

Rotary Kiln for Waste Disposal

This rotary kiln is designed for the disposal of solid and hazardous wastes. The industrial equipment ensures thorough processing and destruction of various waste materials, adhering to environmental regulations.



ADDITIONAL IMAGES



Product Overview

Advanced Waste Calcination System

This industrial rotary kiln system provides an energy-efficient solution for large-scale waste disposal and cement production. By integrating advanced intelligent control systems with high-efficiency cyclone preheaters, the system optimizes heat recovery and waste destruction. It is designed to support a circular economy by utilizing waste as an auxiliary heat source while maintaining stable calcining quality.

Technical Specifications

System Components

- Cyclone preheater
- Pre-calciner
- Coal powder burner
- Rotary kiln
- Cooler
- Bag filter dust collector
- Activated carbon bin
- Hydrated lime bin
- Emergency cooling tower

Primary Processing Capacity	2500 tpd, 5000 tpd
Kiln Size	5.5m x 94m

Innovation & Engineering

Engineering Highlights

- Double air outlet cyclone separator for reduced resistance
- Integrated city waste burning within pre-calciner
- Heat-resisting steel bar internal liner insulation
- Circular heat exchanger for radiant heat recycling
- Micro-computer intelligent control integration

Compliance & Quality

ISO9001 • Patented Technology