



PLATE MAGNETS



Mastermag plate magnets are an inexpensive form of magnetic protection against occasional tramp iron contamination such as nuts and bolts.

They are usually installed within a chute or over a conveyor for the food and ceramic industry. Note that when fitting plate magnets in chutes or ducts, it is advised that close surrounding sections be made in a non-magnetic material to allow for a greater separation.

Mastermag Plate Magnets are maintenance free, and are easily installed giving a virtually unlimited service life and are not affected by wet conditions.

Hinges and catch plates are fitted to the plate magnets unless specified otherwise and can be used for mounting purposes.

A wide range of Plate Magnet housings are available, to ensure maximum separation when handling different products and burdens.

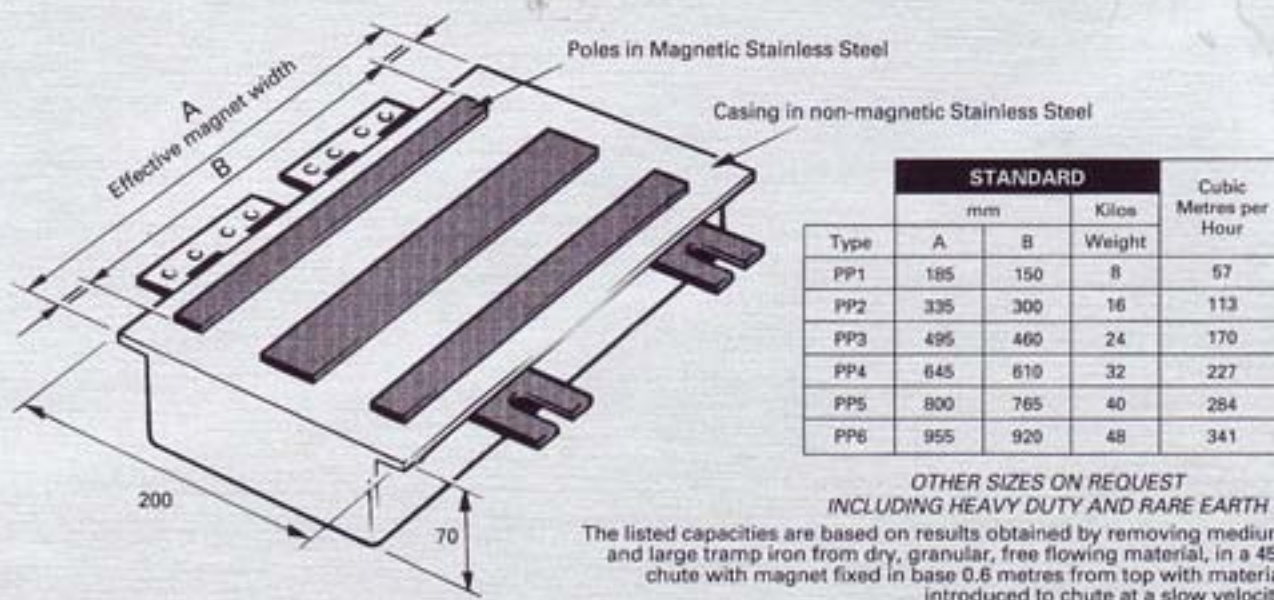


PLATE MAGNET RANGE

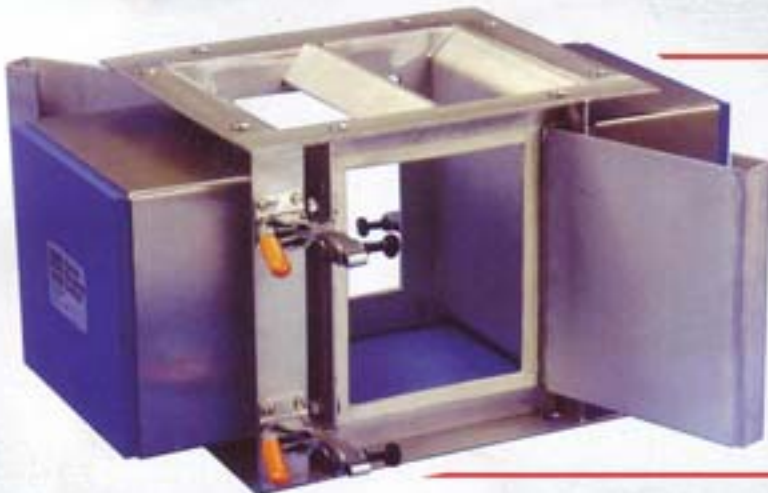


STANDARD PLATE MAGNET

Plate magnets are usually constructed from a magnetic stainless steel casing, having projected magnetic stainless steel poles. The magnet unit itself is made from strontium ferrite, providing excellent magnetic separation for standard duties

RARE EARTH PLATE MAGNET

We can also offer plate magnets made from neodymium iron boron or similar rare earth materials for specialised applications, such as the removal of fine iron from powders. Rare earth magnets generate extremely high magnetic intensity.



DUAL DEEP FIELD PLATE MAGNET

To extract metal from deeper burdens and increased throughput rates Master Magnets can also provide a dual deep field separator. A dual deep field separator includes two powerful plate magnets with special deep fields.

DIAGONAL LEG PLATE MAGNET

To provide double separation for heavy throughputs, two plate magnets can be fitted into a diagonal leg arrangement. This method of separation is used when iron contamination may be trapped beneath product burden.



Master Magnets have over twenty five years experience providing innovative magnetic solutions to industries involved in recycling, demolition and reclamation, mining and quarrying, food processing, ceramics production and powders and minerals processing. The MasterMag range of systems are known for high performance and reliable operations including magnetic separators for metals reclamation, tramp metal protection and high intensity mineral separation.

Visit Our Website at www.mastermagnets.co.uk for the entire range of Master Magnets Equipment.

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