



MAGNETIC PRODUCTS, INC.

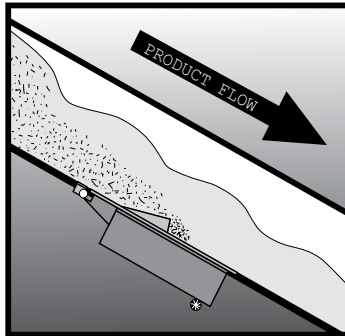
ENGINEERED METAL CONTROL SOLUTIONS

Plate Magnets

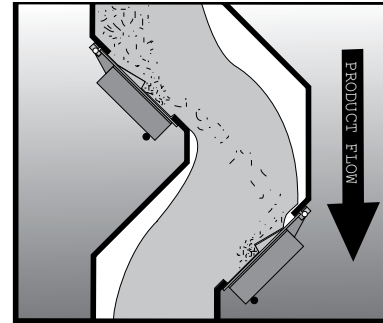
Series: PM, PMS, PM-SS, PM-DS



TYPICAL APPLICATIONS

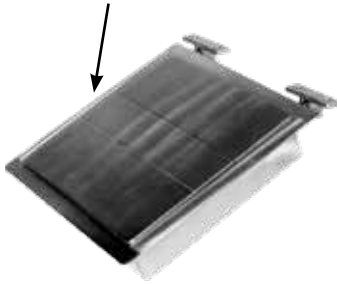


MOUNTED TO BOTTOM OF ANGLED CHUTE



CROSS-MOUNTED IN VERTICAL FLOW GRAVITY CHUTE

1" WIDE UNIFORM SEALING FLANGE
TO PREVENT PRODUCT LEAKAGE



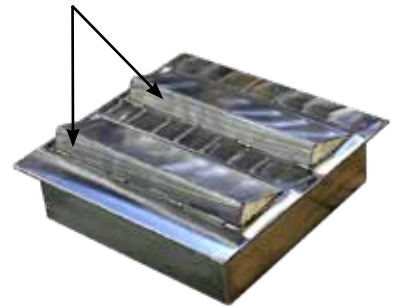
STANDARD SERIES
FOR LOW TO MEDIUM VOLUME
PRODUCT STREAMS

.125" / 3MM THICK 400 SERIES
STAINLESS STEEL-POLE AREAS



SINGLE-STEP SERIES
FOR USE IN MEDIUM TO HIGH VOLUME
PRODUCT STREAMS

TRAMP METAL RETENTION DIVERTERS



DOUBLE-STEP SERIES
FOR USE IN HIGH VOLUME PRODUCT
STREAMS

Application

MPI's Plate Magnets are designed for use in gravity-fed angled chutes which convey low to high volume product streams. Typical installations are below-the-flow, where product flows over the magnetic face, providing optimum ferrous tramp metal retention in a wide variety of chute applications.

Operation

MPI's Single Step and Double Step Plate Magnets are designed to divert the product stream away from the magnet surface while allowing tramp metal to be magnetically attracted to the magnet's surface behind the collection steps. Magnetic 400 series stainless steel pole areas maximize the holding power of the magnets. These Plate Magnets are easily installed and are supplied complete with sanitary hinges, latches and mounting hardware. The hinged mounting design permits quick, easy cleaning of the magnet surface. The strong magnetic field is effective in product streams up to 8" deep.

