



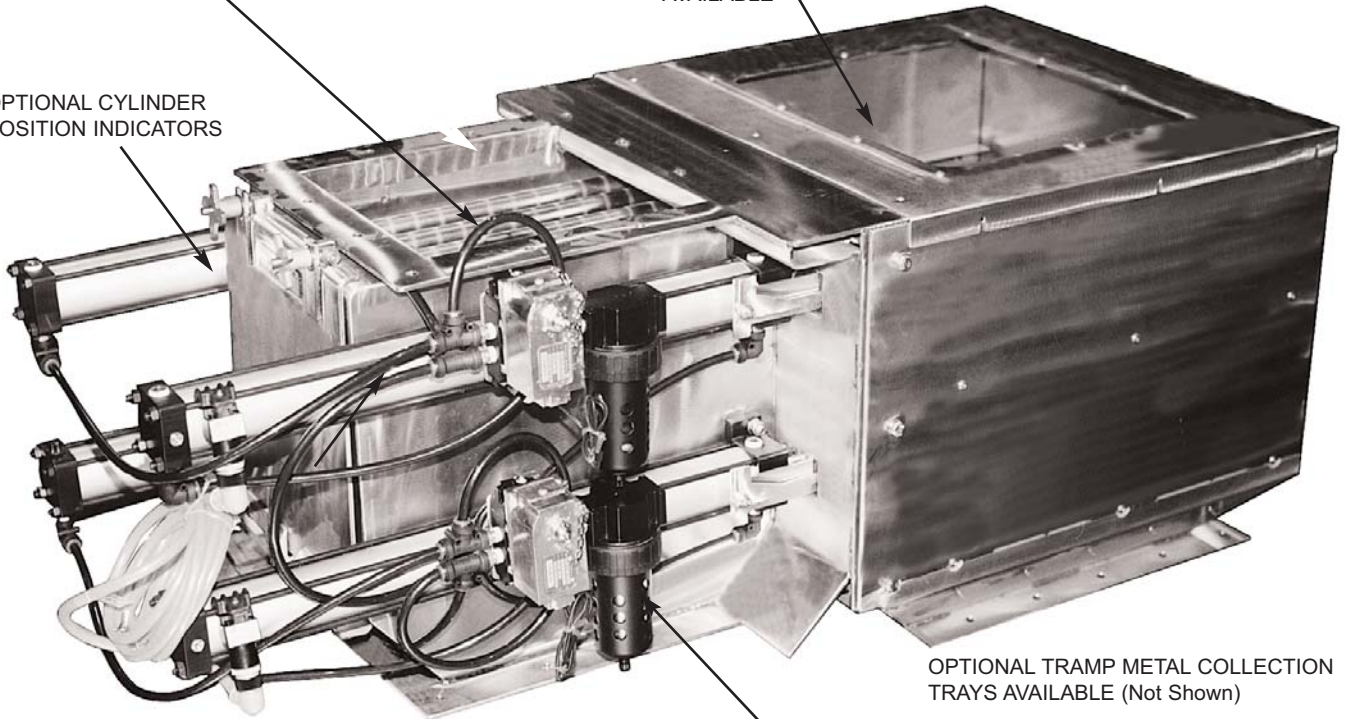
400-Series Drawer Magnet & Housing Continuous-Flow, Self-Cleaning Series: CF-DMU-400-SC

4-ROWS OF POWERFUL RARE EARTH MAGNETIC TUBES FOR MAXIMUM TRAMP METAL SEPARATION

OPTIONAL CYLINDER POSITION INDICATORS

OPTIONAL LEXAN INSPECTION WINDOWS AVAILABLE

Model Shown
CF-DMU-412-SC



DOUBLE DRAWER DESIGN ALLOWS FOR INDEPENDENT CLEANING OF EACH DOUBLE ROW OF MAGNETIC TUBES

OPTIONAL TRAMP METAL COLLECTION TRAYS AVAILABLE (Not Shown)

NEMA 9 VALVE PACKAGE STANDARD.
OPTIONAL NEMA 4 VALVE PACKAGE SHOWN
(CAN BE INSTALLED IN REMOTE LOCATIONS OR ON UNIT)

Application: MPI's CONTINUOUS FLOW SELF-CLEAN DRAWER MAGNET & HOUSING SEPARATORS (CF-DMU-400-SC Series) utilize a type "A" magnetic circuit to remove small to medium sized ferrous contaminant from dry powder or granular free-flowing product streams in gravity-fed vertical chutes.

These drawer magnets utilize 4 tiers of magnets in 2 doors, that allows for independent cleaning of each drawer without interrupting product flow. It protects equipment such as milling, extruding and mixing machinery but insures high product quality standards, 24 hours per day, seven days a week.

Operation: Product flows through a series of magnetic tubes designed to create an extremely effective magnetic circuit. Each row of magnetic tubes are staggered to prevent product bridging or choking and maximize magnetic filtration. As tramp metal contaminant attaches to the magnetic tubes the pneumatically controlled cylinders operate one double bank drawer of magnetic tubes at a time to safely remove the tramp metal from the product stream. As one drawer is the cleaning position the other is filtering the product stream thus allowing for the continuous flow of the product stream.

Got a question about Metal Control or Material Handling Products...

