



# 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



## 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



## 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



# Vibratory Feeders



## 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



## 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



### HEADQUARTERS:

2200 Asbury Road • Erie, PA 16506-1402 U.S.A.

P: 814-835-6000 • F: 814-838-4960

E-mail: [eriez@eriez.com](mailto:eriez@eriez.com) • [www.eriez.com](http://www.eriez.com)



**AUSTRALIA**  
**Eriez Magnetics Pty. Ltd.**  
Epping, Victoria  
P: +61 (0)3-8401-7400



**BRAZIL**  
Belo, Horizonte MG, Brazil  
P: 55 11 4056-6644



**CANADA**  
**Eriez Flotation Division**  
Vancouver, BC, Canada  
P: +1 604-952-2300



**CHINA**  
Qinhuangdao and Tianjin, China  
P: 86-22-8390 4608



**INDIA**  
Athipet, Chennai, India  
P: 91-44-26525000



**JAPAN**  
Urayasu, Chiba, Japan  
P: +81-47-354-6381



**MEXICO**  
Querétaro, Tlalhepantla, Mexico  
P: 52 555 321 9800



**SOUTH AFRICA**  
Bramley, South Africa  
P: 27-11-444-9160



**UNITED KINGDOM**  
**Eriez Magnetics Europe LTD**  
Caerphilly, United Kingdom  
P: 44-29-2085-5854



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