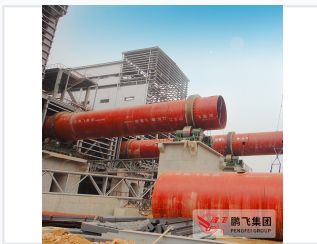


Metallurgical Rotary Kiln for High-Temperature Processing

The metallurgical rotary kiln is engineered for high-temperature material processing. It is widely used in the cement, metallurgy, and chemical industries for efficient thermal treatment.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Metallurgical Rotary Kiln

This advanced rotary kiln is designed for high-temperature processing, offering significant efficiency improvements over traditional technology. It features a robust cylindrical design optimized for longevity and reliability in demanding industrial environments. The system is engineered to reduce heat consumption by 40% and increase production capacity by 30%, while maintaining low flue gas temperatures for easier dust collection and environmental compliance.

Performance Metrics

Performance Improvements

30 %

Production Capacity Increase

40 %

Heat Consumption Reduction

250 °C

Max Flue Gas Temperature

Technical Features

Key Design Features

- Cylinder deflection support to extend refractory and castable life
- Large diameter, smaller aspect ratio self-aligning supporting roller bearings
- New type open gear wheel cover sealing
- Spring overlying flexible sealing with insulation layer

Applications

Primary Applications

Nickel Extraction, Activated Limestone Calcining, Oxidized Pellet Processing, Magnesium Oxide Production, Aluminum Oxide Production, Titanium Dioxide Production