Sieve Magnet

At A Glance

- **Protection: Secondary**
- **Feed Type: By Sieve**
- **Material Type: NdFeb**
- **Cleaning Type: Manual**



Our sieve magnet is a unique lightweight, full stainless steel design which reduces the stress on the sieve that other types often cause.

The unit is positioned beneath the sieve screen allowing excellent separation to be achieved. Due to the high intensity of the magnetic field within the unit, even sub-micron sized particles generated by the wear of the sieve screen can be successfully attracted.

Benefits

- Easy to install
- Reduces 'spark' risk
- Meets audit requirements
- Removes micron sized contaminants
- Protects against screen wear and failure
- Static dissipative all metal construction

Performance

Magnetic Performance	7000, 9000, 11000 and 12000 Gauss
Performance Reading	On tube surface
Magnet Grade	N35 & N45 – Inspected and confirmed via hysterograph prior to use
Temperature	-20°C / +90°C

Suitability

Suitable Products	Dry powders, granulates and liquids etc.
Suitable Location	Post sieve screen

Materials

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeb)
Tubing	316 grade stainless steel
Other Parts	316 grade stainless steel
Surface Finish	Polished to 0.6µm

Cleaning

Simply remove the top pan and screen from the sieve. The magnet can now be removed from the bottom pan and placed onto a non-magnetic surface. Using the supplied cleaning tool, simply scrape all attracted contamination to each rod end where it can be removed.

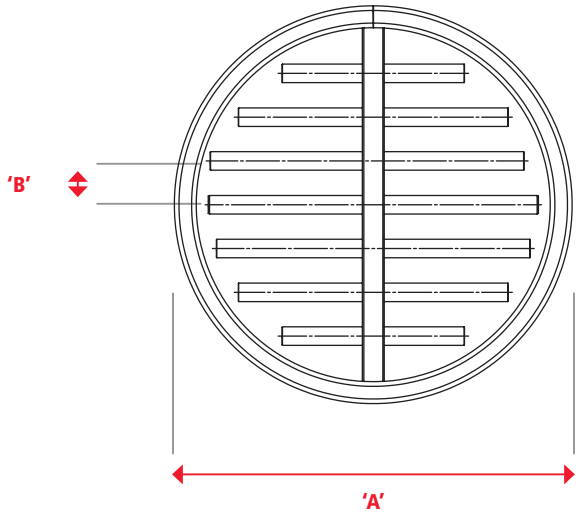
Options

- Pharmaceutical specification
- ATEX certified
- Magnet and screen metal detectable silicon rubber seal
- Higher temperature versions available

Eclipse Magnetics. Innovative Magnetic Solutions

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Sieve Magnet



Part Number	A (mm)	B (mm)	Number Of Rods	Weight (kg)	Gauss	To Be Used In Types
SU600/M/SS	545	55	7	14	7,000	RussellFinex - Compact
SU600/M/HS	545	55	7	14	9,000	RussellFinex - Compact
SU600/M/SHS	545	55	7	14	11,000	RussellFinex - Compact

For non-standard sizes, please contact sales@eclipsemagnetics.com

Metal Detectable Seal

The Eclipse Magnetics metal detectable sieve magnet and screen seal is a patented rubber seal that allows for easy detection in case of breakage due to excessive sieve wear.

The magnet and screen seal differ in size and can be fitted to the patented sieve magnet. These seals can also be retro fitted to existing sieve magnets and screens from leading manufacturers. All materials used to manufacture these seals are listed in the FDA regulations.

