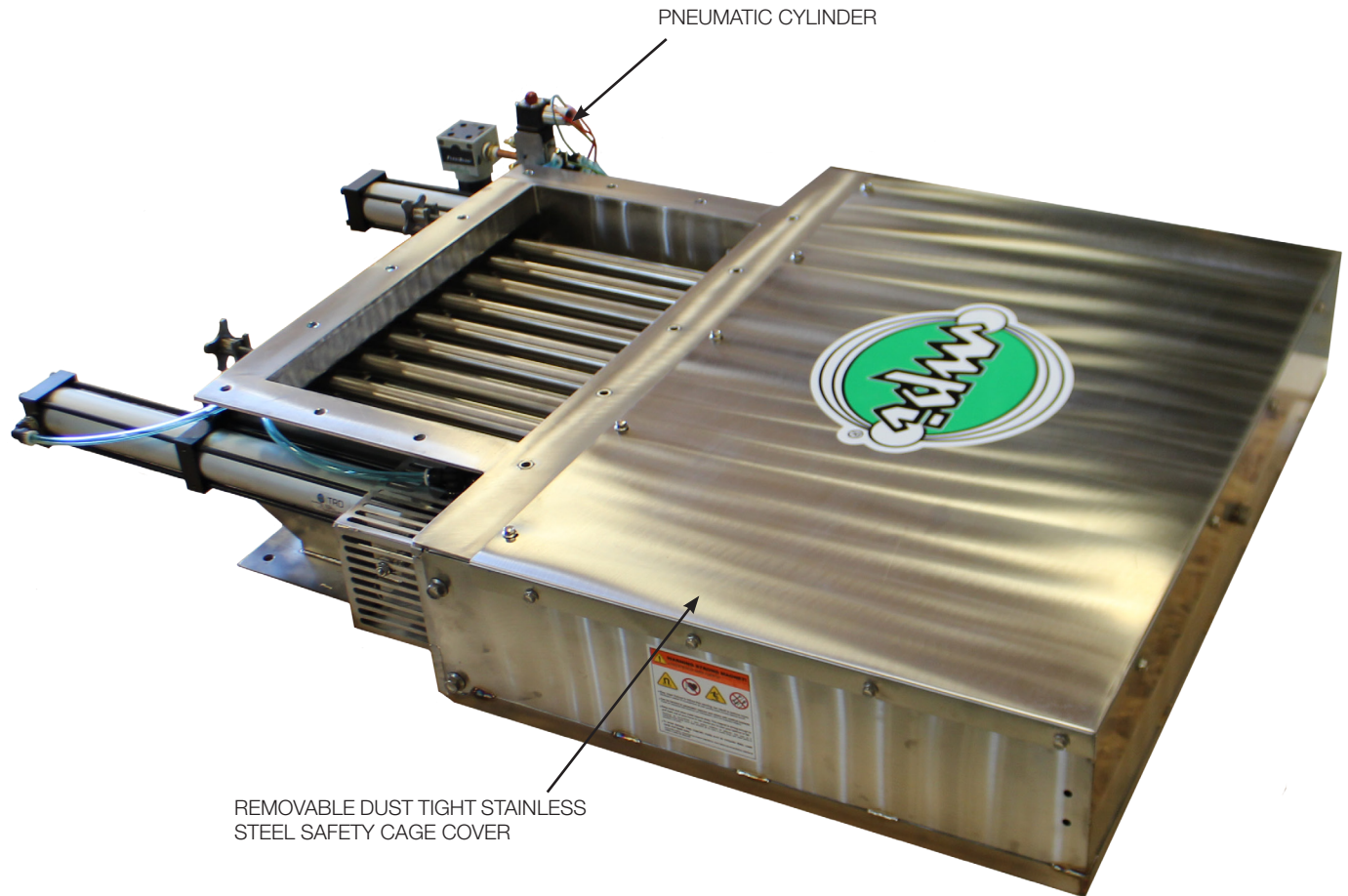




200 Series Drawer Magnet Self-Clean

Series: DMU-200-SC



Application

MPI's Self-Cleaning 200 Series Drawer Magnets utilize a "Type A" magnetic circuit, which is ideally suited to capture small contaminants, such as wire, metal shavings and metal wear from dry powder or granular free-flowing product streams in gravity-fed vertical chutes. This Drawer Magnet protects processing equipment, such as milling extruding and mixing, while assuring high product quality standards with automatic magnet cleaning for maximum magnet performance.

