



## Self Cleaning 200-Series Drawer Magnet w/Self-Aligning Drawer

Series: DMA-SC

Model Shown  
DMA-214-SC



Patents Pending

**Application:** MPI's SELF-CLEANING 200-SERIES DRAWER MAGNETS (DMA-SC Series) are designed to remove fine and medium size ferrous tramp metal contaminant from dry, granular free-flowing product streams, in gravity-fed vertical chutes. The DMA-200 Series Drawer Magnet is ideal for protecting processing equipment such as milling, extruding and mixing machinery from ferrous contaminant, while at the same time improving and maintaining product quality standards.

**Operation:** Product flows through two rows of 1" diameter magnetic tubes, designed to create an extremely effective magnetic circuit. The rows of magnetic tubes are staggered to maximize magnetic filtration as product flows through the housing. Tramp metal contaminant move to the underside of the magnetic tubes—eliminating tramp metal “wash-off”. After terminating the product flow, the magnetic tubes are mechanically pulled through the non-metallic stripper assemblies, cleaning the magnetic tubes and depositing the metal contaminant outside the product stream into a collection tray.

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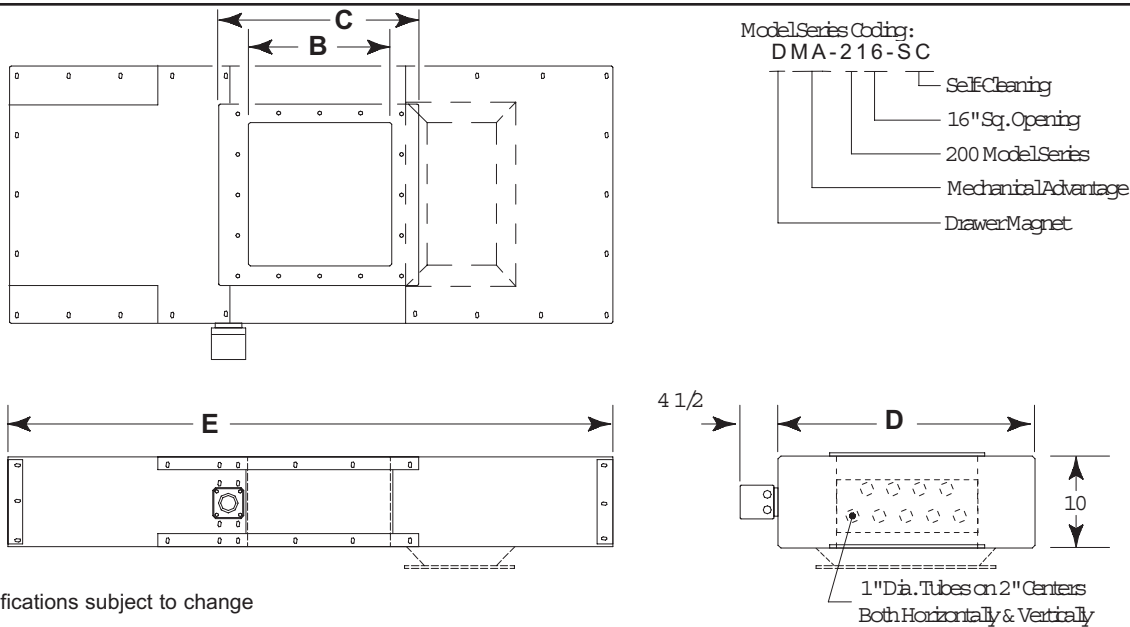
## Magnetic Products, Inc.

Providing Magnetic Solutions for the  
Material Handling Industry

800-544-5930



# Providing Magnetic Solutions For the Material Handling Industry



Note: Specifications subject to change

### DMA-200 SPECIFICATIONS

DMA MODELS (both quick-Clean & Self-Clean)	SPOUTING OPENING AREA		DMA'S OPENING AREA "B"		DMA'S FLANGE WIDTH "C"		DMA'S OVER-ALL WIDTH "D"		DMA'S OVER-ALL LENGTH "E"		NUMBER OF MAGNETIC TUBES 2- ROWS	APPROX. DMA'S WEIGHT	
	SQ. IN	SQ CM	SQ. IN	SQ CM	IN	CM	IN	CM	IN	CM		LBS	KG
DMA-208	16	103	64	20	12.25	31	21	53	44	112	7	206	94
DMA-210	36	232	100	25	14.25	36	23	58	50	127	9	231	105
DMA-212	64	413	144	30	16.25	41	25	63	56	142	11	249	113
DMA-214	81	523	196	35	18.25	46	27	68	62	157	13	273	124
DMA-216	100	645	256	40	20.25	51	29	74	68	173	15	299	136
DMA-218	144	929	324	45	22.25	56	31	79	74	188	17	315	143
DMA-220	169	1090	400	50	24.25	61	33	84	80	203	19	324	147

Specifications subject to change. Optional sizes available upon request.

#### Standard Features:

- Drawer tracking system reduces force required to move magnets through the strippers and eliminates jamming caused by mis-alignment
- Larger stripper surface "land" at point of contact on magnet tube, combined with larger stripper inside diameters provide longer stripper life
- Mechanical latch system ensures magnet's stripper plate is sealed during product flow
- Hassle free self cleaning model
- Powerful Rare Earth Neodymium-Iron-Boron permanent magnet material
- Operating temperatures up to 250° F

- 100% Stainless steel housing
- Two rows of 1" dia. magnetic tubes on 2" centers
- Pre-drilled matching companion flanges to simplify installation

#### Options:

- Ceramic 8 magnet material for less severe tramp iron applications
- Multi-tier configurations
- Non-standard alloy stainless steel construction
- Non-standard magnetic tube spacing
- Stainless steel track
- Rare Earth Samarium-Cobalt magnet material available for higher operating temperatures

## Magnetic Products Inc.

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