**Specifications subject to change*

Series Plate Magnet Version 4.0 © MPI

MPI

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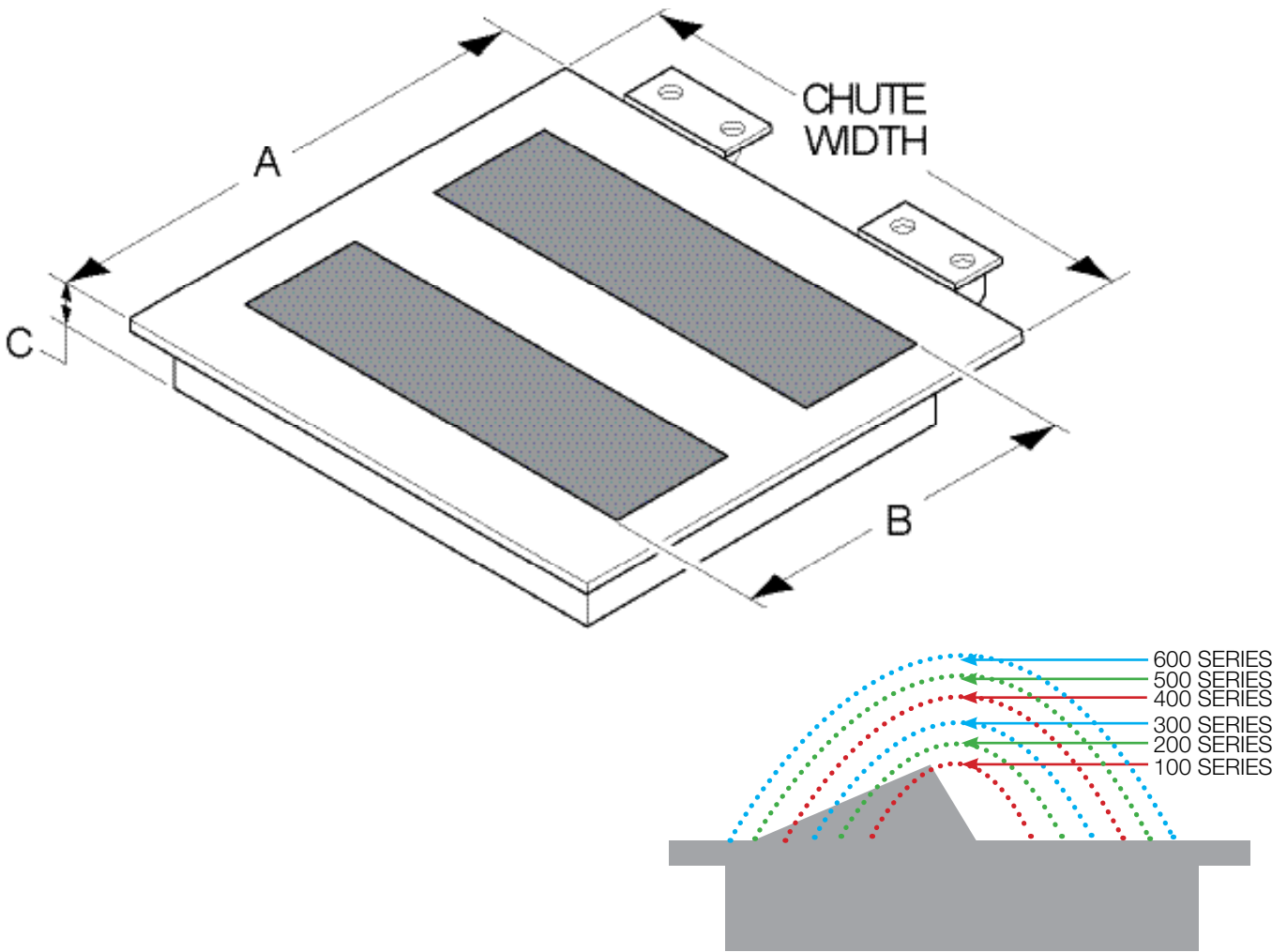


Plate Magnet Selection Guide

MAGNET SERIES	CHUTE LENGTH "A"		FACE WIDTH "B"		THICKNESS "C"		STEP HEIGHT		FIELD DEPTH		APPROX. UNIT WEIGHT	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	LBS.	KG
100 SERIES	7.5	191	5.5	140	1	25	0.50	13	1	25	14	6
200 SERIES	8.5	216	6.5	165	1.5	38	0.63	16	2	51	20	9
300 SERIES	10.5	267	8.5	216	2.125	54	0.81	21	3	76	40	18
400 SERIES	12.5	316	10.5	267	2.75	70	1.00	25	5	127	60	27
500 SERIES	15.5	394	13.5	343	4.25	108	1.50	38	8	203	95	43
600 SERIES	18.5	470	16.5	419	6.5	165	1.68	42	10	279	165	75

Standard Features

- 100% Stainless steel enclosed design
- Permanent magnet material - will not demagnetize
- Maximum separation magnetic circuit
- 1" wide uniform sealing flange to prevent product leakage
- Waterproof, weather-resistant enclosure
- Rugged all-welded construction

Options

- Powerful Rare Earth magnet material
- Quick-clean and self-clean designs available
- Replaceable abrasive resistant face plates
- USDA finish

**Specifications subject to change*

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