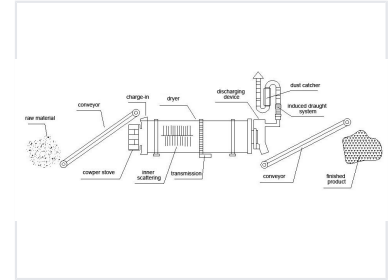


# Industrial Drum Dryer

The drum dryer efficiently dries materials using a rotating drum and internal flights for optimized heat transfer. It is suitable for processing both low and high viscosity materials.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Industrial Drying Solution

This industrial drum dryer, also known as a rotary dryer, is an energy-saving and high-efficiency equipment designed for processing both low and high-viscosity materials. It features a robust cylindrical drum with internal scattering mechanisms to ensure uniform heat transfer and optimal moisture removal. Engineered for versatility, it serves a wide range of industries including metallurgy, mining, and chemical engineering, delivering consistent results even for high-moisture materials.

## Performance Metrics

### Key Performance Indicators

**50 t/h**

Max Capacity

**800 °C**

Max Inlet Temp

**50 °C**

Max Discharge Temp

## Technical Capabilities

Production Capacity	0.5-50 t/h
Equipment Weight Range	4-230 t
Highest Inlet Air Temperature	700~800 °C
Installation Obliquity	3~5%

## Application

### Processible Materials

- Alfalfa and Straw
- Distillers' grains and Wine's grain
- Wood shavings and Saw dust
- Chinese herbal medicine
- Potato starchy residue
- Manioc waste
- Clay and Kaolin
- Vegetables

### Target Industries

Metallurgy, Construction Materials, Chemical Engineering, Coal Washing, Mining, Sand Making, Agriculture

## Key Features

### Operational Advantages

- No air leakage with advanced sealing technology
- Controlled final moisture indicators
- Low discharge temperature (below 50°C) for direct storage
- Negative pressure operation for safety and cleanliness
- Energy-saving and environmental protection design

## Model Specifications

### Model Comparison Table

Spec (Dia.xLength)	Capacity (t/h)	Main Motor (kw)	Weight (t)
1.2x8.0	1.9~2.4	7.5	9
1.5x12	4.5~5.7	15	18.5
1.8x14	7.6~9.5	18.5	23
2.2x16	13.0~16.2	22	38
2.4x20	19.3~24.1	45	54
3.0x25	37.7~47.1	75	95
3.6x28	60.8~76.0	160	135