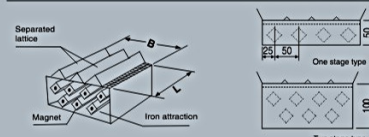
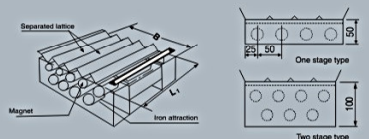
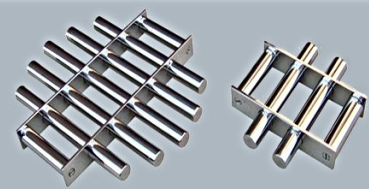


S-MAG

maxx-Clean® Rare Earth Magnetic Grills

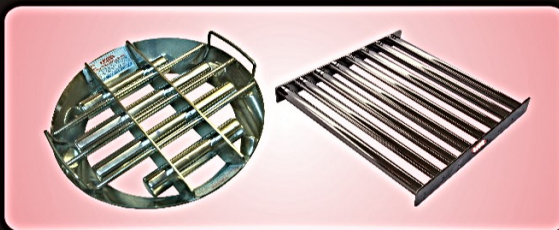


RARE EARTH MAGNETIC GRILLS :

Magnetic Grills are extremely efficient for removing fine iron contamination from dry free flowing products such as spices, sugar, grain, tea, plastic granulate and powdered chemicals. They are easily placed into hoppers, product intake points and at finished goods outlet points. They are installed in seconds and provide guaranteed instant protection. Contamination such as rust, stainless steel scrapings and wear from machinery are often too small to be detected by a Metal Detector, but are easily removed by these highly efficient Magnetic Grills.

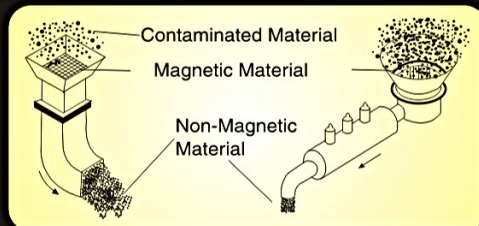
Magnetic Grills are constructed from a number of highly magnetic rods, which are held in position at pre-determined centers by a supporting framework.

The rods emit powerful magnetic fields across the gaps between the rods and these reach into the product stream, attracting and securing ferrous contamination as it flows through. Once attracted, the contamination sticks to the surface of the rod and eventually finds sanctuary on the underside of the rod where it is safe from the wash-off effects of continuous product flow. Magnetic Grills are manufactured using 304 grades Stainless Steel for all exterior parts, making them



MAIN FEATURES AND BENEFITS :

- The grill are available in 3 magnetic strength upto 11000 gauss power.
- Provides ultimate protection from a wide range of fine product contaminants.
- Totally maintenance free (apart from cleaning), no power supply, no running costs
- Quick and easy to install. If its in position, you know its definitely working
- Grill Magnets are available in a vast range of standard sizes (many ex-stock)
- Fully sealed, welded and highly polished food quality 304 grade Stainless Steel.
- Guarantee on magnetic performance.
- Supplied with fully tested certificate.



Safety Through Power

S-MAG

maxx-Clean® Rare Earth Separator Rod



HIGH INTENSITY RARE EARTH SEPARATOR RODS :

High Intensity Rare Earth Separator Rods are extremely efficient for removing fine iron contamination from free flowing products such as sugar, grain, tea, plastic granulate, powdered chemicals and liquids. These rods are ideal for engineers wishing to design and construct their own magnetic separators.

Polished 304 Grade Stainless Steel tubes contain Rare Earth Neodymium Iron Boron magnets. The rods are completely sealed by utilizing an elaborate welding process, which provides the additional benefit of high mechanical strength. Once welded the rods are finish machined and

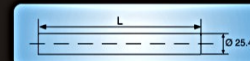
The rods can be assembled using stainless steel side plates to form Magnetic Grids or a single rod can be fitted into an existing mechanical filter to form a combination filter. Contamination such as rust, stainless steel scrapings and wear from machinery are often too small to be detected by a metal detector, but are easily removed by these highly effective rods.

MAIN FEATURES AND BENEFITS :

- The rods are available in three Magnetic strengths up to 11,000 Gauss on the rod surface.
- Standard Strength - Designed to remove coarse ferrous contamination.
- High Strength - Designed to remove fine ferrous contamination.
- Super High Strength - Designed to remove micron sized ferrous and paramagnetic contamination.
- Provides ultimate protection from a wide range of fine product contaminants.
- Totally maintenance free (apart from cleaning), no power supply, no running costs.
- Quick and easy to install. If its in position, you know its definitely working.
- Rod Magnets are available in a vast range of standard sizes (many ex-stock).
- Fully sealed, welded and highly polished food quality 304 grade Stainless Steel.

TECHNICAL SPECIFICATIONS :

- Magnetic Performance :
 - ◆ Standard strength 7000 - 8000 Gauss
 - ◆ High strength 8000 - 9000 Gauss
 - ◆ Super High strength 9500 - 11000 Gauss
 - ◆ Extreme High strength 12000 - 13500 Gauss
- Magnetic Material: High Energy 'Rare Earth' Neodymium Iron Boron. (NDFEB GRADE : N35 / N45)
- Material Specification: All surface parts are 304 grade Stainless Steel.
- Finish: Highly polished, welded & fully sealed.
- Shape: Three shape available in Rare Earth Separator Rods are Round , Square, Triangle.
- Limitations: High Intensity Rare Earth Separator Rods should not be exposed to temperatures in excess of 100 °C (212 °F).
- Guarantee on magnetic performance



All rods are fully sealed and watertight making them ideal for liquid applications

Note : Separator Rod are also available in • Ferrite Magnet (3000 Gauss) • Ferrearth Magnet (5000 Gauss)

SANTOSH MAGNETIC WORKS

Leaders in Magnetic Engineering

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