

# 2500 TPD Dry Process Cement Plant

This is a dry process cement plant with a production capacity of 2500 tons per day. The plant employs advanced machinery for the grinding, mixing, heating, and cooling stages to ensure efficient and high-quality cement production.



## Overview

### 2500 TPD Dry Process Cement Plant

This industrial-scale cement production facility is engineered for a daily output capacity of 2500 tons. Utilizing advanced dry process methodology, the plant integrates crushing, grinding, homogenizing, and calcining systems to ensure high-quality clinker production. The facility is designed with comprehensive environmental protection equipment to manage waste gases and dust, meeting rigorous international standards for efficient and sustainable cement manufacturing.

## Production Capacity

### Daily Production Capacity

**2500 t/d**

Daily Output

## Key Machinery

### Core Equipment Specifications

Equipment	Model/Spec	Capacity
Limestone Crusher	MB56/75	500-600 t/h
Vertical Mill (Raw Meal)	MLS3626	185 t/h
Decomposition Furnace	RF5/2500 (4.0x60m)	2500 t/d
Coal Grinder	MPF1713	20 t/h

## Storage & Logistics

### Storage Infrastructure

- Limestone Prehomogenization Yard: 34,100t capacity
- Raw Meal Homogenizing Silo: 9,000t effective capacity
- Clinker Storage: 2 x 10,000t capacity
- Raw Coal Storage: 9,300t capacity

## Environmental Compliance

Certifications	ISO9000, CE
Dust Emission Standard	100 mg/m <sup>3</sup>