

Industrial Rotary Kiln

The industrial rotary kiln is engineered for high-temperature material processing. Its rotating cylindrical furnace ensures efficient and continuous operation.



ADDITIONAL IMAGES



Overview

High-Performance Industrial Rotary Kiln

This industrial rotary kiln is engineered for continuous high-temperature processing, utilizing a robust rotating barrel design to meet precise heat exchange requirements. It supports complex physical and chemical reactions necessary for clinker formation, mineral calcination, and various material treatments. With advanced structural integrity and multiple sealing options, it offers strong adaptability to cylinder movement and swing, ensuring efficient operation across diverse industrial sectors.

Technical Specifications

Available Sealing Systems

- Cylinder compression end face seal
- Spring compression end face seal
- Heavy hammer graphite block seal
- Spring graphite block seal
- Fish scale labyrinth seal
- Axial labyrinth seal
- Combination seal

Kiln Body Materials

Refractory brick, Castable, Special steel plate

Applications

Primary Industries

Building Materials • Metallurgy • Chemical Industry • Environmental Protection

Processing Capabilities

Application Category	Materials/Processes
Mineral Processing	Nickel, Iron, Lithium, Chromium, Gold, Copper
Chemical/Calcining	Cement, Active Lime, Calcium Carbonate, Titanium Dioxide, Magnesium Oxide, Zinc Oxide
Coal & Energy	Coal to oil, Clean distillation, Oil sand/shale extraction
Waste Management	Solid waste, Hazardous waste, Sludge disposal