

Fly Ash Rotary Dryer

This fly ash drying machine is designed to handle materials with high initial moisture content, small particle size, and good liquidity. The dryer ensures efficient heat transfer and uniform drying, optimizing moisture content for diverse applications.



ADDITIONAL IMAGES



Overview

High-Efficiency Fly Ash Rotary Dryer

This industrial rotary dryer is specifically engineered for materials with high initial moisture content and large liquidity, such as fly ash. Designed for continuous, reliable operation, it features a compact structure that reduces floor space requirements by 50% compared to traditional single-cylinder models. With advanced lifter technology and wear-resistant construction, it ensures consistent drying effects, energy efficiency, and low maintenance costs for demanding industrial environments.

Key Features

Automation

High Automation • Easy Control

Operational Advantages

- Low energy consumption and high thermal efficiency
- Compact design reduces construction investment by ~50%
- Wear-resistant roller materials (45Cr and 35CrMo)
- Adjustable lifter device for precise moisture control
- Low air temperature extends dust removal equipment lifespan

Compatible Fuels

Oil, Steam, Coal

Technical Specifications

Model Specifications

Model	Diameter (mm)	Length (m)	Speed (r/min)	Power (kw)	Volume (m3)
0.6x8-12	600	8-12	8	2.26	4
0.8x10-10	800	10-12	7.2	4	5.02
1.0x10-12	1000	10-12	6.73	5.5	7.85
1.2x12-18	1200	12-18	5.8	11-15	13.31
1.5x12-18	1500	12-18	4.8	15-22	21.2
1.8x12-18	1800	12-18	3.2	185-30	48.22
2.2x12-22	2200	12-22	3	22-30	70.43
2.8x15-24	2800	15-24	2.59	30-55	147.8