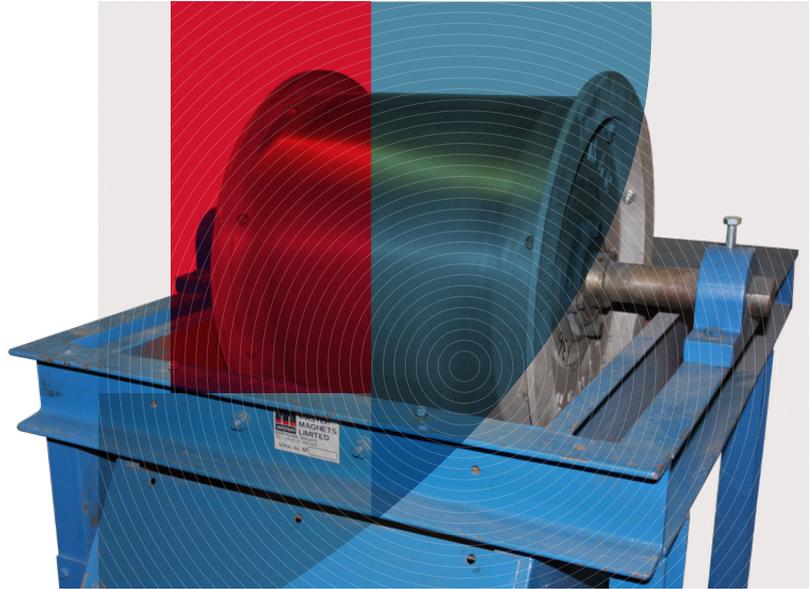


Magnetic Drum Separator



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.

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.**

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.



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.

CLIENT SAMPLE TESTING FACILITY

Bunting has a sample testing facility and a mineral testing laboratory based in the UK, with experienced staff to ensure that the most suitable and cost-effective machinery is recommended for each application. Our testing facility houses a range of equipment, representing smaller scaled versions of our industrial product range allowing accurate scale up to industrial capacities.



REPAIR AND REFURBISHMENT SERVICE

We offer a full repair and refurbishment service for all types of magnetic equipment.

The range of services offered includes:

Appraisal: Site Visit and preliminary report.

Inspect and Report: Equipment stripped down and inspected in our works facility and a detailed quotation of refurbishment or repair.

Repair Service: Mechanical, electrical and fabrication repairs carried out in our comprehensive workshops.



Bunting has over sixty years experience providing innovative magnetic solutions to industries involved in recycling, demolition and reclamation, mining and quarrying, food processing, ceramics production and powders and minerals processing. The Bunting range of systems are known for their high performance and reliable operations.

Please visit our Website at www.mastermagnets.com to view our full range of Equipment where brochure and video downloads are available.

For more information on our full range of products please contact us on the contact details below.

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