

Recycling

EQUIPMENT FOR MUNICIPAL SOLID WASTE AND RECYCLING FACILITIES



Ferrous Separators



Magnetic Drums

Heavy-duty, high-volume ferrous separators for metals recycling and recovery. The P-Rex Rare Earth Drum is possibly the strongest permanent magnet on the planet.

- Available in permanent or electromagnetic versions
- 36 to 84-inch diameters
- 36 to 96-inch widths
- Up to 15-inch magnetic field reach



Suspended Magnets

Suspended above a conveyor, these powerful magnets remove tramp metal from conveyed materials with deep burden depths.

- Permanent or Electromagnetic
- Self-cleaning and manual-cleaning models available
- Simple installation
- Low operating costs
- Wide variety of sizes to cover all conveyor widths



Magnetic Head Pulleys

Automatic separation of heavy tramp iron from conveyor transported materials

- Self-cleaning
- Low operating costs
- 8 to 36-inch diameters
- 12 to 72-inch widths
- Ideal for high speed, heavy burden depths and hard-to-separate materials

Magnetic Drum-In-Housing

- Ideal for high-volume ferrous recovery
- Automatic self-cleaning operation
- Criss-cross agitation, Rare Earth and Salient Pole Rare Earth styles
- Drum-only available for existing houses or structures





Nonferrous Separators

Metal Loss Monitor

Vibratory Feeders



Eddy Current Separator

Separates nonferrous materials using Rare Earth magnets arranged into a high-speed rotor producing repelling eddy currents. Separate UBCs, aluminum, brass and copper.

- Up to 80-inch widths
- RevX-E eccentric rotors
- Concentric rotor models available for high purity PET flake and high recovery of UBCs
- Conveyor speeds up to 600 ft/min for maximum capacity

Metal Loss Monitor

The MLM scans the waste stream for missed metals, specifically UBCs and aluminum.

- Can identify poor performing separation equipment
- Easy installation
- Optional online data collection and remote reporting



Brute Force Feeders

Single-mass mechanical feeder with twin rotary motors suited for heavy duty applications. Their simple design makes them reliable, easy-to-repair and handle shock loading well.

- Low cost units
- Easy maintenance
- Good for heavy impacting



Before







After



After



- 5-Star Service
- ★ Equipment remanufacturing
- ★ Original OEM parts
- ★ Full "as-new" warranties
- ★ On-site field service
- ★ 24/7 service hotline











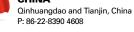
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WORLD AUTHORITY IN SEPARATION TECHNOLOGIES

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