

**Magnetic Products, Inc.**

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## Hump Magnets

**Application:**

MPI's HUMP MAGNETS (MH Series) provide reliable and economical magnetic separation of tramp iron contaminants in low-to high-volume product flows in gravity-fed chutes. They are ideal for separating various sizes of contaminant from ferrous fines to larger pieces of tramp iron in numerous industries, including food, feed, grain, chemical, plastics, and textiles.

**Operation:**

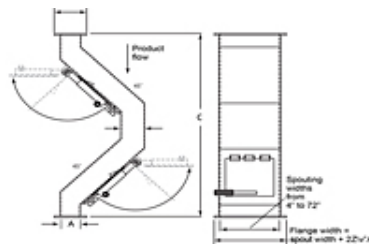
MPI's Hump Magnets can significantly reduce downtime on production runs by filtering out ferrous contaminants that contribute to costly wear and tear on processing equipment. As with all MPI separation equipment, our HM-series separators are engineered for easy installation, low maintenance and long service life. MPI's Hump Separators use powerful plate magnets to eliminate ferrous contaminant from free-flowing materials in gravity-fed, angled chutes. An optional plate magnet adapter is available to provide effortless operation with larger plate magnet sizes, during the cleaning cycle. There is no heavy lifting or handling, simply terminate the product flow, release the clamps and slide out the magnet to discharge the ferrous contaminant.

**Standard Features:**

- Permanent Ceramic 8 magnet material
- Stainless steel housing
- Operating temperatures of 450° F
- 1" wide sealing flange around magnet along with heavy-duty clamps and gasket prevent product leakage

**Optional Features:**

- Magnet roller glide mechanism for easy operation with no heavy lifting or handling during magnet cleaning
- Pre-drilled matching companion flanges for easy installation
- Powerful Rare Earth magnet material
- Plexiglass inspection windows
- Self-cleaning designs



Results 1 - 4 of 4

Item #	Plate Magnet Series	Spout Size "A"	Flange Length "B"	Approx. Overall Height "C"	Effective Magnetic Field Depth	Weight	List Price
MH-300	300	6 in 152 mm	8.25 in 210 mm	30 in 762 mm	3 in 76 mm	236 lb 108 kg	QUOTE
MH-400	400	6 in 152 mm	10.25 in 260 mm	42 in 1067 mm	5 in 127 mm	276 lb 126 kg	QUOTE
MH-500	500	8 in 203 mm	14.25 in 362 mm	48 in 1219 mm	8 in 203 mm	346 lb 156 kg	QUOTE
MH-600	600	10 in 254 mm	16.25 in 413 mm	52 in 1321 mm	10 in 279 mm	486 lb 220 kg	QUOTE

Results 1 - 4 of 4