



Magnetic Hump Separator

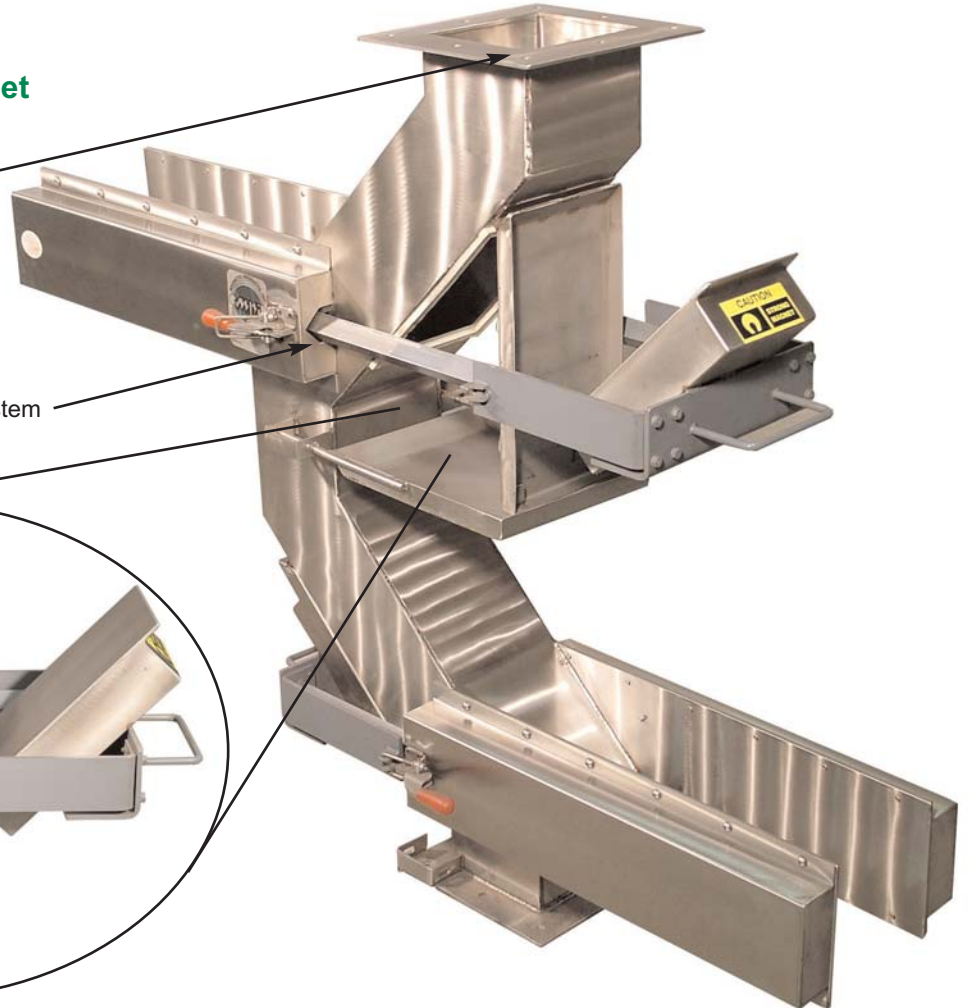
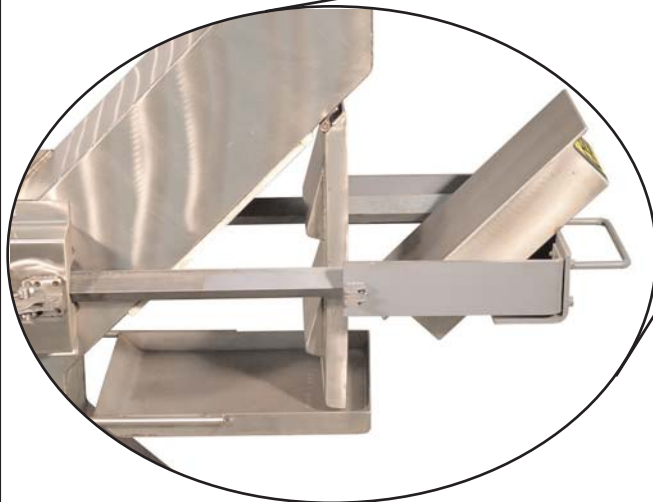
Series: HM

Model Shown Quick Clean Hump Magnet

Pre-drilled Matching Companion Flanges are available for easy installation into existing chutes

Optional roller glide system

Quick, simple and safe to clean



Application: MPI's HUMP MAGNETS (HM Series) supply 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 the food, feed, grain, chemical, plastics, textile and other industries.

Operation: MPI's Hump Magnets can significantly reduce down time on production runs by filtering out the ferrous contaminant that contributes to the costly wear and tear on processing equipment.

Like all of MPI's separation equipment, our HM-series separators are engineered for easy installation, low maintenance, and long service life.

MPI's Hump Separators make use of 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 the magnet out to discharge the ferrous contaminant.

