

# Continuous Sludge Dewatering Belt Filter Press

The Belt Filter Press is a continuous sludge dewatering machine utilizing a moving filter cloth belt to separate solids from liquids. It features a multi-roller system to apply increasing pressure, squeezing out water and producing a drier sludge cake.



## ADDITIONAL IMAGES



## Overview

### Continuous Sludge Dewatering Belt Filter Press

This continuous sludge dewatering belt filter press is engineered for efficient solid-liquid separation in demanding industrial environments. Utilizing a multi-stage process including gravity drainage and mechanical pressure, it effectively reduces sludge volume to minimize disposal costs. The system features a robust frame construction and automated controls, ensuring reliable, high-throughput operation for wastewater treatment, mining, chemical, and food processing applications.

## Technical Specifications

### Dewatering Process Stages

- Pretreatment
- Gravity dehydration
- Wedge-shaped pre-pressure dehydration
- Press dehydration

### Performance Metrics

**1 Continuous**  
Operation Mode

### System Capabilities

Automated Control, Adjustable Belt Tension, Belt Washing System, Continuous Operation, Multi-roller System

## Applications

### Suitable Industries

Wastewater Treatment • Mining Operations • Chemical Processing • Food Processing