

Magnetic Products, Inc.

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Magnetic Rotary Feeders

Application:

MPI's MAGNETIC ROTARY FEEDERS (MRF Series) protect and control feeding characteristics of free-flowing materials into processing equipment. MRF-series units provide a continuous uniform flow of product, increasing processing machinery productivity and extending consumable tooling life on equipment such as hammermill screens and hammers. The integral permanent plate magnet protects processing equipment from damage caused by ferrous tramp iron. Product feed rates can be regulated with a standard constant speed or an optional variable speed drive system.

Operation:

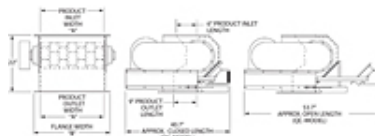
All MRF units are made from heavy duty, steel-plate welded construction. The feed inlet has a spring-loaded control gate which allows large metal objects to pass through the feeder without causing damage, where they are captured by the powerful 400 series strength, ceramic 8 permanent plate magnet. Because MPI's primary line of business is designing and manufacturing magnetic equipment, you are assured the best magnet available. MPI's exclusive magnet cleaning system is very simple to operate and requires no heavy lifting or handling during cleaning operation.

Standard Features:

- Powerful 400-Series Ceramic 8, permanent plate magnet
- Spring loaded control gate
- Rugged all-welded construction
- Roller guided cleaning system for effortless magnet cleaning
- Tramp metal collection trays

Optional Features:

- 500 Series strength, Ceramic 8, permanent plate magnet
- 50 MGO, Rare Earth, permanent plate magnet
- Explosion proof motor
- Self-cleaning magnet system
- Non-standard sizes
- 304 stainless steel construction
- Variable speed drive



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Item #	Type	Feeder Size	Inlet/Outlet Product Opening Width "A"	Flange Width "B"	Motor Power	List Price
MRF-103-QC	Manual Quick-Clean Model	3-Row	11.0 in 279.4 mm	15.5 in 393.7 mm	3/4 hp	QUOTE
MRF-103-SC	Automatic Self-Clean Model	3-Row	11.0 in 279.4 mm	15.5 in 393.7 mm	3/4 hp	QUOTE
MRF-104-QC	Manual Quick-Clean Model	4-Row	14.5 in 368.3 mm	19.0 in 482.6 mm	3/4 hp	QUOTE
MRF-104-SC	Automatic Self-Clean Model	4-Row	14.5 in 368.3 mm	19.0 in 482.6 mm	3/4 hp	QUOTE
MRF-105-QC	Manual Quick-Clean Model	5-Row	18.0 in 457.2 mm	22.5 in 571.2 mm	3/4 hp	QUOTE

MRF-105-SC	Automatic Self-Clean Model	5-Row	18.0 in 457.2 mm	22.5 in 571.2 mm	3/4 hp	QUOTE
MRF-106-QC	Manual Quick-Clean Model	6-Row	21.5 in 546.1 mm	26.0 in 660.4 mm	3/4 hp	QUOTE
MRF-106-SC	Automatic Self-Clean Model	6-Row	21.5 in 546.1 mm	26.0 in 660.4 mm	3/4 hp	QUOTE
MRF-107-QC	Manual Quick-Clean Model	7-Row	25.0 in 635.0 mm	29.5 in 749.3 mm	1 hp	QUOTE
MRF-107-SC	Automatic Self-Clean Model	7-Row	25.0 in 635.0 mm	29.5 in 749.3 mm	1 hp	QUOTE
MRF-108-QC	Manual Quick-Clean Model	8-Row	28.5 in 723.9 mm	33.0 in 838.2 mm	1 hp	QUOTE
MRF-108-SC	Automatic Self-Clean Model	8-Row	28.5 in 723.9 mm	33.0 in 838.2 mm	1 hp	QUOTE
MRF-109-QC	Manual Quick-Clean Model	9-Row	32.0 in 812.8 mm	36.5 in 927.1 mm	1 hp	QUOTE
MRF-109-SC	Automatic Self-Clean Model	9-Row	32.0 in 812.8 mm	36.5 in 927.1 mm	1 hp	QUOTE
MRF-110-QC	Manual Quick-Clean Model	10-Row	35.5 in 901.7 mm	40.0 in 1016.0 mm	1 hp	QUOTE
MRF-110-SC	Automatic Self-Clean Model	10-Row	35.5 in 901.7 mm	40.0 in 1016.0 mm	1 hp	QUOTE
MRF-111-QC	Manual Quick-Clean Model	11-Row	39.0 in 990.6 mm	43.5 in 1104.9 mm	2 hp	QUOTE
MRF-111-SC	Automatic Self-Clean Model	11-Row	39.0 in 990.6 mm	43.5 in 1104.9 mm	2 hp	QUOTE
MRF-112-QC	Manual Quick-Clean Model	12-Row	42.5 in 1079.5 mm	47.0 in 1193.8 mm	2 hp	QUOTE
MRF-112-SC	Automatic Self-Clean Model	12-Row	42.5 in 1079.5 mm	47.0 in 1193.8 mm	2 hp	QUOTE
MRF-114-QC	Manual Quick-Clean Model	14-Row	49.5 in 1257.3 mm	54.5 in 1371.6 mm	2 hp	QUOTE
MRF-114-SC	Automatic Self-Clean Model	14-Row	49.5 in 1257.3 mm	54.5 in 1371.6 mm	2 hp	QUOTE

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