

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 ³