

Rotary Kiln for Material Heating

Rotary kilns heat solid materials to facilitate essential chemical reactions. The inclined, rotating cylinder design ensures efficient material processing in various industries.



Product Overview



A heavy-duty rotary kiln featuring a rotating cylindrical shell, support rollers, and advanced heat transfer components for efficient calcination.

Industrial Rotary Kiln System

This robust rotary kiln is designed for continuous high-temperature processing of solid materials, facilitating critical chemical reactions through a rotating inclined cylinder. Engineered for efficiency and durability, it features advanced sealing technologies and a dual-drive system to prevent deformation during power outages. It is an ideal solution for calcining cement clinker, metallurgy, and high-alumina refractory material production.

Key Advantages

Efficiency Highlights

15 %

Production Capacity Increase

Operational Benefits

High Efficiency, Low Energy Consumption, Reliable Sealing, Simplified Structure, Ease of Operation

Technical Design

System Specifications

- Inclined cylinder design for material flow
- Main and auxiliary drive units
- Housing type sealing at kiln head
- Axial contact sealing at kiln rear
- Roller support with thrust roller control

Industry Applications

Cement Industry • Metallurgy • Chemical Industry • Construction • Refractory Manufacturing