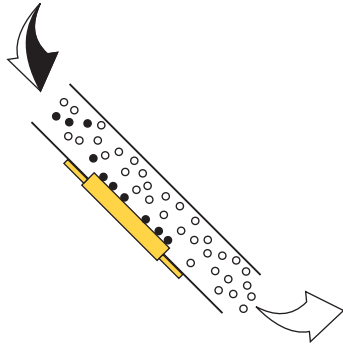


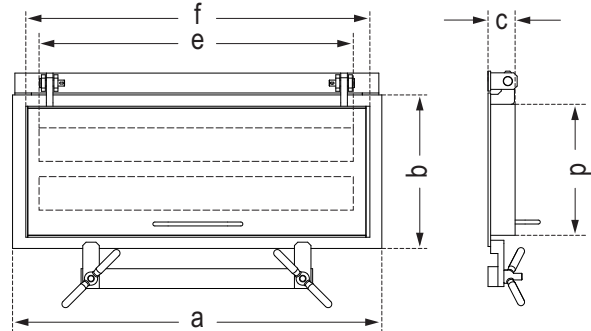
# Plate Magnet Separator PMS



PMS plate magnetic separators are widely utilized for removing tramp iron contamination from non-magnetic materials. They protect valuable equipment in production and processing lines from damage and wear caused by iron parts, and they enhance the quality of the output material. The magnetic plate can be installed above the flow chute (belt) or positioned below the chute for improved separation performance, allowing the product to flow directly over the magnet face. In high-volume chute applications, the plate can be equipped with specific pole shoes to increase the magnet's holding force and prevent captured metal from being washed off. To achieve optimal performance, plate magnets should be installed at locations where the material flow has the lowest burden depth and velocity. PMS magnetic plates are designed in bipolar and tripolar configurations and can be supplied with either ceramic or neodymium (rare earth) elements. For applications involving fine particles and weakly magnetic iron contamination, Rare Earth magnetic plates are recommended. PMS magnetic plates are commonly used in industries such as gypsum, lime, brick, tile, glass, food, wood, paper, and minerals.

## Key Advantages of PMS Plate Magnets

- Industrial hinge facilitates easy installation and cleaning
- Stable magnetic intensity
- Powerful magnet options, available with highly powerful NdFeB (neodymium) magnets
- Stainless steel covering for durability
- Pole shoes enhance the holding force of the magnet
- Versatile Installation, can be mounted on the chute wall or above the material transfer conveyor
- Flange for duct sealing, Includes a flange for easy integration with ductwork
- Effective for various materials, highly effective at capturing ferrite parts and particles in dry materials or slurries
- Self-cleaning options
- Increase product purity
- Prevent equipment damage
- Reduced tramp metal hazards



Model	Depth of Field	Chute Width	Dimensions						Weight Approx
			a	b	c	d	e	f	
	mm	mm	mm	mm	mm	mm	mm	mm	kg
PMS 50/20	50	200	255	210	40	170	175	215	13
PMS 50/25		250	305				225	265	16
PMS 50/30		300	355				275	315	18
PMS 50/35		350	410				330	370	21
PMS 50/40		400	460				380	420	23
PMS 50/45		450	510				430	470	26
PMS 50/50		500	560				480	520	28
PMS 50/55		550	610				530	570	30
PMS 50/60		600	660				580	620	33
PMS 70/20		70	200				255	240	40
PMS 70/25	250		305	225	265	18			
PMS 70/30	300		355	275	315	21			
PMS 70/35	350		410	330	370	24			
PMS 70/40	400		460	380	420	27			
PMS 70/45	450		510	430	470	30			
PMS 70/50	500		560	480	520	33			
PMS 70/55	550		610	530	570	36			
PMS 70/60	600		660	580	620	38			
PMS 100/25	100		250	305	300	70	260		
PMS 100/30		300	355	275				315	44
PMS 100/35		350	410	330				370	50
PMS 100/40		400	460	380				420	57

Model	Depth of Field	Chute Width	Dimensions						Weight Approx
			a	b	c	d	e	f	
	mm	mm	mm	mm	mm	mm	mm	mm	kg
PMS 100/45	100	450	510	300	70	260	430	470	62
PMS 100/50		500	560				480	520	69
PMS 100/55		550	610				530	570	75
PMS 100/60		600	660				580	620	81
PMS 130/20		130	200				255	370	130
PMS 130/25	250		305	225	265	75			
PMS 130/30	300		355	275	315	87			
PMS 130/35	350		410	330	370	101			
PMS 130/40	400		460	380	420	113			
PMS 130/45	450		510	430	470	126			
PMS 130/50	500		560	480	520	139			
PMS 130/55	550		610	530	570	151			
PMS 130/60	600		660	580	620	164			
PMS 160/20	160		200	255	470	160	430		
PMS 160/25		250	305	225				265	112
PMS 160/30		300	355	275				315	131
PMS 160/35		350	410	330				370	151
PMS 160/40		400	460	380				420	170
PMS 160/45		450	510	430				470	190
PMS 160/50		500	560	480				520	209
PMS 160/55		550	610	530				570	228
PMS 160/60		600	660	580				620	247



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