





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
- Removes micron sized contaminants
- Reduces 'spark' risk
- Protects against screen wear and failure
- Meets audit requirements
- 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 hysteresograph 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 |

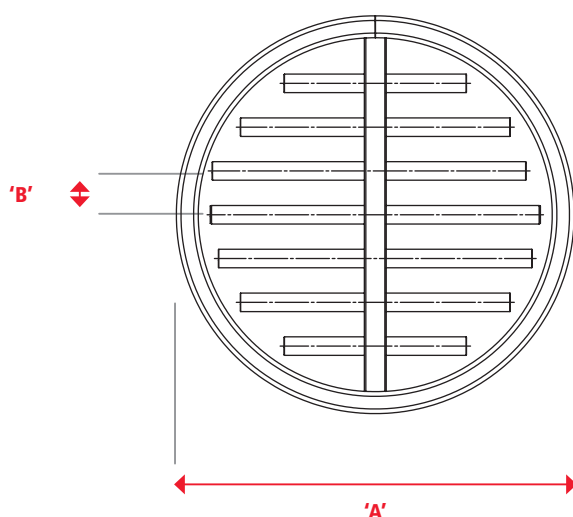
Cleaning

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

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.

