

Rotary Calcining Kiln

The rotary calcining kiln, also known as a rotating kiln, is a type of thermal equipment used for high-temperature processing. It is suitable for metallurgy, limestone, and cement production.



Product Overview

Industrial Calcining Solution

This rotating calcining kiln is advanced thermal equipment designed for heavy-duty industrial processing. It is engineered for applications including metallurgy, cement production, and mineral roasting, providing efficient heat transfer and continuous operation. The system utilizes optimized structural designs like vertical preheaters and high-efficiency cooling to maximize decomposition rates and energy efficiency.

Operational Specifications

Limestone Decomposition Rate	25 %
Air Leakage Index	10 %
Cooler Temperature Performance	800°C + ambient temperature

Application

Supported Materials

- Lean iron ore
- Chromites
- Josephinite
- Dewalquite
- Clinker aggregate
- Aluminum hydroxide
- Limestone
- Dolomite

Compatible Industries

Metallurgy, Cement Production, Iron and Steel, Aluminum Industry, Ferroalloy Works

Technical Features

Design Highlights

Vertical Preheater • Combination Scale Sealing • Compound Refractory Materials • Ventilated Cooling System