

# Double Drum Rotary Dryer

This double drum rotary dryer utilizes a direct-type rotary system with inner and external drums. It is capable of drying clay, coal, slag, iron powder, and other bulk materials.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Double-Drum Rotary Dryer

This direct-type rotary dryer is engineered for optimal heat efficiency and energy savings in metallurgy and chemical processing. Featuring a robust double-drum design, it utilizes conduction, convection, and radiation to effectively dry bulk materials like coal, slag, iron powder, and clay. Its compact structure and shortened length facilitate easier installation while maintaining high operational reliability and throughput.

## Key Features

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- High heat efficiency with significant energy-saving capabilities
- Advanced fair current drying technology for wide application range
- Compact design for simplified installation and processing setup
- Reliable operation with minimal thermal loss
- Enhanced material mixing via internal drum configuration

## Technical Specifications

### Operating Parameters

**400 °C**

Min Operating Temp

**800 °C**

Max Operating Temp

**3 %**

Min Installation Obliquity

**5 %**

Max Installation Obliquity

### Model Performance Data

| Spec (Dia.xLength) | Capacity (t/h) | Motor (kW) | Weight (t) |
|--------------------|----------------|------------|------------|
| 1.2x8.0            | 1.9~2.4        | 7.5        | 9          |
| 1.2x10             | 2.4~3.0        | 7.5        | 11         |
| 1.5x12             | 4.5~5.7        | 15         | 18.5       |
| 1.5x14             | 5.3~6.6        | 15         | 19.7       |
| 1.5x15             | 5.7~7.1        | 15         | 20.5       |
| 1.8x12             | 6.5~8.1        | 18.5       | 21.5       |
| 1.8x14             | 7.6~9.5        | 18.5       | 23         |
| 2.2x12             | 9.7~12.2       | 22         | 33.5       |
| 2.2x14             | 11.4~14.2      | 22         | 36         |
| 2.2x16             | 13.0~16.2      | 22         | 38         |
| 2.4x14             | 13.5~16.9      | 37         | 45         |
| 2.4x18             | 17.4~21.7      | 37         | 49         |
| 2.4x20             | 19.3~24.1      | 45         | 54         |
| 2.4x22             | 21.2~26.5      | 45         | 58         |
| 2.6x24             | 27.2~34.0      | 55         | 73         |
| 3.0x20             | 30.1~37.7      | 75         | 82         |

## Applications

Suitable Industries

Metallurgy, Chemical Engineering, Mining, Aggregate Processing