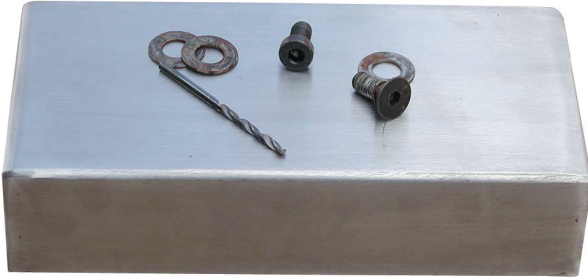


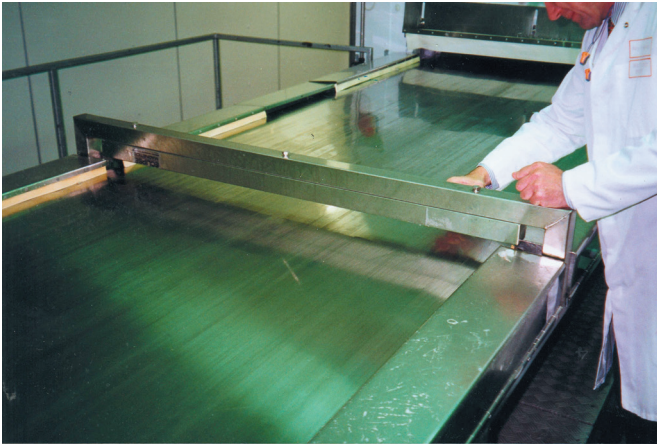
Strip Magnet

High Intensity – Rare Earth



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 85mm 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 85mm thick.

Suitable Locations

Above transfer belt conveyors and vibratory feeders.

Benefits

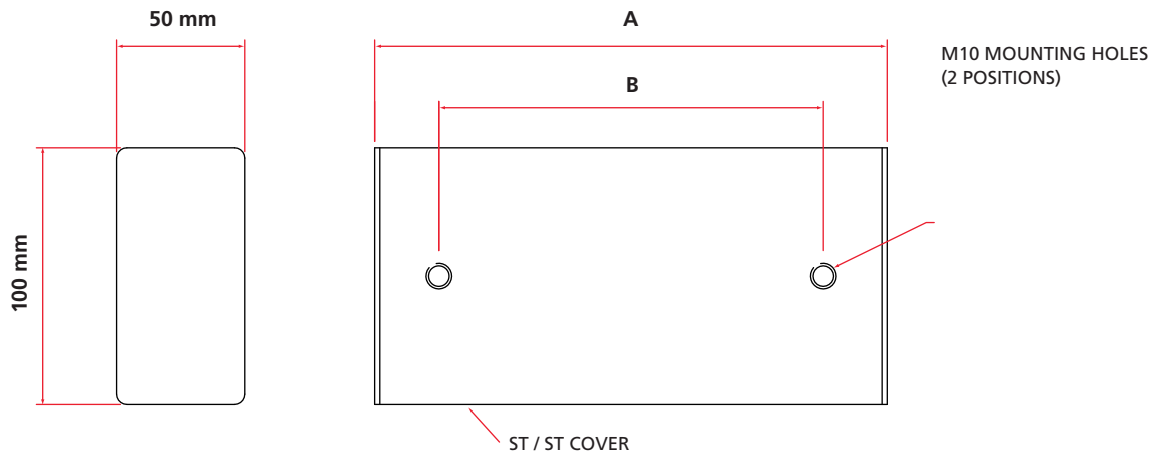
- Suitable for wash down
- High collection capacity
- Removes 'tramp' sized contaminants
- Rare earth deep magnetic field
- Easy to clean

Category

Primary protection - tramp.



Technical Data



Product Information

Part Number	A mm	B mm	No. Of Holes	Weight kg
SMN100	100	50	2	2.5
SMN200	200	150	2	5.0
SMN300	300	200	2	7.5
SMN400	400	200	2	10.0
SMN500	500	200	3	12.5
SMN600	600	200	3	15.0
SMN700	700	200	4	17.5
SMN800	800	200	4	20.0
SMN900	900	200	5	22.5
SMN1000	1000	200	5	25.0

Performance

Magnetic performance
Performance reading
Magnetic field depth

4,000 Gauss
 On magnetic front face
 85mm – Using 5mm
 Ø 25mm long mild steel
 test piece

Magnetic material

Rare earth neodymium
 iron boron

Magnet grade

N35 – Inspected and
 confirmed via hystero-graph
 prior to use
 -20°C / +90°C

Temperature

Materials

Housing

304 grade stainless steel

Other parts

304 grade stainless steel

Surface finish

Brushed to 2.0µm

Options

- High temperature samarium cobalt magnetic material, +250°C
- Length up to 2000mm 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.

