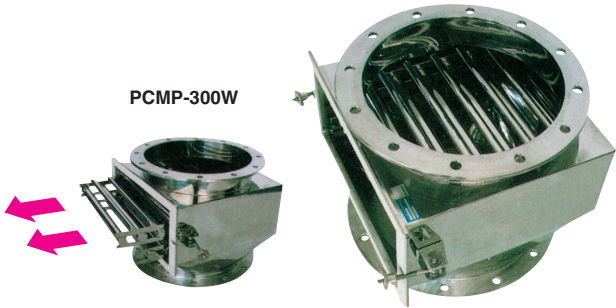
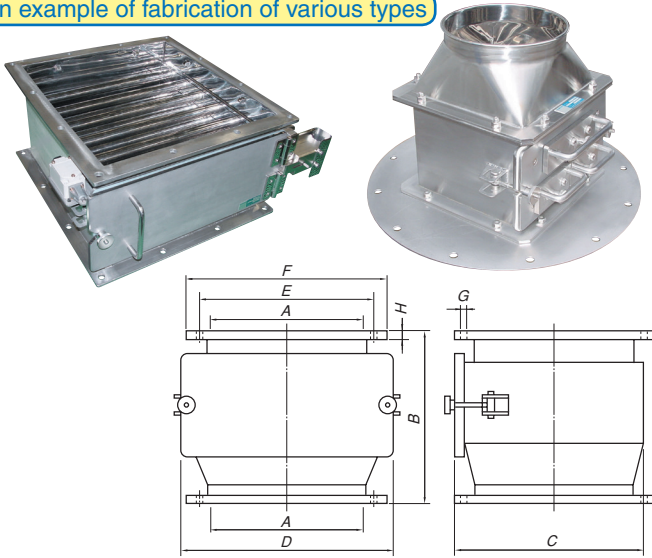


POWERFUL MAGNETIC SEPARATORS

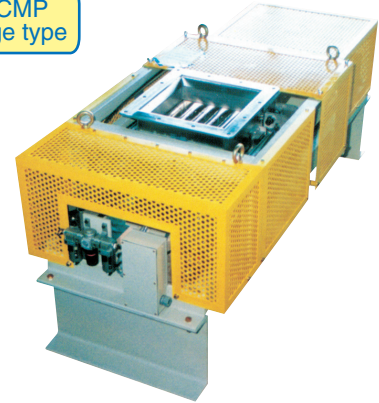
Model PCMP POWERFUL MAGNETIC PIPE



An example of fabrication of various types



An example of PCMP automatic discharge type



[Application]

These pipes are installed on the falling side of pneumatic feed lines and pipe passages having a relatively large diameter to remove iron from flowing powder and granular materials of food raw materials and chemical powder.

[Features]

- Models of various sizes are available to meet various diameters of pipes on which they are installed and required processing capacity.
- Powerful magnetic bars having a surface magnetic flux density of 0.8 T (8,000 G) or 1 T (10,000 G) or over are built in, that enables efficient collection of iron from flowing granular materials.
- A heat-resistant powerful version that can maintain its strong magnetic force without significant deterioration when used continuously in fluid up to 240°C is also available.
- Since permanent magnets that maintain a strong magnetic force almost perpetually are used, the running cost can be reduced significantly.
- An example of usage : Spice raw materials, gunpowder, chemicals

Gentle removal of iron from powder, fine and coarse particles without damaging or denaturing them.



