

POWERFUL MAGNETIC SEPARATORS

Model PCMG POWERFUL RECTANGULAR GRID TYPE MAGNETIC BAR UNIT



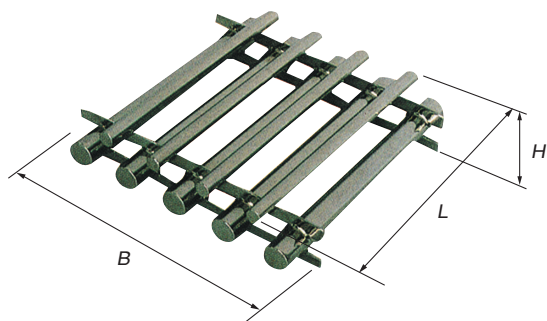
PCMG-2530

[Application]

A unit consisting of powerful magnetic bars arranged in a grid. It is used to remove iron from various granular materials when they fall in rectangular ducts. It can also be placed or suspended in a liquid tank to remove iron.

[Features]

- High grade finish of sanitary specification.
- Various sizes are available to meet various duct sizes.
- High power magnetic bars: a powerful rare earth magnet having a property value of 1.2 T (12,000 G) or 1.35 T (13,500 G) or over is incorporated and the surface maximum magnetic flux density is 0.8 T (8,000 G) or 1 T (10,000 G) or over.
- Since permanent magnets that maintain a strong magnetic force almost perpetually are used, the running cost can be reduced significantly.
- These are of waterproof construction to allow installation in liquid.



Magnets in action behind delicious bread and sense of security.

Powerful rectangular grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		B	L	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-2020	6m ³ /h	194 (7.63)	194 (7.63)	65 (2.55)	φ25 (0.98)	Nd rare earth type Property value 1.2 T (12,000 G)	4	SUS304	#400 buffed	0.8T (8000G)	80°C (176° F)	3 kg/ 6.6 lb	SUS316 version also available.
PCMG-2025	8m ³ /h		244 (9.60)									3.6kg/ 7.9 lb	
PCMG-2525	10m ³ /h	244 (9.60)	4.5kg/ 9.9 lb										
PCMG-2530	12m ³ /h		5.4kg/11.9 lb										
PCMG-3030	14m ³ /h	295 (11.6)	6.5kg/14.3 lb										
PCMG-3040	18m ³ /h		8.2kg/18.1 lb										
PCMG-4040	24m ³ /h	393 (15.4)	12 kg/26.4 lb										

※A 2-stage type or a type with frame is also available upon request.

Heat-resistant powerful rectangular grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		B	L	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-T2020	6m ³ /h	194 (7.63)	194 (7.63)	65 (2.55)	φ25 (0.98)	Sm rare earth type Property value 1.1 T (11,000 G)	4	SUS304	#400 buffed	0.8T (8000G)	240°C (464° F)	3 kg/ 6.6 lb	SUS316 version also available.
PCMG-T2025	8m ³ /h		244 (9.60)									3.6kg/ 7.9 lb	
PCMG-T2525	10m ³ /h	244 (9.60)	4.5kg/ 9.9 lb										
PCMG-T2530	12m ³ /h		5.4kg/11.9 lb										
PCMG-T3030	14m ³ /h	295 (11.6)	6.5kg/14.3 lb										
PCMG-T3040	18m ³ /h		8.2kg/18.1 lb										
PCMG-T4040	24m ³ /h	393 (15.4)	12 kg/26.4 lb										

※A 2-stage type or a type with frame is also available upon request.

Super powerful rectangular grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		B	L	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-A2020	6m ³ /h	194 (7.63)	194 (7.63)	65 (2.55)	φ25 (0.98)	Nd rare earth type Property value 1.35 T (13,500 G)	4	SUS304	#400 buffed	1T (10000G)	80°C (176° F)	3 kg/ 6.6 lb	SUS316 version also available.
PCMG-A2025	8m ³ /h		244 (9.60)									3.6kg/ 7.9 lb	
PCMG-A2525	10m ³ /h	244 (9.60)	4.5kg/ 9.9 lb										
PCMG-A2530	12m ³ /h		5.4kg/11.9 lb										
PCMG-A3030	14m ³ /h	295 (11.6)	6.5kg/14.3 lb										
PCMG-A3040	18m ³ /h		8.2kg/18.1 lb										
PCMG-A4040	24m ³ /h	393 (15.4)	12 kg/26.4 lb										

※A 2-stage type or a type with frame is also available upon request.

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