

# Industrial Sawdust Dryer System

This industrial dryer system efficiently removes moisture from sawdust and wood shavings. It is designed with cyclone separators and a high-capacity blower for optimal drying performance.



## Overview

### High-Efficiency Industrial Sawdust Drying

This industrial-grade drying system is engineered for the rapid moisture removal of wood waste, including sawdust, wood shavings, and various agricultural stalks. Utilizing high-speed hot air conveyance and cyclone separation, the system ensures consistent, high-quality dry output for biomass fuel and pellet production. Its robust rotating cylinder design and automated temperature control provide significant energy efficiency and operational reliability for large-scale wood processing facilities.

## Application

<b>Compatible Materials</b>	Sawdust, Wood shavings, Corn stalks, Soybean straw, Cotton stalks, Wheat straw, Sorghum stalks, Mulberry leaves
<b>Typical Industries</b>	Straw briquette fuel, Wood pellet fuel, Sawdust briquette, Machinery industry, Agricultural engineering

## Technical Specifications

### Production Capacity

**2.5 T/H**

Minimum

**36 T/H**

Maximum

### System Weight

**13.5 T**

Minimum

**105 T**

Maximum

### Model Specifications

Model	Capacity (T/H)	Power (KW)	Weight (T)
!1.2x10m	2.5	7.5	13.5
!1.5x12m	3.3-4.9	10	18.9
!1.5x15m	4-6	18.5	21
!1.8x12m	4-6	18.5	23
!2.2x12m	7-12	18.5	38
!2.2x14m	7-12	22	40
!2.2x16m	12	30	45
!2.4x14m	12	30	51
!2.4x18m	10-13	37	54
!2.4x20m	10-14	37	55
!3x20m	25	55	78
!3x25m	32-36	75	105

## Features

### Key Advantages

- Large drying intensity via high material dispersion
- Reduced drying time
- Simple, easy-to-maintain structure
- High thermal efficiency
- Variable-frequency speed control
- Automated temperature management system