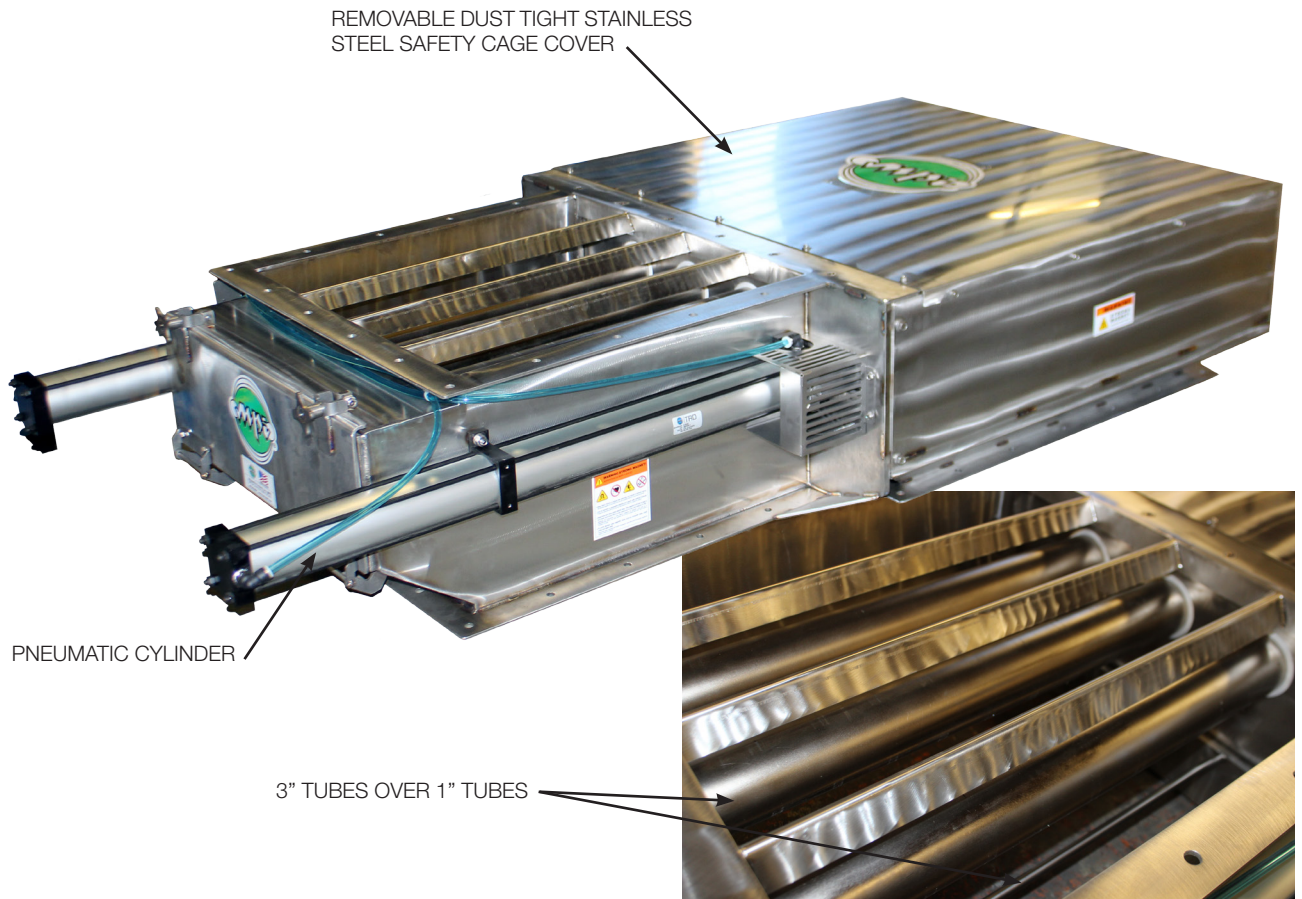




Large Tube Drawer Magnet Self-Clean

Series: DMH-200-SC



Application

MPI's Self-Cleaning Drawer Magnets protect processing equipment, such as milling extruding and mixing, while assuring high product quality standards with automatic magnet cleaning for maximum magnet performance. This particular unit is especially suited for hard to convey materials such as flour and sugar that easily choke or bridge traditional drawer magnets.

