

# 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