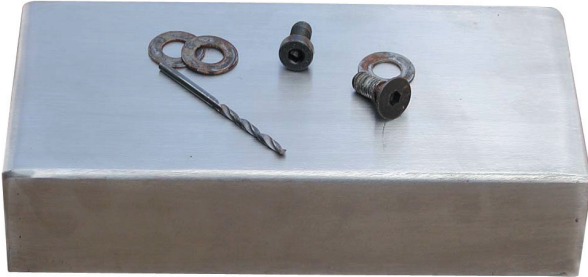


Strip Magnet

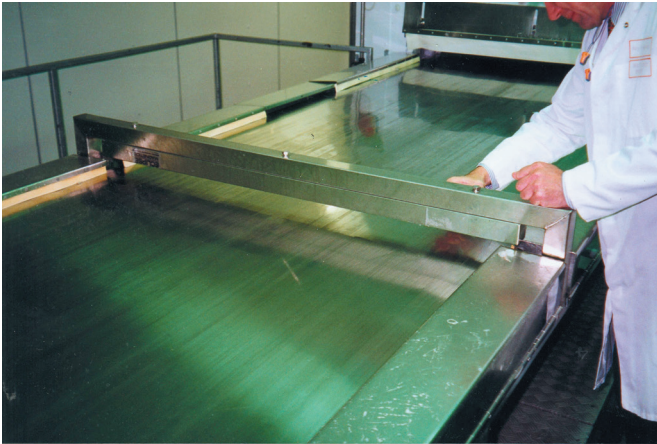
High Intensity – Rare Earth

Datasheet No. 507



Rare earth Strip Magnets are versatile and can be used in various processes. These units are usually installed above transfer conveyors and vibratory feeders to attract 'tramp' type contamination and any loose machinery that has fallen off during the manufacturing or packaging stages.

The unit consists of two rows of magnetic material running the full length of the unit. These generate high intensity magnetic flux fields, which reach approximately 3.3 inches from the units front face. Magnetism is only present on one face ensuring that no surrounding sensitive process machinery is affected.



'Tramp' contamination can be attracted from the conveyor surface even when trapped underneath the product e.g. biscuit etc. The unit's full stainless steel construction means water and chemical clean down can be carried out.

Cleaning

The strip magnet is highly visible once installed and any attracted contamination can be easily seen. In most cases this contamination can be removed by hand. In high collection installations a simple scraper can be used.

Working with the maintenance department, any attracted machinery parts can be quickly identified and corrective maintenance carried out.

Suitable Products

All conveyed products less than 4 inches thick.

Suitable Locations

Above transfer belt conveyors and vibratory feeders.

Benefits

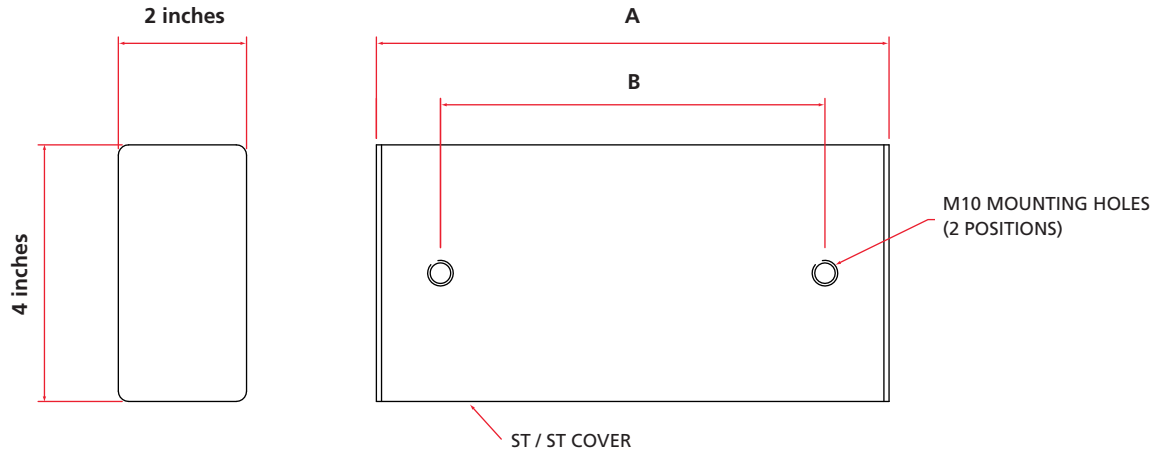
- Suitable for wash down
- High collection capacity
- Removes 'tramp' sized contaminants
- Rare earth deep magnetic field
- Easy to clean

Category

Primary protection - tramp.



Technical Data



Product Information

Part Number	A inches	B inches	No. Of Holes	Weight kg	Weight lb
SMN100	4	2	2	2.5	5.5
SMN200	8	6	2	5.0	11
SMN300	12	8	2	7.5	16.5
SMN400	16	8	2	10.0	22
SMN500	20	8	3	12.5	27.5
SMN600	24	8	3	15.0	33
SMN700	28	8	4	17.5	38.6
SMN800	32	8	4	20.0	44
SMN900	36	8	5	22.5	50
SMN1000	40	8	5	25.0	55

Performance

Magnetic performance
Performance reading
Magnetic field depth

4,000 Gauss
 On magnetic front face
 3 inches – Using 0.19 inches
 Ø 0.9 inches long mild
 steel test piece
Magnetic material
 Rare earth neodymium
 iron boron
Magnet grade
 N35 – Inspected and
 confirmed via hystero-graph
 prior to use
 -4°F / +194°F

Magnetic material

Magnet grade

Temperature

Materials

Housing

Other parts

Surface finish

304 grade stainless steel
 304 grade stainless steel
 Brushed to 2.0µm

Options

- High temperature samarium cobalt magnetic material, +482°F
- Length up to 79" long
- 316 grade stainless steel
- ATEX certified
- Ceramic magnetic material
- Pharmaceutical specification

If you have any more questions, require technical assistance or would like a quotation, please contact us.

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.

