



MAGNETIC PRODUCTS, INC.

ENGINEERED METAL CONTROL SOLUTIONS

Magnetic Chute Manual-Clean

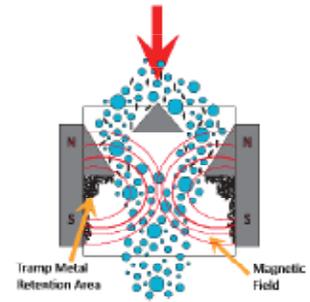
Series: MC-MC

STEPPED MAGNETIC
FACE TO MINIMIZE TRAMP
METAL "WASH-OFF"

CERAMIC MAGNET MATERIAL
(OPTIONAL RARE EARTH)



How It Works: Magnetic Chute



CUSTOM TRANSITIONS
AVAILABLE



CENTER DIVERTER
DIRECTS PRODUCT
FLOW TOWARDS
MAGNETIC FIELD

Application

MPI's exclusive Manual-Clean Magnetic Chutes are designed to remove medium to large-size ferrous tramp metal contaminant's from high-volume product flows in gravity-fed vertical chutes. The MC-Series magnets are ideal for use with heavy product flows which would otherwise bridge or choke if filtered through magnetic grates. MPI's MC-Series magnets are used in many industries including the food, feed, chemical and grain to improve product quality and protect equipment such as milling, processing and packaging.

Operation

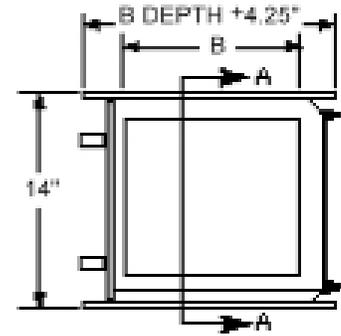
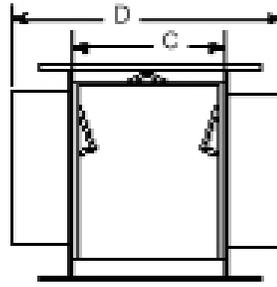
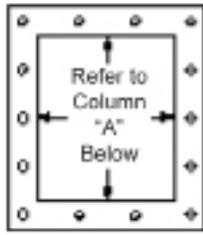
The product stream flows between two large permanent plate magnets located on either side of the chute. A center diverter directs the product flow towards the working surface of the two plate magnets, which are stepped to minimize tramp metal "wash-off". Tramp metal contaminants are captured from the product stream and collected under the step of the plate magnet. The cleaning shell or operator safely removes the tramp metal from the product stream to a disposal area outside the chute.

*Specifications subject to change

Series MC-MC Version 4.0 © MPI

MPI

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MC-MC Selection Guide

MODEL NUMBER	PRODUCT'S FLOW OPENING "A"		PRODUCT OPENING WIDTH "B"		PRODUCT OPENING DEPTH "C"		OVERALL WIDTH "D"		APPROX. UNIT'S WEIGHT		FLOW RATE
	IN	CM	IN.	CM	IN.	CM	IN.	CM.	LBS.	KG	FT ³ /HR
MC-808	8	20	8	20.3	8	20.3	18.75	47.0	154	70	1,200
MC-810	10	25	10	25.4	8	20.3	18.75	47.0	192	87	1,500
MC-812	12	31	12	30.5	8	20.3	18.75	47.0	231	104	2,000
MC-1010	10	25	10	25.4	10	25.4	20.75	52.1	195	88	2,200
MC-1012	12	31	12	30.5	10	25.4	20.75	52.1	233	106	2,500
MC-1014	14	35	14	35.6	10	25.4	20.75	52.1	272	123	3,000
MC-1016	16	41	16	40.6	10	25.4	20.75	52.1	311	141	3,500
MC-1018	18	46	18	45.7	10	25.4	20.75	52.1	350	158	4,000
MC-1020	20	51	20	50.8	10	25.4	20.75	52.1	389	176	5,000
MC-1022	22	56	22	55.9	10	25.4	20.75	52.1	428	194	6,000
MC-1024	24	61	24	61.0	10	25.4	20.75	52.1	467	211	7,020
MC-1026	26	66	26	66.0	10	25.4	20.75	52.1	506	229	8,500
MC-1028	28	71	28	71.1	10	25.4	20.75	52.1	545	246	10,000
Chutes larger than 28 inches wide are recommended as self-clean units only.											
MC-1030-SC	300	1935	30	76.2	10	25.4	20.75	52.1	584	264	11,500
MC-1032-SC	320	2065	32	81.3	10	25.4	20.75	52.1	622	282	13,300
MC-1034-SC	340	2193	34	86.4	10	25.4	20.75	52.1	661	299	15,200
MC-1036-SC	360	2323	36	91.4	10	25.4	20.75	52.1	700	317	17,000

Standard Features

- Powerful Ceramic magnet material
- 100% Stainless steel construction
- 14" total height
- Heavy-duty "quick-release" swing bolt latches
- Sani-TIGHT Seal™ Gasket
 - Type: Compression style "O-ring" cord gasket
 - 100% Positive seal, cannot be over-compressed
 - Sanitary: Can be removed for wash-down, no adhesive required
 - Center diverter and stepped magnetic faces to maximize tramp metal removal

Options

- Self-Cleaning designs
- High Energy Rare Earth magnet material
- Three-cell magnet designs
- Custom alloy stainless steel designs
- Tramp metal collection trays
- Chute transition adapters

*Specifications subject to change

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