Got a question about Metal Control or Material Handling Products...

Ask the
Magnet Man



www.magnetmanusa.com

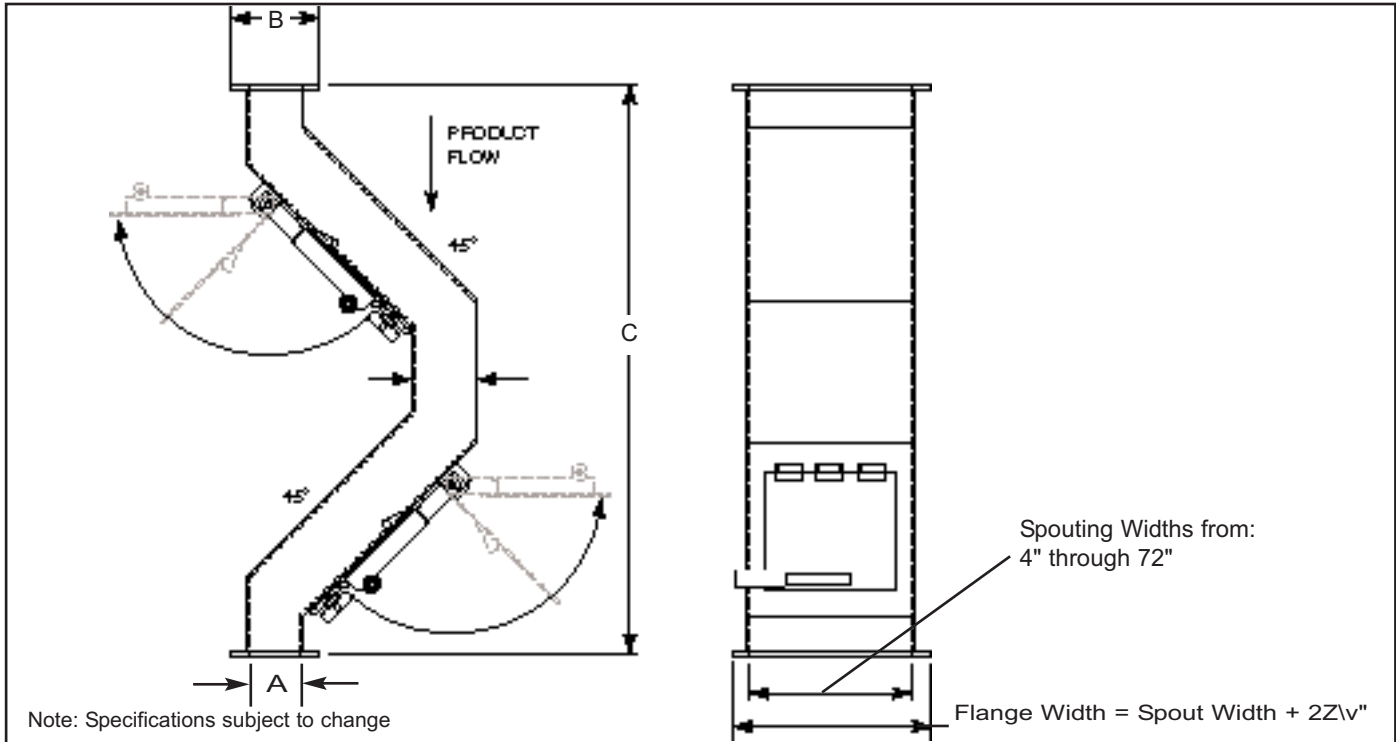
Magnetic Products, Inc.

Providing Magnetic Solutions for the
Material Handling Industry

800-544-5930



Providing Magnetic Solutions For the Material Handling Industry



Note: Specifications subject to change

Spouting Widths from:
4" through 72"

Flange Width = Spout Width + 2Z\sqrt{v}

MAGNETIC HUMPS SPECIFICATION GUIDE

MODEL NUMBER	PLATE MAGNET SERIES	SPOUT SIZE "A"		FLANGE LENGTH "B"		APPROX. OVER-ALL HEIGHT "C"		EFFECTIVE MAGNETIC FIELD DEPTH		APPROX. UNIT'S WEIGHT	
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	LBS.	KG
MH-300	300	6	76	8.25	210	30	762	3	76	236	108
MH-400	400	6	127	10.25	260	42	1067	5	127	276	126
MH-500	500	8	203	14.25	362	48	1219	8	203	346	156
MH-600	600	10	254	16.25	413	52	1321	10	279	486	220

Standard Features:

- Permanent Ceramic 8 magnet material
- Stainless steel housing
- Operating temperatures of 450 F
- Pre-drilled matching companion flanges for easy installation
- 1" wide sealing flange around magnet along with heavy-duty clamps and gasket prevent product leakage

Optional Features:

- Magnet roller glide mechanism. Providing easy operation with no heavy lifting or handling during magnet cleaning
- Powerful Rare Earth magnet material
- Plexi-glass inspection windows
- Self-Cleaning designs

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