MAGNETIC PLATES

DESCRIPTION



The Greenwood Magnetic Plate Type Elefant is designed for fitting into inclined chutes. Manufactured with a 3 mm thick stainless steel angle frame means that the construction is robust, allowing rigorous handling. It also allows the angle frame to be drilled for fitting purposes. Available with either standard ferrite magnets or the more powerful rare earth magnets.

Plates are usually installed in the base of inclined gravity feed chutes for the extraction of powder or granular materials being processed. It is simply fitted into the cut-out in the base of the chute or hinged from underneath. State which method when ordering.



Greenwood spout fitted with stainless steel encased rare earth magnetic plate. Note that angle is welded to the sides of the chute allowing fixing of the hinge and star knobs and wider magnetic coverage inside the chute.



Magnetic plate hinged open for cleaning. This plate is fitted with 3mm thick magnetic stainless poles for greater strength.

Greenwood Magnetics Ltd
Unit 1 Buckley Road Industrial Estate
Buckley Road, Rochdale
Lancashire
OL12 9EF

T +44 (0) 1706 645824
F +44 (0)1706 642 458
E sales@greenwoodmagnetics.com

MAGNETIC PLATES



Magnetic plate shown in situ in flour mill

FEATURES

Encased in stainless steel
Manufactured in various shapes and sizes
Magnetic surfaces easily cleaned manually
Effective and consistent performance due to high magnetic flux density
Easily installed
Powerful rare earth magnetic probes can be fitted for extra penetration of materials

SPECIFICATION

Magnet strength - will extract ferrous metal objects weighing 12 grams against gravity from a distance of 100mm (12 grams is equivalent to the weight of a standard 100mm long nail).
Flush face magnetic plates on request
Can supply spout fitted with plates to suit your pipe dimensions
Available with powerful rare earth magnets for extraction of fine ferrous particles
Can be supplied totally encased in stainless steel and fully welded (typically food and pharmaceutical applications)

Greenwood Magnetics Ltd
Unit 1 Buckley Road Industrial Estate
Buckley Road, Rochdale
Lancashire
OL12 9EF

T +44 (0) 1706 645824
F +44 (0)1706 642 458
E sales@greenwoodmagnetics.com