

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 (m ³)	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