

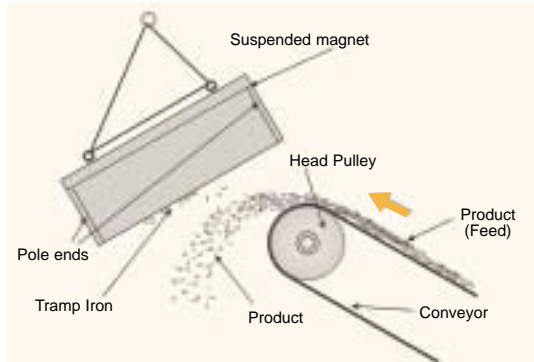
Magnet Installation

Position 1 - Over Head Pulley

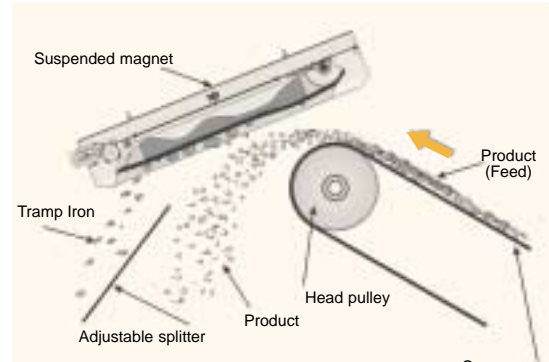
To achieve maximum separation efficiency, a suspended magnet should be placed immediately above the trajectory of material leaving the belt conveyor as shown.

Position 2 - Across Conveyor Belt

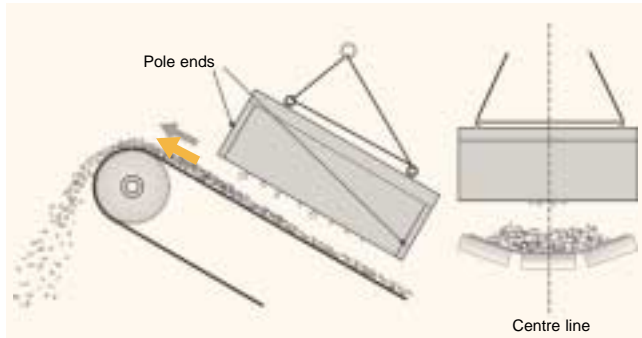
The magnet can also be placed across the conveyor belt. This position normally requires a stronger magnet, as separation of metal out of a static burden is more difficult. Raised, or rapping idlers under the conveyor belt can assist in freeing trapped iron.



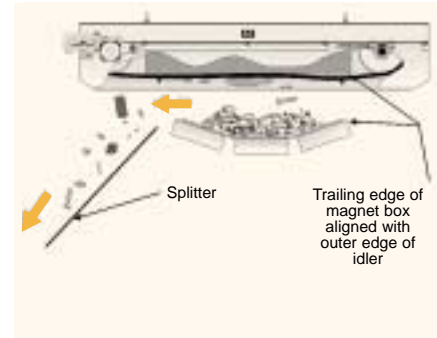
MC-1 Manual Cleaning - Position 1



SC-1 Self Cleaning - Position 1



MC-2 Manual Cleaning - Position 2



SC-2 Self Cleaning - Position 2

Magnet Cleaning

Extracted ferrous metals must be removed from the magnet face - the unit's separation efficiency would otherwise be reduced by an accumulation of metals on the magnet face. There are two available options for cleaning the magnet.

Manual Cleaning (MC)

For low levels of ferrous contamination, the magnet can be manually cleaned by wiping the magnet face. This can be easily done with a stripper plate (optional extra)

Self Cleaning (SC)

A moving continuous belt surrounds the magnet box. Ferrous material attracted by the magnet is held on the belt, as the belt moves clear of the magnetic field, ferrous materials fall away under gravity into bins for collection and disposal.

Optional Extras

Flame-proof motors, special belts, speed sensitive switches, belt tracking devices and extension magnets are all available as options to suit specific requirements.

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