

# Toner Cartridge Recycling System

This recycling system processes used toner cartridges to recover valuable materials. It features shredding, separation, and cleaning stages for effective and environmentally responsible recycling.



## ADDITIONAL IMAGES



## System Overview

### Professional Toner Cartridge Recycling Solution

This industrial recycling line is engineered to process waste toner cartridges into recoverable plastics, ferrous metals, and non-ferrous materials. By utilizing advanced mechanical and physical separation methods, the system achieves a toner collection efficiency of over 90% while significantly reducing environmental pollution. The modular design ensures stable, high-capacity operation suitable for large-scale waste management and resource recovery facilities.

#### Recoverable Materials

Plastic, Iron, Magnetic Metals, Aluminum, Copper, Toner Powder

## Performance Metrics

### Key Operational Metrics

**1500 kg/hr**

Max Capacity

**90 %**

Toner Collection

**117.3 KW**

Power Rating

### Technical Specifications

Parameter	Value
Shredding Speed	12-15 r/min
Particle Size	< 20x50mm
Noise Level	85-90 dB
Conveyor Width	350mm
Shredding Width	800mm

## Physical and Electrical

### Dimensions & Power

- Dimensions: 21.8m x 7.3m x 4.5m
- Voltage: 380V
- Frequency: 50Hz