

Lifting Magnets

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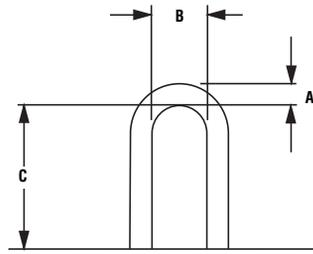
Rig-Master® Section
 2011-2013 Master Catalog

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.
- Complies with ASME standards.



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		
PNL0250	250	125	3-5/8	2-5/8	6-5/8	3/16	1-1/2	1-3/8	5-7/8	7
PNL0800	800	400	6-3/8	3-5/8	8-7/8	1/2	1-3/4	2-3/8	6-7/8	22
PNL1600	1600	800	9-1/8	4-7/8	8-7/8	5/8	2-1/4	3-1/2	6-3/4	53
PNL2500	2500	1250	10-5/8	7-1/8	8-7/8	3/4	3-3/4	4-3/4	10-1/8	110
PNL5000	5000	2500	14-7/8	9-1/4	18	7/8	4-3/4	6	16-3/4	276

LIFTING VALUE & MAXIMUM SHEET LENGTH FOR SPECIFIED MATERIAL THICKNESS

Model Number	Sheet Thickness - Capacity (lbs.) / Length (ft.)													
	1/4"		3/8"		1/2"		3/4"		1"		2"		3"	
	Cap.	Length	Cap.	Length	Cap.	Length	Cap.	Length	Cap.	Length	Cap.	Length	Cap.	Length
PNL0250	180	6'	250	8'	250	8'	250	8'	250	10'	250	10'	250	10'
PNL0800	270	6'	500	8'	615	8'	800	8'	800	10'	800	10'	800	10'
PNL1600	-	-	-	-	800	8'	1600	8'	1600	10'	1600	10'	1600	10'
PNL2500	-	-	-	-	-	-	-	-	1490	10'	2500	10'	2500	10'
PNL5000	-	-	-	-	-	-	-	-	-	-	2625	10'	5000	10'

NOTE: Max sheet length due to sag for material thickness for single magnet use.

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: We recommend when lifting sheets over 8', use 2 or more lifts on a lifting or spreader beam to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once.