

Industrial Gypsum Drying System

This industrial dryer is designed for processing desulfurization gypsum and gypsum powder. It is applicable in industries such as power plants, metallurgy, and chemical engineering.



Overview

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This high-efficiency drying system is engineered for the mining and mineral processing industries, specifically designed for flue gas desulfurization gypsum and gypsum powder. The system utilizes advanced thermal drying technology to effectively reduce moisture content, preparing materials for subsequent industrial utilization. Built for durability and performance, it is an essential component for operations in power plants, metallurgy, and chemical engineering.

Industry Applications

Mining • Refractory • Power Plants • Metallurgy • Chemical Engineering • Energy • Transportation • Heat Supply

Compatible Materials

Flue gas desulfurization gypsum, Gypsum powder, Building gypsum plaster, Clay, Diatomite, Kaoline, Bentonite

Technical Specifications

Max Intake Air Temperature

800 °C

Max Temperature

Detailed Model Specifications

Model (mm)	Gradient (%)	Rotation (r/min)	Max Temp (°C)	Power (kW)	Capacity (t/h)	Weight (t)
1200x12000	3-5	3-8	700	11	2-6	14.8
1500x12000	3-5	2-6	800	15	3.5-9	17.8
1800x12000	3-5	2-6	800	18	5-12	25
2200x12000	3-5	1.5-6	800	18.5	6-15	33
2200x18000	3-5	1.5-6	800	22	10-18	53.8
2200x20000	3-5	1.5-6	800	30	12-20	56
2400x20000	3-5	1.5-5	800	37	18-30	60

Production Capacity Range

2 - 30 t/h