

Rotary Calcining Kiln 3.0 x 45

The 3.0x45 Rotary Kiln, also called the kiln dryer, is a rotating calcining kiln used in the construction materials and metallurgy industries. This kiln is designed for continuous operation, processing materials fed into one end and discharging them from the other.



Overview

Industrial Rotary Calcining Kiln

The 3.0x45 Rotary Kiln is a high-performance industrial calcining and drying unit engineered for demanding applications in construction, metallurgy, and chemical engineering. Designed for continuous, high-capacity operation, this robust equipment features a precision-engineered cylindrical shell that ensures optimal thermal processing of raw materials. Its flexible design supports various material treatment modes, making it an essential asset for large-scale industrial cement and lime production facilities.

Key Features

Suitable Industries

Cement Production, Metallurgy, Chemical Engineering, Environmental Protection, Construction Materials

Technical Specifications

Kiln Dimensions

3 m

Diameter

45 m

Length

3.5 %

Obliquity

Performance Metrics

500 t/d

Daily Capacity

75 kw

Motor Power

210.94 t

Total Weight

Model Comparison

Kiln Series Data

Model	Capacity (t/d)	Power (kw)	Weight (t)
2.5x40	180	55	149.61
2.5x50	200	55	187.37
2.8x44	400	55	201.58
3.0x45	500	75	210.94
3.0x48	700	100	237
3.2x50	1000	125	278