

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