

General Description



SWMAG Plate magnets are widely used for removing Tramp Iron such as Bolts, Nuts, Bits of Wire, Nail and other casual contamination from free flowing materials, like corn, sugar, flour, gravel, plastic and other granular materials. As the material pass over or under the magnet plate, tramp metal is pulled to the magnet's working surface and held in place until removed.

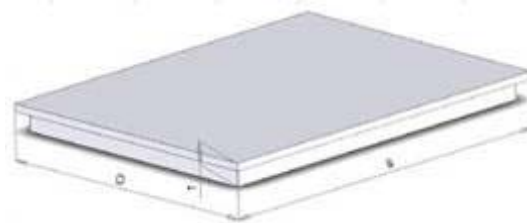
Plate magnet can be designed in a wide of models, configurations and sizes to meet with specific operations and plant conditions. They are usually carried in angled chutes, ducts, spouts or suspended above conveyors, screens and feed trays to protect against occasional damage to the plant caused by bits.

1. Flush Face (FF)

Flush Face Plate Magnets deliver optimum tramp metal separation performance when used in above-the-flow chute or belt applications. When installed over the material flow, the powered Flush Face plate magnets deliver continuous magnetic protection for down atream processing equipment by lifting ferrous tramp out of the product flow stream.

Speci fi cation:

Part No	B	T	D	Suspension Distance
SWFMP-FF60	250	51	175	60
SWFMP-FF120	300	76	225	120
SWFMP-FF150	450	111	360	150
SWFMP-FF160	190	36	125	60
SWFMP-FF120	250	46	175	120
SWFMP-FF150	330	56	240	150



2. Exposed Pole (EP)

Exposed Pole (EP) Plate Magnets are engineered to deliver high performance tramp metal separation in low volume applications. These applications are for below-the-flow installations where the product flows over the magnet face.

Specification:

Part No	B	T	D	Suspension Distance
SWFMP-FF60	250	51	175	60
SWFMP-FF120	300	76	225	120
SWFMP-FF150	450	111	360	150
SWFMP-FF160	190	36	125	60
SWFMP-FF120	250	46	175	120
SWFMP-FF150	330	56	240	150



3. Spout Magnet (SM)

Diverter Spouts provide maximum ferrous tramp metal separation in high volume chute applications where wash-off can be a problem.

Specification:

Part No	B	T	D	Suspension Distance
SWFMP-FF60	250	51	175	60
SWFMP-FF120	300	76	225	120
SWFMP-FF150	450	111	360	150
SWFMP-FF160	190	36	125	60
SWFMP-FF120	250	46	175	120
SWFMP-FF150	330	56	240	150



4. Suspended Plate Magnet

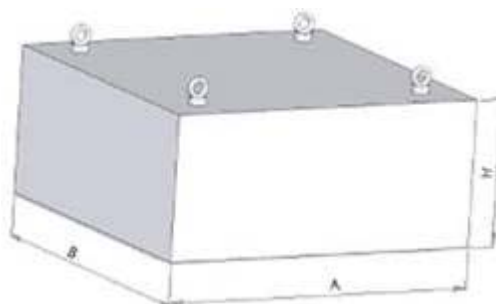
Suspended Magnets are designed for high separation performance in over-the-belt conveyor applications. These heavy duty permanent magnets incorporating

all welded construction are particularly effective in removing tramp metal in high volume applications.

Supplied with tapped mounting holes in the backing plate and four eye bolts, these suspended magnets can be rigidly mounted with threaded bolts or hung by eye bolts using cable or chain systems.

Specification:

Part No	H	A	B	Suspension Distance
SWMP-SPM18	180	400	400	120
		500	500	
SWMP-SPM25	250	600	600	120
		700	700	
SWMP-SPM35	350	800	800	150
		900	900	
SWMP-SPM40	400	1000	1000	160
		1100	1100	
		1200	1200	



Note:

"B"= Overall Length, "D"= Overall Width, "T" and "H"= Overall Thickness Suspension distance measurements are the maximum recommended. All dimensions approximate.



[Plate Magnets-01](#)

[Magnetic Separator](#), [Magnetic drum separators](#), [Overband magnetic separators](#), [Used magnetic separators](#), [Eriez magnetic separator](#), [Bullet Magnet](#), [Magnetic bullet](#), [Magnetic bullet holes](#), [Magnetic bullet trains](#), [Are bullets magnetic](#), [Permanent Magnetic Separator](#), [Cross-belt Permanent Magnetic Separator](#), [Permanent magnetic motor](#), [Permanent magnetic field](#), [Permanent magnetic generator](#), [Make permanent magnets](#), [Permanent magnetic chuck](#), [Permanent magnetic lifter](#), [Hump Magnets](#), [Magnets Hump](#), [Magnetic Bar](#), [Bar magnets](#), [magnetic stir bar](#), [magnetic field bar](#), [magnetic knife bar](#), [magnetic towel bar](#), [magnetic stirring bar](#), [two bar magnets](#), [alnico bar magnets](#), [Magnetic Drawer](#), [Magnetic draw](#), [Magnetic drawer locks](#), [Mount magnetic drawer](#), [Magnetic Grate](#), [Grate magnets](#), [Magnetic grates](#), [Magnetic Liquid Traps](#), [Liquid Line Magnetic Traps](#), [Plate Magnets](#), [Magnetic plate](#), [Magnetic I plates](#), [Magnetic plates](#), [Magnetic sine plate](#), [Magnetic kick plate](#), [Magnetic Material](#), [Magnets Material](#), [Magnetic Materials](#), [Alnico Magnets](#), [Powerfull Alnico magnets](#), [Alnico Magnet Information](#), [Ceramic Magnets](#), [Iron Boron Ceramic Magnet](#), [Ceramic ring magnets](#), [Ceramic disc magnets](#), [Ceramic block magnets](#), [Flexible Magnets](#), [Flexible magnetic sheet](#), [Flexible magnetic tape](#), [Flexible magnetic](#), [Flexible magnetic sheets](#), [Rare Earth Magnet](#), [Neodymium rare earth magnets](#), [Buy rare earth magnets](#), [large rare earth magnets](#), [Smco Magnets](#), [Samarium Cobalt magnet](#), [Magnetic Assemblies](#), [Magnetic self assembly](#), [Magnets assembly](#), [Assembly now it's magnetic](#), [Lifting Magnets](#), [Lift magnets](#), [Lifting electromagnet](#), [Electromagnet lift](#), [Plate lifting magnets](#), [Magnetic Tools](#), [Magnetic lasso tool](#), [Magnetic tool holder](#), [Non magnetic tools](#), [Magnetic tool bar](#), [Magnetic tool tray](#), [Magnetic tool rack](#), [Alnico Pot Magnet](#), [Sintered AlNiCo magnets](#), [Ferrite Pot Magnet](#), [Pot magnet ferrite](#), [Rare Earth Pot Magnet](#), [Smco Pot magnets](#), [NdFeB Pot Magnets](#), [Channel Magnets](#), [Discovery channel magnetic](#), [Magnetic Products](#), [Magnetic therapy products](#), [Magnet therapy products](#), [Magnetic health products](#), [Cow Magnet](#), [Magnetic cow](#), [Magnets in cows](#), [Cow stomach Magnets](#), [Cows magnets](#), [Cow fridge magnets](#), [Magnets for cows](#), [Magnetic Name Badge](#), [Magnetic name badge holders](#), [Name badge magnets](#), [Custom magnetic name badges](#), [Magnets for name badges](#), [Magnetic Memo Holder](#), [Magnetic memo holders](#), [Magnetic memo holders](#),

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