

Magnetic Products, Inc.

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Square All Magnetic Grates (AMG Series)

Application:

MPI All Magnetic Grate (AMG series) magnets provide tramp metal protection in a wide variety of free-flowing product streams. They are ideal for use in gravity-fed vertical chutes, hoppers, receiving areas and catch bins. AMG Grate Magnets are easy to install, and offer efficient, economical magnetic protection of equipment used for grain milling, plastics molding, extruding or other processes. Additionally, they prevent damage caused by tramp metal and improve or maintain product quality standards. Quick-Cleaning models feature removable magnetic elements, which act as a magnetizer for the grate.

Need a different size? Contact us to Request Information.

Operation:

The product stream flows through two rows of magnetized 400 series stainless steel magnetic diverters. The diverters are seam welded to the nonmagnetic stainless steel magnetic element housing. Tramp metal contaminants are captured and retained over the entire grate surface, providing 100% contact with the magnetic area.

Quick-Cleaning All Magnetic Grates (AMG-QC Series) are cleaned by simply removing the magnetic elements from the element housing, demagnetizing the entire frame and allowing the tramp metal to fall off the diverters. Standard All Magnetic Grates (AMG Series) are lower in cost, but require more time-consuming manual cleaning.

Standard Features:

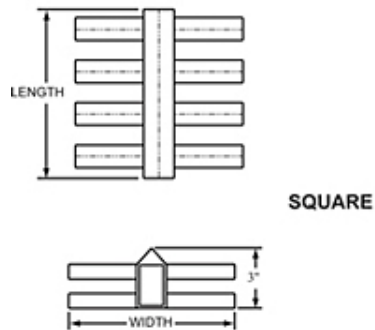
- Powerful Ceramic permanent magnet
- 100% stainless steel enclosed design
- Two rows of diverters on 2" centers
- Rugged all-welded construction

Optional Features:

- High-energy Rare Earth magnet material
- Non-standard diverter spacing
- Non-standard alloy stainless steel enclosures
- Special sizes and mounting available

Selection:

MPI's All-Magnetic Grates are available in either Standard or Quick-Clean models. Quick-Cleaning models feature removable magnetic elements, which act as a magnetizer for the grate. Grates from 4" through 8" (square or round) have one magnetic element; grates from 10" through 14" have two elements; grates from 16" and above have three magnetic elements. Use the selection guide below to order the model that best fits your application. When ordering, be sure to specify width, length, or diameter, and whether you require a standard or quick-clean design.



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Item #	Type	Length	Width	Number of Magnetic Elements	Material	Weight	List Price
AMG-44	Standard	4 in	4 in	1	Ceramic	N/A	QUOTE
AMG-44-QC	Quick Clean	4 in	4 in	1	Ceramic	N/A	QUOTE
AMG-66	Standard	6 in	6 in	1	Ceramic	5 lb	\$247.00

AMG-66-QC	Quick Clean	6 in	6 in	1	Ceramic	5 lb	\$521.00
AMG-88	Standard	8 in	8 in	1	Ceramic	8 lb	\$399.00
AMG-88-QC	Quick Clean	8 in	8 in	1	Ceramic	8 lb	\$576.00
AMG-1010	Standard	10 in	10 in	2	Ceramic	12 lb	\$519.00
AMG-1010-QC	Quick Clean	10 in	10 in	2	Ceramic	12 lb	\$649.00
AMG-1212	Standard	12 in	12 in	2	Ceramic	14 lb	\$779.00
AMG-1212-QC	Quick Clean	12 in	12 in	2	Ceramic	14 lb	\$882.00
AMG-1414	Standard	14 in	14 in	2	Ceramic	N/A	QUOTE
AMG-1414-QC	Quick Clean	14 in	14 in	2	Ceramic	N/A	QUOTE
AMG-1616	Standard	16 in	16 in	3	Ceramic	N/A	QUOTE
AMG-1616-QC	Quick Clean	16 in	16 in	3	Ceramic	N/A	QUOTE
AMG-1818	Standard	18 in	18 in	3	Ceramic	N/A	QUOTE
AMG-1818-QC	Quick Clean	18 in	18 in	3	Ceramic	N/A	QUOTE
AMG-2020	Standard	20 in	20 in	3	Ceramic	N/A	QUOTE
AMG-2020-QC	Quick Clean	20 in	20 in	3	Ceramic	N/A	QUOTE

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