

Rotary Sand Dryer

The rotary sand dryer efficiently dries sand and similar granular materials. Its wear-resistant accessories and high thermal efficiency ensure optimal performance.



ADDITIONAL IMAGES



Overview



Industrial rotary dryer designed for consistent moisture removal and high material throughput.

Rotary Sand Dryer

This industrial rotary dryer is engineered for the efficient moisture removal of granular materials, including river sand, cement clinker, and various minerals. Designed for high thermal efficiency and durability, it features wear-resistant accessories and a robust sealing system that prevents leakage. The machine supports a wide range of fuel types and offers versatile production capacities to meet the rigorous demands of the construction, chemical, and foundry industries.

Technical Specifications

Moisture Reduction

25 % Initial Max Moisture	1 % Final Moisture
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Materials Handled

River Sand, Dry-mixed Mortar, Yellow Sand, Cement Clinker, Clay, Coal Gangue, Coal Ash, Gypsum, Iron Powder

Operational Parameters

Key Operational Data

Metric	Range
Rotating Speed	3-10 rpm
Retention Time	12-30 min
Intake Air Temperature	750-900 °C
Discharge Temperature	d 60°C

Compatible Fuel Types

- White Coal
- Bituminous Coal
- General Fuel
- Oil
- Gas

Features

Key Advantages

Wear-resistant components • High thermal efficiency • Low construction investment • Easy installation • Anti-leakage sealing technology