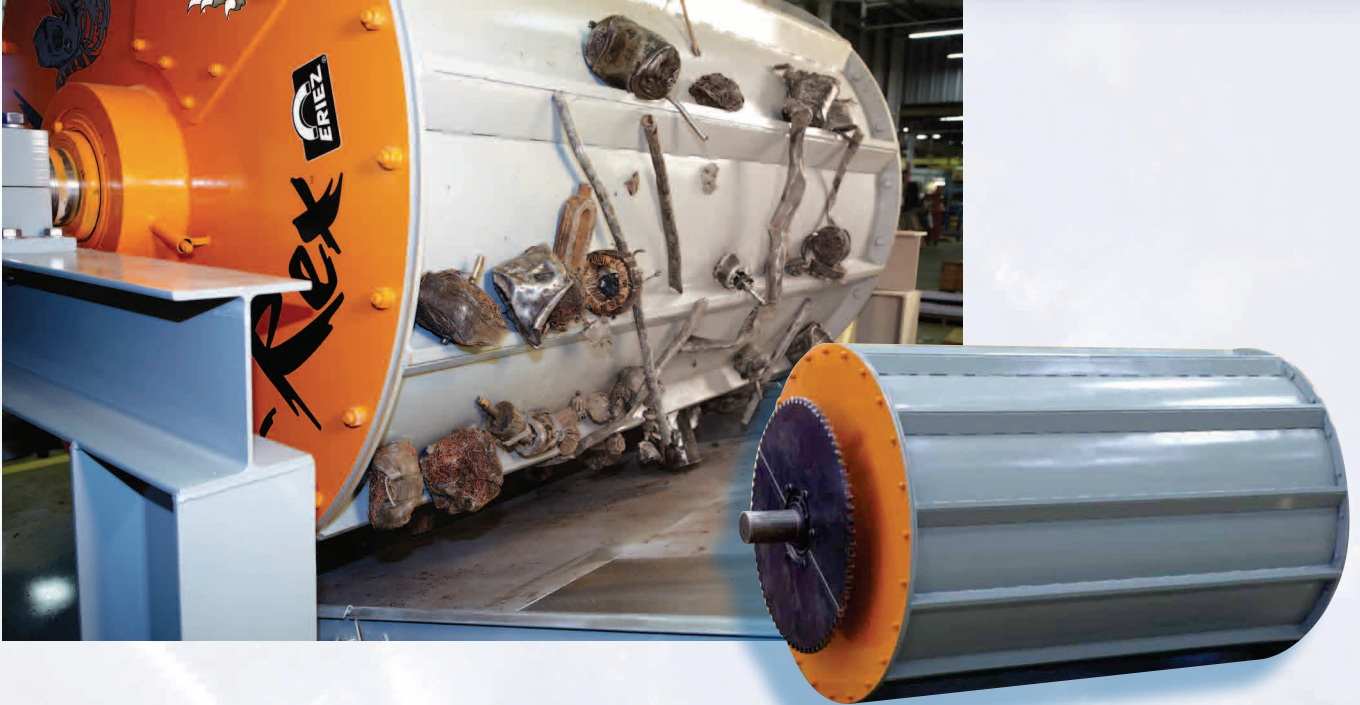


Permanent Magnetic Scrap Drum Separator

Model:



**Permanent Rare Earth
Extreme Drum Magnet for
automatic separation of
heavy ferrous during scrap
metal processing such as
meatballs or armature
assemblies**

Principle of operation

As material reaches the Drum, the magnetic field attracts and pulls scrap ferrous up to the Drum shell. As the Drum revolves, it carries the material through the stationary magnetic field. The non magnetic material falls freely from the shell, while ferrous materials are held firmly until they are carried out of the magnetic field and deposited over the top of the separator.

Benefits

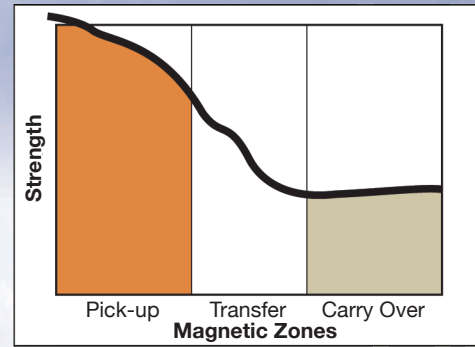
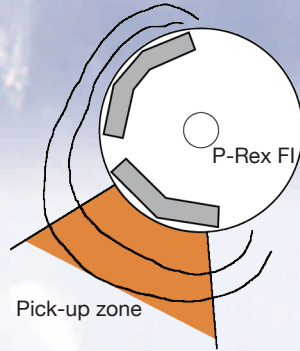
- 40% Stronger magnetic field compared to an Electro Magnet
- Wide pick-up zone
- Constructed of solid magnetic material over the complete width for edge-to-edge performance
- No heat induced strength loss
- Agitates and flips to shake free any trapped debris
- Permanent magnets are used to produce the magnetic field and thus no power is required
- Optional retractable jaw available to pull the magnets away from the Drum shell



P-Rex Permanent vs Electro-Magnetic comparison

The permanent magnet in the P-Rex has a 40% stronger magnetic field during operation with twice the reach resulting in superior ferrous separation. P-Rex's deep reach and exceptionally large pick up zone enable it to capture heavy ferrous metals at a greater distance.

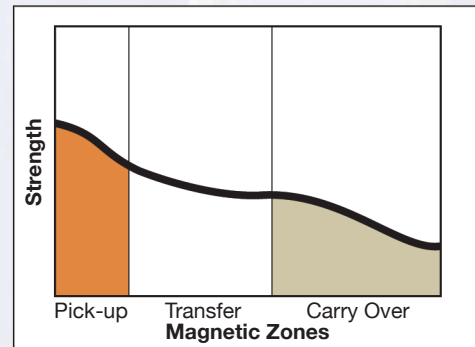
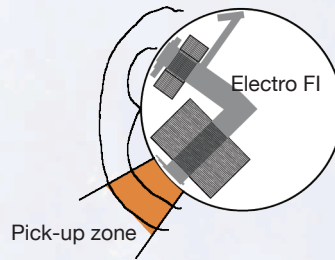
P-Rex Magnetic Profile



A magnet's toughest challenge

Spheres are the most difficult objects to capture magnetically. Add to that in scrap processing many of these objects contain nonferrous metals and wire making magnetic attraction even more difficult. P-Rex is up to the challenge... able to reach into the shredded material and remove even these difficult meatballs (armature assemblies).

Electro Magnetic Profile



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