Operation

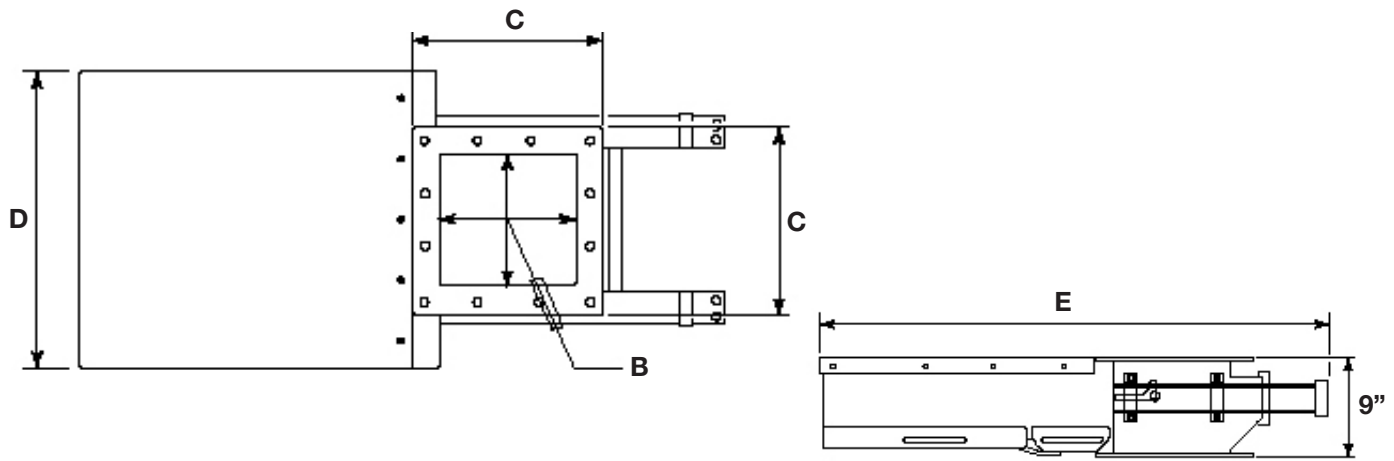
The product stream flows through a series of 1" diameter magnetic tubes designed to create an extremely effective magnetic circuit. Each row of magnetic tubes is staggered to prevent bridging or choking of the product stream and to maximize magnetic filtration as product flows through the housing. Tramp 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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DMU-200-SC Selection Guide

MODEL NUMBER	DMU'S FLOW OPENING AREA "B"		FLANGE WIDTH "C"		OVERALL WIDTH "D"		OVERALL LENGTH "E"		MAGNETIC TUBES	APPROX. UNIT'S WEIGHT		FLOW RATE
	SQ IN	SQ CM	IN	CM	IN	CM	IN	CM	2 Rows	LBS	KGS	FT ³ /HR
DMU-208-SC	64	20	12.25	31	22.75	57.79	43	109	7	170	77.1	600
DMU-210-SC	100	25	14.25	36	24.75	62.87	45	115	9	180	81.6	1,350
DMU-212-SC	144	30	16.25	41	26.75	67.95	47	120	11	190	86.2	2,400
DMU-214-SC	196	35	18.25	46	28.75	73.03	49	125	13	200	90.7	3,037
DMU-216-SC	256	40	20.25	51	30.75	78.11	51	130	15	230	104.3	3,750
DMU-218-SC	324	45	22.25	56	32.75	83.19	53	133	17	270	122.4	5,400
DMU-220-SC	400	50	24.25	61	34.75	88.27	55	140	19	300	136.1	6,337

Custom sizes available upon request.

Standard Features

- 100% stainless steel construction
- Rare Earth magnet material
- 9" 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 1" dia. magnetic tubes on 2" centers

Options

- Custom magnet tube spacing
- Multi-tier configuration
- Custom alloy stainless steel construction
- NEMA enclosures for non-hazardous locations
- Manual "quick-clean" design
- 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 inlet/outlet flange sizing
- Abrasive resistant and non-stick surface treatment

*Specifications subject to change

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