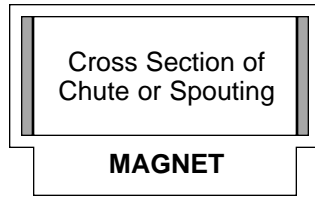




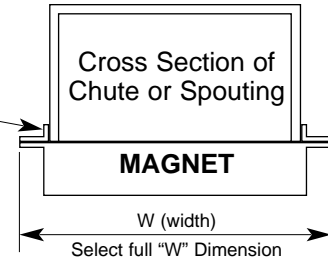
PLATE MAGNETS

TRAMP MTL 1A (11/99)

OPTIMUM CHUTE INSTALLATION



Customer installed angle on chute to match magnet flanges



=Unprotected area due to flange space for gasketing.

Capacities: Cubic Feet Per Hour (CU/H) and Cubic Meters Per Hour (CM/H)

Magnet Width	M/M Width	50 Series		100 Series		200 Series		300 Series		500 Series		800 Series	
		CF/H	CM/H	CF/H	CM/H	CF/H	CM/H	CF/H	CM/H	CF/H	CM/H	CF/H	CM/H
4"	102	333	9	667	19	1000	28	1667	47	2000	57	2333	66
6"	152	500	14	1000	28	1500	42	2500	71	3000	85	3500	99
8"	203	667	19	1333	38	2000	57	3333	94	4000	113	4666	132
10"	254	833	24	1667	47	2500	71	4167	118	5000	142	5833	165
12"	305	1000	28	2000	57	3000	85	5000	142	6000	170	7000	198
14"	356	1167	33	2333	66	3500	99	5833	165	7000	198	8167	231
16"	406	1333	38	2667	76	4000	113	6667	189	8000	227	9333	264
18"	457	1500	42	3000	85	4500	127	7500	212	9000	255	10500	297
20"	508	1667	47	3333	94	5000	142	8333	236	10000	283	11667	330
22"	559	1833	52	3667	104	5500	156	9167	260	11000	312	12833	363
24"	610	2000	57	4000	113	6000	170	10000	283	12000	340	14000	396
30"	762	2500	71	5000	142	7500	212	12500	354	15000	425	17500	496
36"	914	3000	85	6000	170	9000	255	15000	425	18000	510	21000	595
42"	1067	3500	99	7000	198	10500	297	17500	496	21000	595	24500	694
48"	1219	4000	113	8000	227	12000	340	20000	566	24000	680	28000	793
54"	1372	4500	127	9000	255	13500	382	22500	637	27000	765	31500	892
60"	1524	5000	142	10000	283	15000	425	25000	708	30000	850	35000	991
66"	1676	5500	156	11000	312	16500	467	27500	779	33000	935	38500	1090
72"	1829	6000	170	12000	340	18000	510	30000	850	36000	1020	42000	1189

Separation Capacity	Model Numbers			Depth of Burden	Chute Depth	Magnetic Dimension	
						Thickness	Length
Light Strength	EP50	FF50	SM50	Up to 1"	3/4"	13/16"	6-1/8"
Standard Strength	EP100	FF100	SM100	1 to 2"	1-1/2"	1-5/16"	8-1/8"
Medium Strength	EP200	FF200	SM200	3"	2"	1-9/16"	10-1/8"
Heavy Strength	EP300	FF300	SM300	5"	3"	2-9/16"	12-1/4"
High Intensity Strength	EP500	FF500	SM500	6"	4"	4-1/16"	14-1/4"
Extra High Intensity	EP800	FF800	SM800	7"	5"	6-5/8"	16-3/8"
Magnum I	EP1000	FF1000	SM1000	8"	6"	8-1/8"	20-3/8"
Magnum II	EP1200	FF1200	SM1200	9"	6"	8-1/8"	26-3/8"
Magnum III	SPM or SPMK			-	9"	10-5/8"	33"

Manufactured in standard widths ranging from 4" to 72"

- Notes:**
- FF Designs are recommended for above the flow because of optimum reach out capabilities.
 - Where wet, fibrous or dense burdens prevail, go to the next stronger model.
 - The chart above is based on dry, free-flowing material speeds up to 200 ft./min. and angle of flow under 45°. For 200 to 325 FPM, or if flow angle is 45° to 70°, use two plate magnets spaced 6 inches apart (or 4 pole plate). The use of two plate magnets spaced 6 inches apart will permit an increase of 50% in net capacity. For 325 to 450 FPM and/or flow angle is 45° to 70°, use three plate magnets installed 6 inches apart (or a 6 pole plate). If flow angle is more than 70° use an IMI Dog-Leg Hump or Pipe Magnet.
 - Refer to IMI's SPM for over the belt applications.
 - When in doubt, always allow extra magnetic separation capacity to provide protection against unknown variables.

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