Powerful type

Model	Material	Magnetic Bar		Processing Capacity	Dimensions								Working Temperature	Mass	
		Stage	Qty		A	B	C	D	E	F	G	H			
PCMP-200W	SUS 304	2	9	0.8T (8000G)	6m³/h	φ 220 (8.66)	360 (14.1)	269 (10.5)	296 (11.6)	280 (11.0)	320 (12.6)	φ 18 (0.70) × 8 (0.31)	8 (0.31)	Upper limit 80°C (176°F)	24kg/ 52 lb
PCMP-250W			10m³/h		φ 270 (10.6)	380 (14.9)	319 (12.5)	346 (13.6)	345 (13.5)	385 (15.2)	φ 18 (0.70) × 12 (0.47)				30kg/ 66 lb
PCMP-300W			14m³/h		φ 320 (12.6)	410 (16.1)	369 (14.5)	396 (15.5)	390 (15.3)	430 (16.9)		φ 18 (0.70) × 16 (0.62)			35kg/ 77 lb
PCMP-350W			18m³/h		φ 370 (14.5)	450 (17.7)	419 (16.5)	446 (17.5)	435 (17.1)	480 (18.9)					φ 18 (0.70) × 16 (0.62)
PCMP-400W			24m³/h		φ 420 (16.5)	470 (18.5)	469 (18.4)	496 (19.5)	495 (19.4)	540 (21.2)	47kg/ 103 lb				

*Flanges of special dimensions are also available according to the specifications of connection. **A type having the magnet part made of SUS316 and a type having one-stage magnet rack are also available.

Heat-resistant powerful type

Model	Material	Magnetic Bar		Processing Capacity	Dimensions								Working Temperature	Mass	
		Stage	Qty		A	B	C	D	E	F	G	H			
PCMP-T200W	SUS 304	2	9	0.8T (8000G)	6m³/h	φ 220 (8.66)	360 (14.1)	269 (10.5)	296 (11.6)	280 (11.0)	320 (12.6)	φ 18 (0.70) × 8 (0.31)	8 (0.31)	Upper limit 240°C (464°F)	24kg/ 52 lb
PCMP-T250W			10m³/h		φ 270 (10.6)	380 (14.9)	319 (12.5)	346 (13.6)	345 (13.5)	385 (15.2)	φ 18 (0.70) × 12 (0.47)				30kg/ 66 lb
PCMP-T300W			14m³/h		φ 320 (12.6)	410 (16.1)	369 (14.5)	396 (15.5)	390 (15.3)	430 (16.9)		φ 18 (0.70) × 16 (0.62)			35kg/ 77 lb
PCMP-T350W			18m³/h		φ 370 (14.5)	450 (17.7)	419 (16.5)	446 (17.5)	435 (17.1)	480 (18.9)					φ 18 (0.70) × 16 (0.62)
PCMP-T400W			24m³/h		φ 420 (16.5)	470 (18.5)	469 (18.4)	496 (19.5)	495 (19.4)	540 (21.2)	47kg/ 103 lb				

*Flanges of special dimensions are also available according to the specifications of connection. **A type having the magnet part made of SUS316 and a type having one-stage magnet rack are also available.

Super powerful type

Model	Material	Magnetic Bar		Processing Capacity	Dimensions								Working Temperature	Mass	
		Stage	Qty		A	B	C	D	E	F	G	H			
PCMP-A200W	SUS 304	2	9	1T (10000G)	6m³/h	φ 220 (8.66)	360 (14.1)	269 (10.5)	296 (11.6)	280 (11.0)	320 (12.6)	φ 18 (0.70) × 8 (0.31)	8 (0.31)	Upper limit 80°C (176°F)	24kg/ 52 lb
PCMP-A250W			10m³/h		φ 270 (10.6)	380 (14.9)	319 (12.5)	346 (13.6)	345 (13.5)	385 (15.2)	φ 18 (0.70) × 12 (0.47)				30kg/ 66 lb
PCMP-A300W			14m³/h		φ 320 (12.6)	410 (16.1)	369 (14.5)	396 (15.5)	390 (15.3)	430 (16.9)		φ 18 (0.70) × 16 (0.62)			35kg/ 77 lb
PCMP-A350W			18m³/h		φ 370 (14.5)	450 (17.7)	419 (16.5)	446 (17.5)	435 (17.1)	480 (18.9)					φ 18 (0.70) × 16 (0.62)
PCMP-A400W			24m³/h		φ 420 (16.5)	470 (18.5)	469 (18.4)	496 (19.5)	495 (19.4)	540 (21.2)	47kg/ 103 lb				

*Flanges of special dimensions are also available according to the specifications of connection. **A type having the magnet part made of SUS316 and a type having one-stage magnet rack are also available.

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