

# Industrial Sludge Drying Machine

The sludge drying machine efficiently removes moisture from various materials, including activated sludge, petrochemical sludge, and municipal sludge. It is also suitable for drying biological fermentation residue and other high-moisture materials.



## ADDITIONAL IMAGES



## Overview

### Industrial Sludge Drying Solution

This industrial sludge drying machine is designed for high-efficiency moisture removal across various sectors, including municipal, petrochemical, and tanning industries. It features a robust drum construction using high-grade 45Cr and 35CrMo materials for superior wear resistance and operational longevity. Equipped with automated control systems and an efficient radiator design, the machine ensures uniform drying while minimizing energy consumption.

## Key Features

### Equipment Advantages

- Automatic control panel for precise drying time management
- Durable stainless steel drum construction
- Low-noise, reliable triangulation tape drive system
- Optimized heat exchanger and radiator for energy efficiency
- High-efficiency exhaust and internal cage rotation for uniform drying

## Technical Specifications

Model Configuration Table

Model	Diameter (mm)	Length (m)	Slope (°)	Power (kw)
0.6x8-12	600	8-12	3-5	4
0.8x10-10	800	10-12	3-5	4
1.0x10-12	1000	10-12	3-5	5.5
1.2x12-18	1200	12-18	3-5	11-15
1.5x12-18	1500	12-18	3-5	15-22
1.8x12-18	1800	12-18	3-5	185-30
2.2x12-22	2200	12-22	3-5	22-30
2.8x15-24	2800	15-24	3-5	30-55

## Construction

### Material Specifications

45Cr (Roller), 35CrMo (Roller), Stainless Steel (Drum)