

# Magnetic Material Handling Comparison Chart

MASTER MAGNETICS, INC.



**Heavy Duty Neodymium Lifting Magnets, HDNLM1300**



**Magnetic Lifters, B450-CAMC**



**Magnetic Grippers, M479C**



**Bulk Parts Lifters, ML72C**

Material handling magnets are ideal for handling steel plates, forgings, die castings, and similar items in machine shops, warehouses and industrial processing plants. Choosing the right magnet for the application is important to ensure that the best results are achieved. This comparison chart provides a quick reference to some of the most useful magnetic material handling features. Consult your magnetic solutions specialist for additional information about material handling magnets and which one is best for your application. Our products are not electric.

Products	Part No.	Footprint Size L x W	Maximum Pounds of Pull	Built-In Release	Heavy Duty	Magnet Housing Material	Vertical Lifter	Horizontal Slider
<b>HEAVY DUTY NEODYMIUM LIFTING MAGNETS LIFT FLAT OR ROUND MATERIAL</b>	HDNLM220	3.62" x 2.52"	220 Flat - 110 Round	●	●	Painted Steel	●	
	HDNLM660	6.38" x 3.62"	660 Flat - 330 Round	●	●	Painted Steel	●	
	HDNLM1300	9.17" x 4.8"	1,320 Flat - 660 Round	●	●	Painted Steel	●	
	HDNLM2200	10.55" x 7.05"	2,200 Flat - 1,100 Round	●	●	Painted Steel	●	
	HDNLM4400	14.92" x 9.13"	4,400 Flat - 2,200 Round	●	●	Painted Steel	●	
<b>MAGNETIC LIFTERS</b>	B450	4.25" x 2.875"	450 Flat		●	Unpainted Steel	●	
	B450-CAMC	4.25" x 2.875"	450 Flat	●	●	Painted Steel	●	
<b>MAGNETIC GRIPPERS</b> <small>NOT designed for lifting heavy objects. The pull test rating is measured by a vertical pull from a thick steel plate for relative magnetic strength comparisons only.</small>	BC100C	5" x 3.5"	100 Flat	●	●	Painted Steel		●
	MGPR100	5" x 2.35"	150 Flat	●	●	Painted Steel		●
	M688C	5.125" x 3"	280 Flat	●	●	Painted Steel		●
	M480C	5.125" x 4.5"	400 Flat	●	●	Painted Steel		●
	M479C	6.125" x 5.25"	600 Flat	●	●	Painted Steel		●
<b>BULK PARTS LIFTERS</b>	07540	3.5" Diameter	1 lb. Pick-up Capacity	●		Plastic and Steel	●	
	ML5D-30	5" Diameter	20 lb. Pick-up Capacity	●		Plastic	●	
	ML71	1.625" x 4.75"	3 lb. Pick-up Capacity	●		Steel and Nylon	●	
	ML72	4.375" x 3.125"	5 lb. Pick-up Capacity	●		Steel and Nylon	●	
	ML72-30C	4.375" x 3.125"	5 lb. Pick-up Capacity	●		Steel and Nylon	●	
	ML74	6.25" x 4.75"	9 lb. Pick-up Capacity	●		Steel and Nylon	●	
	ML74-30C	6.25" x 4.75"	9 lb. Pick-up Capacity	●		Steel and Nylon	●	
	ML76	8.5" x 4.75"	10 lb. Pick-up Capacity	●		Stainless Steel	●	
ML78	11.25" x 4.75"	13 lb. Pick-up Capacity	●		Stainless Steel	●		

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