

Industrial Material Drying Machine

Industrial drying machines are used in dressing, metallurgy, construction, and roadwork applications. These machines offer reduced coal and power consumption, with increased productivity compared to standard industrial dryers.



ADDITIONAL IMAGES



Overview

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This industrial drying machine is a robust solution designed for high-efficiency moisture removal in sectors such as metallurgy, construction, chemical engineering, and mineral processing. Utilizing advanced rotary drum technology with multi-modular lifting devices, the system achieves superior thermal efficiency and lower coal consumption compared to standard dryers. Its centralized control system allows for precise monitoring, ensuring reliable performance and consistent material quality across diverse industrial applications.

Performance & Capacity

Performance Metrics

75 kW

Max Power

36 t/h

Max Capacity

Applications & Material Compatibility

Compatible Materials

Slag, Clay, Limestone, Ardealite, Dry-mixed mortar, Grain slag, Coal slime

Technical Specifications

Technical Data Table

Model	Capacity (T/H)	Motor Power (KW)	Weight (T)
I1.2x10m	2.5	7.5	13.5
I1.5x12m	3.3-4.9	10	18.9
I1.5x15m	4-6	18.5	21
I1.8x12m	4-6	11	22.83
I2.2x12m	7-12	18.5	37.6
I2.2x14m	7-12	18.5	40
I2.2x16m	12	30	45
I2.4x14m	12	30	51
I2.4x18m	10-13	37	54
I2.4x20m	10-14	37	54.14
I3x20m	25	55	78
I3x25m	32-36	75	104.9

Features

Key Features

- Multi-modular lifting devices for high thermal efficiency
- Compatible with various furnace types including high-temperature boiling and coal stoves
- Changeable pin column gear transmission for reduced maintenance costs
- Centralized micro-computer monitoring system
- Optimized material curtain distribution for full heat utilization