Operation

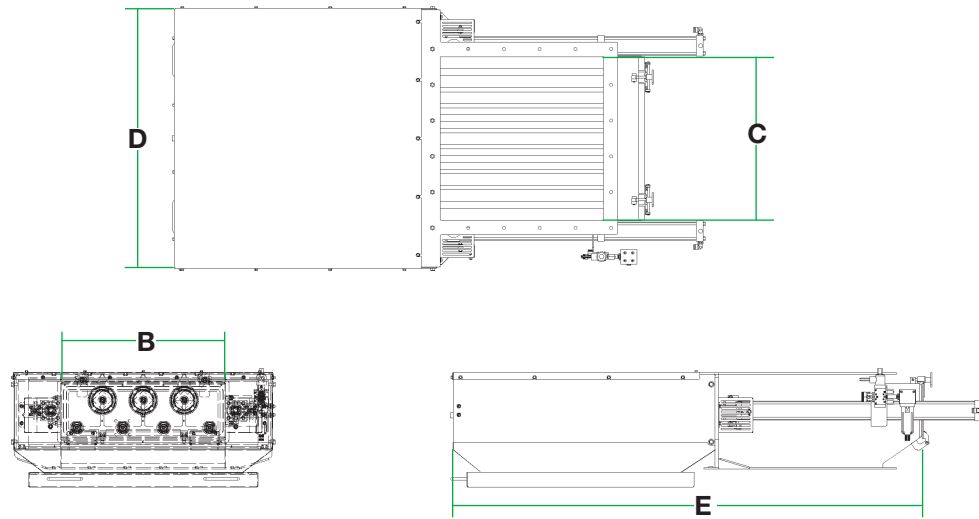
The Large Tube Drawer Magnet features a row of 3" tubes over a row of 1" tubes. The product stream flows over diverters that cause it to flow through the magnet's magnetic field. This creates an extremely effective magnetic circuit. The different size magnetic tubes prevent bridging or choking of the product stream and maximize magnetic filtration as product flows through the housing. Tramp metal contaminants are attracted to the magnetic tubes. The pneumatically operated cleaning system safely removes tramp metal from the product stream to a disposal area outside the product flow area.

**Specifications subject to change*

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MPI

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DMH-200-SC Selection Guide

MODEL NUMBER	FLOW OPENING AREA "B"		FLANGE WIDTH "C"		OVERALL WIDTH "D"		OVERALL LENGTH "E"		# OF MAGNETIC TUBES		APPROX. UNIT'S WEIGHT	
	SQ IN	SQ CM	IN	CM	IN	CM	IN	CM	Top Row (3" tube)	Bottom Row (1" tube)	LBS	KGS
DMH-208-SC	64	163	12.25	31	23	58	46	117	1	2	205	93
DMH-210-SC	100	254	14.25	36	25	64	50	127	1	2	228	103
DMH-212-SC	144	366	16.25	41	27	69	54	137	2	3	266	121
DMH-214-SC	196	498	18.25	46	29	74	58	147	2	3	305	138
DMH-216-SC	256	650	20.25	51	31	79	62	157	2	3	332	151
DMH-218-SC	324	823	22.25	57	33	84	66	168	2	3	345	156
DMH-220-SC	400	1016	24.25	62	35	89	70	178	3	4	400	181
DMH-222-SC	484	1229	26.25	67	37	94	74	188	3	4	435	197
DMH-224-SC	576	1463	28.25	72	39	99	78	198	3	4	480	218
DMH-226-SC	676	1717	30.25	77	41	104	82	208	4	5	524	238

Custom sizes available upon request.

Standard Features

- 100% stainless steel construction
- Rare Earth magnet material
- 14" overall height between flanges
- UHMW stripper seals for effective metal removal
- Operating temperatures up to 176° F
- Complete stripping action of magnetic tubes
- Two rows of magnetic tubes - top row of 3" diameter tube(s) and bottom row of 1" diameter magnetic tubes on 6" centers

Options

- Custom alloy stainless steel construction
- NEMA enclosures for non-hazardous locations
- Tramp metal collection trays
- Rare earth magnet material for high temperatures
- Ceramic 8 magnet material for less severe tramp metal applications
- Custom electrical interface or mechanical valve switch to eliminate electrical requirements
- Custom centers, and inlet/outlet flange sizing
- Abrasive resistant and non-stick surface treatment

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