MAGNETIC HUMP

DESCRIPTION

The Greenwood Magnetic Hump, is an in-line magnet for extracting ferrous metals from pneumatic conveyor systems. The dust-proof galvanised steel hump contains two powerful magnetic plates positioned at right angles to each other. Materials passing through the conveyor system are evenly distributed through the hump and across the magnets with little turbulence and no blockage. Any unwanted ferrous metals within these materials will be automatically extracted. The hump is fitted with an inspection window to provide visual evidence of the magnets functional efficiency.



We also offer the Rare Earth Magnetic Hump in an easy clean version.

As each magnetic plate is opened for cleaning, the easy clean stainless steel “cover” plate splits away from the main rear magnetic plate. The easy clean cover plate has a locking mechanism so that it can only open to a certain extent. As the main magnetic plate is pulled away, the ferrous metal contamination drops automatically away from the plate outside the process. This makes cleaning far easier for the operative, less dangerous, and saves downtime. Manufactured up to a magnetic strength of 7000 gauss on the contact surface.



Easy Clean Hump -magnetic plates open



Easy Clean Hump – cover plate split away from main magnetic plate

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MAGNETIC HUMP

FEATURES

Easily installed

Highly effective and consistent performance due to high magnetic flux density

Magnetic surfaces are easily cleaned manually

Adaptors can be manufactured to suit all sizes of round or square ducts

Easy Clean Version available

SPECIFICATION

Magnet strength - will extract ferrous metal objects weighing 12 grams against gravity from a distance of 160mm (12 grams is equivalent to the weight of a standard 100mm long nail).

Incorporates heavy duty magnetic plates

Manufactured in any size or materEasy Clean Hump – cover plate split away form main magnetic plateials to suit customers requirements

Specials available including twin-hinged plates (see below): Manufactured in stainless steel where hygiene is imperative - stainless steel rare earth magnetic hump

Available with powerful rare earth magnets to extract minute ferrous particles

Weld ends can be fitted to the adaptors to suit your connections

STAINLESS STEEL RARE EARTH MAGNETIC HUMP



FEATURES

Polished hygienic stainless steel body

Powerful high intensity rare earth magnets

Flush stainless steel magnetic surfaces

Both hinged magnetic plates with quick-release clamps

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