ROTARY MAGNET

DESCRIPTION

The Greenwood Easy-Clean Rotary Magnet is an inline magnetic separator used in vertical process lines for the extraction of ferrous and paramagnetic particles from dry product. It is has been designed specifically for products that are susceptible to bridging such as milk powder or starch.

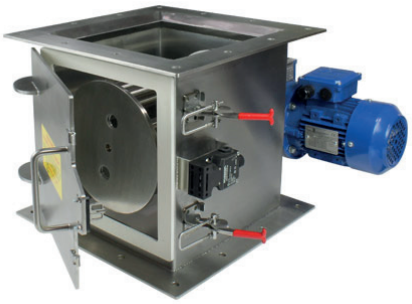
The centrally mounted grid gently rotates extracting fine ferrous and semi –ferrous particles whilst ensuring that the product remains free flowing, thus prevent the product from bridging or clogging.

Particles as small as 30 microns can be extracted thus proving ideal for food and pharmaceutical applications.

Cleaning is a simple fast process. After the stopping the product flow, the access door can be opened and the rotary grid is removed from the housing. By sliding out the powerful rare earth magnetic rods, the metal contamination automatically falls off the tubes, which can be kept for analysis. Electrical safety switches are fitted to isolate the motor prior to access for cleaning.



Rotary Magnet – door closed

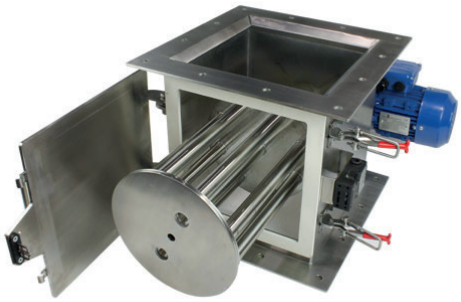


Rotary Magnet – door open

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ROTARY MAGNET



Rotary Magnet- rotary grid being removed



Rotary Magnet – Easy-clean Magnetic rods being removed from outer tubes

FEATURES

Easily installed
Easy to clean
Hygienic design
Polished internal finish (other finishes available)
FDA approved food quality seal (metal detectable also available)
Optional Extra: ATEX certification
Optional: Fixed “not easy-clean tubes” to 12000 gauss

SPECIFICATION

Bespoke design to suit application
High Intensity Rare Earth Magnetic Material
Can extract ferrous particles to 30 microns
9000 gauss (Optional upgrade to 10000 gauss easy-clean)
Housing and tubes manufactured from 316 stainless steel
415 volt three phase motor
Flanged to suit specification

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