

Lifting Magnets

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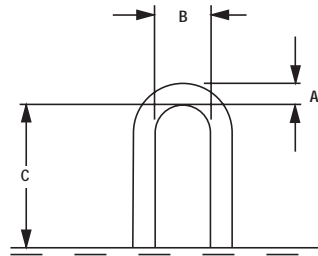
The Caldwell Group • 800-628-4263 Fax 815-229-5686
 Rig-Master® Section
 Master Catalog MC-607

Model PNL - Permanent Lifting Magnets



PRODUCT FEATURES:

- On/off rare earth design.
- For use on flat or round material.
- Completely self contained.
- Permanent magnets holding power not affected by power outages or battery life.
- Conforms to ASME B30.20.



SPECIFICATIONS

Model Number	Lift Capacity (lbs.)		Magnet (in.)		Overall Height (in.)	Bail Opening (in.)			Handle Length (in.)	Weight (lbs.)
	Plate	Round	Length	Width		A	B	C		
PNL220	220	110	3-5/8	2-5/8	6-5/8	3/16	1-1/2	1-3/8	5-7/8	7
PNL660	660	330	6-3/8	3-5/8	8-7/8	1/2	1-3/4	2-3/8	6-7/8	22
PNL1300	1,300	660	9-1/8	4-7/8	8-7/8	5/8	2-1/4	3-1/2	6-3/4	53
PNL2200	2,200	1,100	10-5/8	7-1/8	8-7/8	3/4	3-3/4	4-3/4	10-1/8	110
PNL4400	4,400	2,200	14-7/8	9-1/4	18	7/8	4-3/4	6	16-3/4	276
PNL6600	6,600	3,300	18-1/16	11-1/4	22-1/4	1-7/16	5-3/4	7-1/4	20-5/8	485

HOLDING VALUE & MAX SHEET SIZE FOR SPECIFIED MATERIAL THICKNESS

Model Number	SHEET THICKNESS (Capacity in lbs. / Size in ft.)													
	1/4"		3/8"		1/2"		3/4"		1"		2"		3"	
	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size
PNL220	180	4 x 4.5	220	4 x 3.5	220	3 x 3.5	220	2 x 3	220	2 x 2.5	220	1 x 2.5	220	1 x 1.5
PNL660	270	4 x 6	500	4 x 8	615	4 x 7.5	660	4 x 5	660	4 x 4	660	3 x 2.5	660	2 x 2.5
PNL1300	-	-	-	-	655	4 x 8	1000	4 x 8	1300	4 x 8	1300	4 x 4	1300	4 x 2.5
PNL2200	-	-	-	-	-	-	-	-	1300	4 x 8	2200	4 x 7	2200	4 x 4.5
PNL4400	-	-	-	-	-	-	-	-	-	-	2625	4 x 8	4400	4 x 8
PNL6600	-	-	-	-	-	-	-	-	-	-	4084	5 x 10	6125	5 x 10

WARNING

All capacities are based on lifting clean, smooth, flat low-carbon steel plate with the full area of the magnet's lifting surface in contact with the load. Derating is required for plates or other loads with rust or scale. Do not use on material thinner than 1/4".

Note: When lifting 4' x 8' sheets or any sheets over 4' x 8', use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging, or peel-off. Material less than 3/8" thick is susceptible to magnet bleed through, resulting in two sheets lifted at once.