



Lift Magnets - Permanent

NEO Series

The NEO Series Material Lifting Magnets are used in Steel Supply, Machine, and Die shops where heavy steel objects are moved rapidly and safely.

NEO magnets feature High Lift Capacity, Ease of Operation, and Ease of Movement due to low weight. Permanent magnets allow for No Power Consumption. Yet the NEO magnet have handles that lock in "ON & OFF" positions to prevent unintentional operation. These magnets meet all the requirements of ANSI/ASME B30.20 (Safety Standard) and are supplied with an operating manual, pull test certificate, a video, and safety posters.



Please consult the OPERATOR'S MANUAL AND SAFETY INSTRUCTIONS for more detailed ratings

Model Number	Length		Width		Height		Weight		Capacity Rounds (lbs)	Capacity Plate (lbs)	Maximum Rated Lift Capacity * Plate Thickness Equal to or Greater Than:
	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(lbs)	(kg)			
NEO-125	3.6	92	2.3	59	4	109	6	3	88	275	1"
NEO-250	5.9	151	4	100	6	103	22	10	0 - 275	0 - 550	2.5"
NEO-500	9.7	246	4.7	120	6	102	42	19	0 - 550	0 - 1,100	2.5"
NEO-1000	12.4	316	5.8	147	8.5	124	80	36	0 - 1,100	0 - 2,200	3"
NEO-2000	19	483	6.5	165	9.8	147	198	90	0 - 2,200	0 - 4,400	4"

Performance Rating on AISI 1021 Steel for clean, flat, smooth low carbon steel plate.
Derating is required for plates with rust or scale.
Alloy Plates and plates thinner than those listed above require derating.

NEO-HV Series

NEO-HV Series permanent lifting magnets are designed to lift loads from the horizontal position into the vertical positions quickly and efficiently.

NEO-HV material lift magnets handle loading of flat, ferrous metal work-pieces onto a machine center or lathes with horizontal spindles. They can also be used to load material into vertical racks for storage.

Turn your standard NEO magnet into an HV unit by adding a lift arm.



Description	Magnet Assembly		
	NEO-HV250	NEO-HV500	NEO-HV1000
Rated Lifting Capacity (lbs)	0 - 550	0 - 1100	0 - 2200
Length (in.)	38	46	48
Width (in.)	8	11	14
Height (in.)	10	10	12.2
Weight (lbs)	60	86	158
Plate Width (min-max)	11.8" - 31.5"	11.8" - 39.4"	11.8" - 39.4"
Plate Length (min-max)	8" - 60"	12" - 72"	12.5" - 79"
Plate Thickness (min-max)	0.25" - 5.9"	0.31" - 9.8"	0.39" - 11.8"

Lifting Capacities Based on flat AISI 1020 Steel.

