

# High Capacity Rotary Kiln

This high-capacity rotary kiln features a robust structure for stable operation and high production efficiency. Its design allows for convenient usage and easy operation, reducing energy consumption compared to similar products.



## Overview



A high-capacity rotary kiln designed for efficient thermal processing and consistent industrial output.

### High Capacity Rotary Kiln

This high-capacity rotary kiln is engineered for efficient thermal processing in building materials, metallurgy, and chemical industries. It features a robust, stable structure designed for high production efficiency and consistent performance. With an optimized design, it achieves a 15% reduction in energy consumption compared to similar models, ensuring both sustainability and cost-effectiveness for industrial operations.

## Key Features

### Operational Advantages

- Stable operation with high production efficiency
- 15% reduction in energy consumption
- Convenient usage and easy operation
- Advanced preheating effects
- Controllable temperature for diverse roasting applications

### Suitable Applications

Cement Production, Metallurgy, Chemical Industry, Non-ferrous Metals, Ore Calcination, Lime Calcination, Dolomite Calcination

## Technical Specifications

### Kiln Performance Data

Model	Diameter (m)	Length (m)	Capacity (t/d)	Motor Power (kW)	Total Weight (t)
2.5x40	2.5	40	180	55	149.61
2.5x50	2.5	50	200	55	187.37
2.5x54	2.5	54	204	55	196.29
2.7x42	2.7	42	320	55	198.5
2.8x44	2.8	44	400	55	201.58
3.0x45	3	45	500	75	210.94
3.0x48	3	48	700	100	237
3.0x60	3	60	300	100	310
3.2x50	3.2	50	1000	125	0

### Core Components

- Thrust wheel
- Tire
- Kiln shell