

Magnetic Products, Inc.

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Plate Magnets (PM, PMS, PM-SS, PM-DS Series)**Application:**

MPI 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:

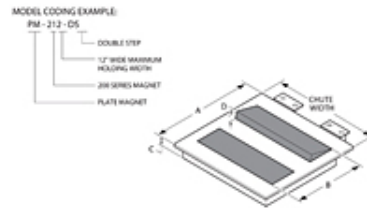
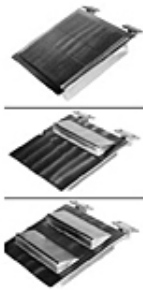
MPI Single-step and Double-step Plate Magnets divert the product stream away from the magnet surface, while allowing tramp metal to be magnetically attracted to the magnet's surface behind the collection steps. Magnetic 400 series stainless steel pole areas maximize the holding power of the magnets.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

Standard Features:

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

Optional Features:

- Custom designs and mountings
- Powerful Rare Earth magnet material
- Replaceable abrasive resistant face plates
- Quick-clean designs available

PLEASE NOTE: Customer may specify width on RFQ

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Item #	Overall Width (Specify on RFQ)	Overall Length "A"	Magnetic Face Length "B"	Thickness "C"	Step Height "D"	Weight	List Price
100 Series	N/A	7.5 in 191 mm	5.5 in 140 mm	1.000 in 25 mm	0.500 in 13 mm	14 lb 6 kg	QUOTE
PM-206	6 in 152 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	14 lb 5 kg	\$225.00
PM-208	8 in 203 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	16 lb 5 kg	\$295.00
PM-210	10 in 254 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	23 lb 8 kg	\$325.00
PM-212	12 in 305 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	26 lb 9 kg	\$350.00
PM-214	14 in 355 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	32 lb 10 kg	\$400.00
PM-216	16 in 406 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	34 lb 12 kg	\$450.00

PM-218	18 in 457 mm	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	37 lb 14 kg	\$500.00
200 Series	N/A	8.5 in 216 mm	6.5 in 165 mm	1.500 in 38 mm	0.63 in 16 mm	20 lb 9 kg	QUOTE
300 Series	N/A	10.5 in 267 mm	8.5 in 216 mm	2.125 in 54 mm	0.81 in 21 mm	40 lb 18 kg	QUOTE
400 Series	N/A	12.5 in 316 mm	10.5 in 267 mm	2.750 in 70 mm	1.000 in 25 mm	60 lb 27 kg	QUOTE
500 Series	N/A	15.5 in 394 mm	13.5 in 343 mm	4.250 in 108 mm	1.500 in 38 mm	95 lb 43 kg	QUOTE
600 Series	N/A	18.5 in 470 mm	16.50 in 419 mm	6.750 in 171 mm	1.68 in 42 mm	165 lb 75 kg	QUOTE

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