design and equipment supply to civil engineering and commissioning. Designed for efficiency, the system utilizes a dry production process to minimize heat consumption while maintaining high output standards. It integrates advanced material handling, grinding, calcination, and packaging systems to ensure a seamless workflow from raw material intake to final cement delivery.

Performance Metrics

Clinker Output

1500 t/d

Clinker Output

Consumption Specifications

Metric	Value
Heat Consumption	e 840kcal/kg clinker
Power Consumption	e 110kWh/t cement
Water Consumption	Max 1020 m ³ /d

Process Workflow

Key Production Stages

- Limestone & Sandstone Crushing
- Pre-homogenization & Storage
- Raw Meal Grinding & Transport
- Raw Meal Homogenization
- Calcination (Rotary Kiln)
- Clinker & Cement Grinding
- Packaging & Bulk Loading

Production Process

Dry Process • EPC Service • Closed Circuit Grinding