



Recycling

EQUIPMENT FOR MUNICIPAL SOLID WASTE AND RECYCLING FACILITIES



Ferrous/Steel Separators



Drum Magnets

Electro or permanent, heavy-duty, high-volume ferrous separators typically used in ASR/MSW/MRF for metals recycling and recovery. The P-Rex Rare Earth Drum is possibly the strongest permanent magnet on the planet.

- 36 to 84-inch diameters
- 36 to 96-inch widths
- Up to 15-inch magnetic field reach
- Available in permanent or electromagnetic versions
- Ideal for high-volume, heavy-duty applications

Magnetic Drum-In-Housing

Drum only for existing houses or structures in many sizes.

- Automatic self-cleaning operation
- Criss-cross agitation, Rare Earth and Salient Pole Rare Earth styles
- Ideal for high-volume ferrous recovery



Permanent Suspended Magnets

Suspended above a conveyor, these powerful magnets remove steel from conveyed materials with deep burden depths. Typically, used to remove damaging tramp metals to protect downstream equipment.

- No operating costs
- Simple installation
- Self-cleaning models available

Suspended ElectroMagnets

- On and off ability
- Wide variety of sizes to cover all conveyor widths
- Five-year warranty on coil assembly
- Self-cleaning or manual-cleaning models
- (6) EriezXpress models available in 10 days



Magnetic Pulleys

This magnet replaces the head pulley on a conveyor, attracting and holding the ferrous metal to the belt achieving very effective separation.

- Self-cleaning, low cost operation
- 8 to 36-inch diameters
- 12 to 72-inch widths
- Available in permanent and electromagnetic construction
- Ideal for high speed, heavy burden depths and hard-to-separate materials



Nonferrous Separators

Metal Loss Monitor - UBCs

Vibratory Feeders



Eddy Current Separator

Metal Loss Monitor - UBCs in waste

Brute Force Feeders

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

- Separates aluminum and other NF metals
- Up to 80-inch widths
- REV Xe eccentric rotors
- Concentric rotors for PET
- Quick Ship models available

Installed on the waste conveyor typically positioned after an Eddy Current Separators, the MLM scans the waste stream for missed metals and specifically UBCs and aluminum scrap.

- Analyzes the waste stream for missed metals
- Easy installation under a conveyor
- Can diagnose poor performing separation equipment
- Optional - online data collection
- Optional - Remote reporting

Single-mass mechanical feeder with twin rotary motors well suited for heavy impacting applications. Their simple design makes them reliable, easy-to-repair and handle shock loading well. They're not designed heavy head loading.

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

Dual Pass PET Eddy

High purity PET flake recovery

- Strongest magnetic circuits
- Highest launch angle
- Conveyor speeds up to 600 ft/min
- Multiple Pass on same ECS conveyor for maximum PET flake purity

smart



Sounds Alarms & Sends Text Alerts






5-Star Service

5-Star Service

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

Before



After



Before



After



World Authority in Separation Technologies

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