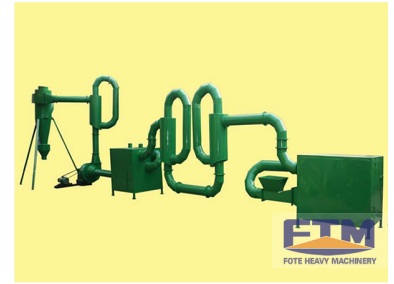


# Industrial Airflow Dryer for Material Processing

This airflow dryer offers strong drying capabilities, a short working period, and low energy consumption. It is suitable for drying powdery, flake, and heat-sensitive materials.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Industrial Airflow Drying

The Industrial Airflow Dryer, also known as a hot air pipe dryer, provides direct heating and rapid moisture removal for a wide range of materials. It is specifically designed for heat-sensitive, powdery, and flake materials, offering a compact, foldable installation to optimize floor space. This system ensures a short working period and low energy consumption while maintaining high-quality output with steady humidity and excellent fineness.

## Performance

### Maximum Production Capacity

**36 T/H**

Max Throughput

### Key Features

Strong Drying Ability, Short Working Period, Low Energy Consumption, Simple Operation, Direct Heating, Quick Drying

## Applications

### Suitable Materials

- Starch
- Rice flour
- Food products
- Medicine
- Chemical materials
- Sawdust
- Wood shavings
- Agricultural waste

## Technical Specifications



The modular airflow drying system featuring high-efficiency cyclones and interconnected ductwork for rapid moisture removal.

### Model Specifications & Technical Data

Model (m)	Capacity (T/H)	Motor 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

### Installation

Foldable design for space-saving installation

## Operational Principle

### How it Works

Wet materials enter the dryer pipe where they are turned over by spread shoveling plates. This ensures complete contact with hot air to accelerate mass transfer. Materials are then discharged through a starry valve under the combined effect of the inclining plates and high-velocity hot air.