

# Rotary Indirect Heat Transfer Dryer

The dryer machine features a rotating cylinder with a slightly inclined design. Its simple structure, refined manufacture, high capacity, and convenient transportation make it suitable for various industrial applications.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Rotary Indirect Heat Transfer Dryer

This industrial rotary dryer is designed for efficient moisture removal in bulk material processing. Utilizing a rotating cylinder with an inclined design, it ensures high thermal efficiency through a downstream drying method. The system features robust construction with self-aligning roller devices and advanced feeding mechanisms to prevent jams and ensure uniform material processing.

## Key Advantages

### Operational Benefits

- Strong overload resistance capacity
- Low fuel consumption and drying costs
- High thermal efficiency via downstream drying
- Zero horizontal thrust design reduces gear wheel wear
- Self-aligning roller device minimizes power loss
- Adjustable operating parameters for different material properties

## Technical Specifications

### Model Specifications

Model (m)	Volume (m³)	Throughput (t/h)	Power (kw)	Weight (t)
1.2x8.0	9	1.9-2.4	7.5	9
1.2x10	11.3	2.4-3.0	7.5	11
1.5x12	21.2	4.5-5.7	15	18.5
1.5x14	24.7	5.3-6.6	15	19.7
1.5x15	26.5	5.7-7.1	15	20.5
1.8x12	30.5	6.5-8.1	18.5	21.5
1.8x14	35.6	7.6-9.5	18.5	23
2.2x12	45.6	9.7-12.2	22	33.5
2.2x14	53.2	11.4-14.2	22	36
2.2x16	60.8	13.0-16.2	22	38
2.4x14	63.3	13.5-16.9	37	45
2.4x18	81.4	17.4-21.7	37	49
2.4x20	90.4	19.3-24.1	45	54
2.4x22	99.5	21.2-26.5	45	58
2.6x24	127.4	27.2-34.0	55	73
3.0x20	141.3	30.1-37.7	75	85
3.0x25	176.6	37.7-47.1	75	95
3.2x25	201	42.9-53.6	90	110
3.6x28	285	60.8-76.0	160	135

### Operational Parameters

Installation Angle	3 %
Highest Air Temperature	800 °C