

Magnetic Drum Separator

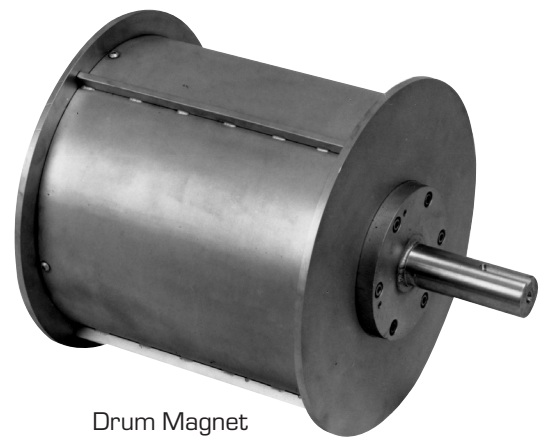
Designed for High-Flow and Bulk Materials for Continuous Removal

Drum Magnets and Drum Separators are self-cleaning and provide continuous removal of ferrous contaminants from a wide range of free-flowing bulk and granular materials in high-volume applications.

When material flows onto the drum magnet, a stationary magnetic assembly inside the unit's shell captures tramp metal and holds it securely to the drum's stainless steel surface. With contaminants removed, the good product falls freely to a discharge point. As the drum rotates, cleats sweep the ferrous debris through and out of the magnetic field. The tramp metal is discharged separately, creating continuous self-cleaning separation.

Specific features:

- Designed for continuous separation and cleaning without interrupting the product flow.
- Ideal for high-flow, heavy contamination applications.
- Stainless steel drum, mild-steel or stainless steel housings.
- Ceramic and High-Intensity (NHI) Rare Earth magnets are available.



Drum Magnet



Drum Magnet with housing

SPECIFICATIONS

General material: 302/304 stainless steel drum cover, 11 gauge mild steel housing with .6cm x 5cm flanges. Stainless steel housings are optional.

Magnet material: High-design Ceramic permanent magnet is standard. Rare Earth magnets are available.

Magnet design: Stationary Ceramic or Rare Earth magnetic assembly inside rotating drum shell.

Contaminant removal: Ferrous fragments, nuts, bolts, and other tramp metal from free-flowing granular material.

Method of cleaning: Continuous self-cleaning design.

Capacity: Estimated at 61 to 3048 cubic meters per hour and more.

Sizes: Standard 30cm to 61cm diameters with various face widths.