Ask the
Magnet Man



www.magnetmanusa.com

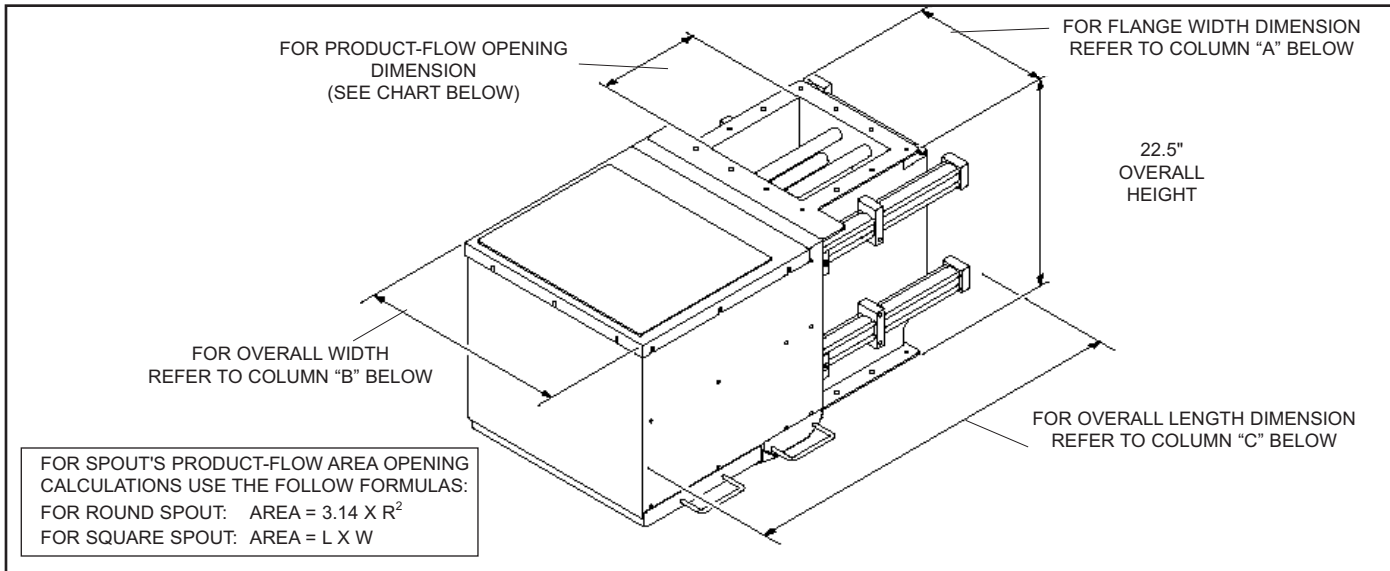
Magnetic Products, Inc.

Providing Magnetic Solutions for the
Material Handling Industry

800-544-5930



Providing Magnetic Solutions For the Material Handling Industry



SERIES CF-DMU400-SC SELECTION GUIDE

MODEL NUMBERS	SPOUT'S MAX. PRODUCT FLOW OPENING AREA		PRODUCT FLOW OPENING AREA		FLANGE WIDTH "A"		OVERALL WIDTH "B"		OVERALL LENGTH "C"		NUMBER OF MAGNETIC TUBES	APPROX. UNIT'S WEIGHT	
	SQ. IN.	SQ. CM	SQ. IN.	SQ. CM	IN.	CM	IN.	CM	IN.	CM		4-ROWS	LBS.
CF-DMU408-SC	16	103	64	20	17.270	43.86	19.790	50.26	44.125	112.07	14	346	157
CF-DMU410-SC	36	232	100	25	19.270	48.94	21.790	55.34	46.125	117.15	18	361	164
CF-DMU412-SC	64	413	144	30	21.270	54.02	23.790	60.42	48.125	122.23	22	376	171
CF-DMU414-SC	81	523	196	35	23.270	59.10	25.790	65.50	50.125	127.31	26	392	178
CF-DMU416-SC	100	645	256	40	25.270	64.18	27.790	70.58	52.125	132.39	30	407	185
CF-DMU418-SC	144	929	324	45	27.270	69.26	29.790	75.66	54.125	137.47	34	427	194
CF-DMU420-SC	169	1090	400	50	29.270	74.34	31.790	80.74	56.125	142.55	38	440	200

SPECIFICATIONS SUBJECT TO CHANGE. OPTIONAL SIZES AVAILABLE UPON REQUEST

Standard Features:

- 100% Stainless steel construction
- Rare Earth 35 MGO Neodymium-Iron-Boron magnet material
- UHMW stripper seals for increased magnetic strength
- Operating temperatures up to 250° F

Optional Features:

- Non-standard alloy stainless steel construction
- Tramp metal collection trays
- Rare Earth Samarium-Cobalt magnet material for higher operating temperatures
- Economical Ceramic 8 magnetic material for less severe tramp iron applications

- Non-standard electrical interface
- Non-standard inlet/outlet flange sizing
- Mechanical valve switch to eliminate electrical requirements
- Abrasive resistant and low friction material for magnetic tubes
- Non-standard material stripper seals for applications not suitable for UHMW
- Variable rows of magnetic tubes
- Inlet and Outlet transition adapters sized to customer specifications

Magnetic Products Inc.

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