

# Vertical Cuttings Dryer

The vertical cuttings dryer efficiently separates liquids from solids found in drilling mud. Its design reduces waste volume and minimizes environmental impact in oilfield operations.



## Product Overview

### Industrial Sludge Management Solution

The Vertical Cuttings Dryer is a high-efficiency system designed to reduce moisture content in industrial sludge from 80-90% down to 20-30%. By enabling the processed sludge to be utilized for combustion, it effectively solves traditional landfill disposal challenges. The equipment operates within a fully sealed environment to ensure zero dust or odor leakage, supporting environmental sustainability goals.

## Performance Metrics

### Daily Processing Capacity

**15 tons/day**

Processing Capacity

### Moisture Reduction Performance

- Input moisture content: 80% - 90%
- Output moisture content: 20% - 30%

## Operational Features

### Compatible Heat Media

- Water vapor
- Heat transfer oil
- Hot water
- Cooling water

### System Characteristics

Indirect Heating, Insulated Housing, Sealed Operation, Low Operating Cost, Low-speed Mixing

## Technical Specifications

### Design Advantages

Feature	Benefit
Indirect Heating	Prevents heat loss and air entrainment
Wedge-shaped blades	Ensures optimal material contact and heat transfer
Compact footprint	Maximizes processing capacity per unit volume