

Industrial Cooling Machine

This industrial cooling machine is designed for heavy-duty cooling applications. It features a cylindrical body with bolted construction and support structures for mobility.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Industrial Rotary Cooler

This industrial cooling machine is a critical component in rotary kiln systems, designed to efficiently lower clinker temperatures from 1000-1300°C down to below 200°C. Utilizing a rotary cylinder design with specialized winnowing boards, it ensures optimal heat exchange and improved material grinding properties. It is highly versatile, serving diverse industries including cement, silicate products, and refractory materials.

Technical Specifications

Cylinder Dimensions

1.5 m Diameter	12 m Length	5 % Slope
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Performance Metrics

Metric	Range
Production Capacity	2-75 t/h
Main Motor Power	15-315 kw
Total Weight	28-576 t

Applications

Suitable Industries

Cement, Silicate Products, New Building Materials, Refractory Materials, Glass Ceramics

Design & Construction

Key Mechanical Features

- Rotary cylinder with winnowing board system
- Retaining wheel device for axial sliding prevention
- Transmission system via large ring of teeth
- Adjustable inclination and rotating speed
- Optimized hoisting plate arrangement for heat exchange