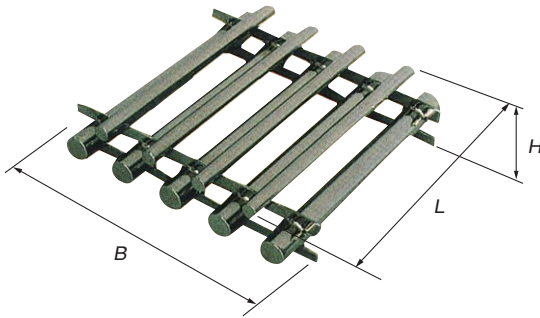


Model PCMG POWERFUL RECTANGULAR GRID TYPE MAGNETIC BAR UNIT

MAGNETIC TOOLS FOR WELDING OPERATION
LIFTING MAGNET
MAGBORG
CHIP & SLUDGE TRANSPORTERS
ENVIRONMENTAL EQUIPMENT
MAGNETIZERS AND DEMAGNETIZERS
MAGNETIC EQUIPMENT FOR TRANSPORTATION
SEPARATORS
HIGH GRADE MAGNETIC MEASURING TOOLS
MEASURING INSTRUMENTS
MAGNETIC MATERIALS



PCMG-2530



[Application]

A unit consisting of powerful magnetic bars arranged in a grid. It is used to remove iron from various bulk materials during their 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.
- Models of various sizes available according to sizes of ducts.
- These units employ powerful rare earth magnets having a property value of 1.2 T (12,000 G) or 1.35 T (13,500 G) or over and the surface maximum magnetic flux density is 0.8 T (8,000 G) or 1 T (10,000 G).
- Since permanent magnets of which the strong magnetic force is maintained for almost perpetually are used, the running cost can be reduced significantly.
- These units are water-tight and thus can be installed in fluid.



Magnets in action behind delicious bread and sense of security.

Powerful rectangular grid type magnetic bar unit

[mm (in)]

Model	Treating Amount	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass	Remarks
		B	L	H	Dia	Magnet used	Number	Material	Finish				
PCMG-2020	6m³/h	194 (7.63)	194 (7.63)	65	φ25 (0.98)	Nd rare earth type Property value 1.2T (12,000G)	4	SUS304	# 400 buffed	0.8T (8000G)	80°C (176° F)	3 kg/ 6.6 lb 3.6kg/ 7.9 lb 4.5kg/ 9.9 lb 5.4kg/11.9 lb 6.5kg/14.3 lb 8.2kg/18.1 lb 12 kg/26.4 lb	SUS316 version also available.
PCMG-2025	8m³/h		244 (9.60)										
PCMG-2525	10m³/h	244 (9.60)	295 (11.6)										
PCMG-2530	12m³/h												
PCMG-3030	14m³/h	295 (11.6)	393 (15.4)										
PCMG-3040	18m³/h												
PCMG-4040	24m³/h	393 (15.4)											

*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	Treating Amount	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass	Remarks
		B	L	H	Dia	Magnet used	Number	Material	Finish				
PCMG-T2020	6m³/h	194 (7.63)	194 (7.63)	65	φ25 (0.98)	Sm rare earth type Property value 1.1T (11,000G)	4	SUS304	# 400 buffed	0.8T (8000G)	240°C (464° F)	3 kg/ 6.6 lb 3.6kg/ 7.9 lb 4.5kg/ 9.9 lb 5.4kg/11.9 lb 6.5kg/14.3 lb 8.2kg/18.1 lb 12 kg/26.4 lb	SUS316 version also available.
PCMG-T2025	8m³/h		244 (9.60)										
PCMG-T2525	10m³/h	244 (9.60)	295 (11.6)										
PCMG-T2530	12m³/h												
PCMG-T3030	14m³/h	295 (11.6)	393 (15.4)										
PCMG-T3040	18m³/h												
PCMG-T4040	24m³/h	393 (15.4)											

*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	Treating Amount	Dimensions			Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass	Remarks
		B	L	H	Dia	Magnet used	Number	Material	Finish				
PCMG-A2020	6m³/h	194 (7.63)	194 (7.63)	65	φ25 (0.98)	Nd rare earth type Property value 1.35T (13,500G)	4	SUS304	# 400 buffed	1T (10000G)	80°C (176° F)	3 kg/ 6.6 lb 3.6kg/ 7.9 lb 4.5kg/ 9.9 lb 5.4kg/11.9 lb 6.5kg/14.3 lb 8.2kg/18.1 lb 12 kg/26.4 lb	SUS316 version also available.
PCMG-A2025	8m³/h		244 (9.60)										
PCMG-A2525	10m³/h	244 (9.60)	295 (11.6)										
PCMG-A2530	12m³/h												
PCMG-A3030	14m³/h	295 (11.6)	393 (15.4)										
PCMG-A3040	18m³/h												
PCMG-A4040	24m³/h	393 (15.4)											

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