MAGNETIC METAL SEPARATION

msamagnetics.com

HUMP MAGNET

TWO PLATE MAGNETS FOR EFFICIENT SEPARATION IN A DOGLEG CHUTE



Directed Flow. Efficient Separation.

The MSA Hump Magnet uses two plate magnets installed on a dogleg-shaped chute. The chute changes the direction of material flow to enable efficient separation. Select magnet type and width to suit the application. Hinged magnets and quick-release toggle clamps provide access for cleaning. A single-magnet half hump is available for installations with height restrictions.

FEATURES

- **Two plate magnets on a dogleg-shaped chute**
- **SS304 housing; optional mild steel construction**
- **FMP / FHP / REHP / REUHP plate magnet options**
- **Plate magnets hinged to the housing**
- **Quick-release toggle clamps for cleaning access**
- **Widths from 6 inches, in 2-inch increments**
- **Standard overall hump height: 30 inches**

BENEFITS OF THE HUMP MAGNET

- **Efficient separation** - the dogleg chute redirects material flow past two plate magnets.
- **Easy cleaning access** - release the toggle clamps and swing the hinged plate magnets open.
- **Application options** - select FMP, FHP, REHP or REUHP plate magnets to suit the process.
- **Material choice** - SS304 construction is standard; mild steel is available as an alternative.
- **Capacity matching** - select the plate magnet width to suit the material capacity handled.
- **Flexible widths** - sizes start at 6 inches and increase in 2-inch increments.
- **Height-restricted installations** - a special half hump with one plate magnet is available where a full hump will not fit.

MSA Magnetics
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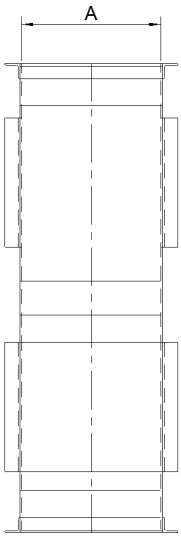
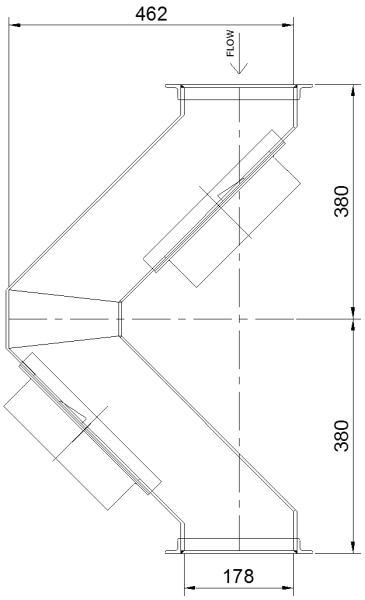
MSA Magnetics is a leading supplier of industrial magnets, lifting equipment and safety tools.
For more information visit our website: msamagnetics.com

HUMP MAGNET

DIMENSIONAL DRAWING AND MODEL SIZES





AVAILABLE MODELS

MODEL	PIPE DIAMETER	MAGNET WIDTH	A
HM - 6	4"	6"	124
HM - 8	6"	8"	174
HM - 10	8"	10"	225
HM - 12	9"	12"	276
HM - 14	10"	14"	327
HM - 20	12"	20"	479
HM - 24	14"	24"	581
HM - 30	16"	30"	733
HM - 36	18"	36"	885

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