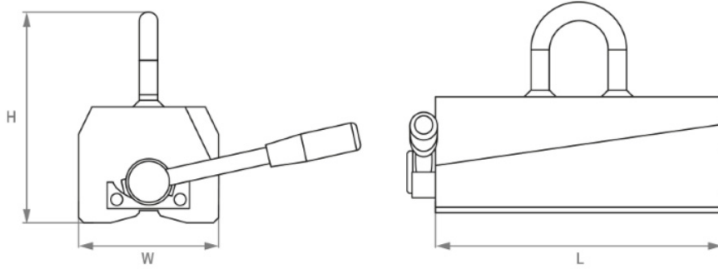




Magnetic Products, Inc.
Highland, Michigan | mpimagnet.com

Permanent Lifting Magnet



MPI is introducing a new, high quality, European built Permanent Lifting Magnet at a great price. There is no need to take a risk using a worn out lifter. There is no better performing or safer Lifting Magnet on the market today.

- 1 Minimal Mechanical Fasteners:**
 - Strong welded design features compact body with only two recessed handle screws – no load bearing screws to come loose
- 2 Fully Welded Durability:**
 - Stainless steel robust lifting eye permanently welded to the body – will never come loose
- 3 Simple Operation:**
 - Simple Easy Switch control switches magnet on and off easily, quickly, and safely with one hand
- 4 3x Safety Factor:**
 - 3:1 safety factor – every lifter is individually tested to meet load specifications and the results are recorded by serial number
 - Professional quality tool – a must for businesses with a formal safety program, you are buying the safest technology available today for your workforce

Five Year Warranty:

- Only lifter in the industry with a five-year warranty on the magnetic system

European Quality:

- Manufactured in Europe to the highest quality standards
- Meets all the requirements of ANSI/ASME B30.20 (safety standard)

Testing:

- Air Gap Test - tear-off test is conducted with an air gap that simulates real operating conditions - true capacity

Free Re-Certification:

- Annual lifter re-certification service available from MPI – verifies lifting performance meets product specifications and may be used for your company's annual OSHA lifting safety compliance program

Application: Lifting

Technology: Permanent

Nominal lifting capacity for flat material: up to 2,000kgs/4,409lbs

Nominal lifting capacity for round material: up to 1,000kgs/2,204lbs

Temperature max: 80°C/176°F

Safety factor: 3:1

Part Number	W (IN)	L (IN)	H (IN)	Ø OF EYE (IN)	WEIGHT (LBS)	Tested Lifting Capacity (LBS)	Workload Limit Flat Materials (LBS)	Workload Limit Round Materials (LBS)	Ø MIN/ MAX (IN)
LM-0150-REN	2.4	3.7	4.7	0.4	6.6	992	330	143	2/4
LM-0300-REN	3.9	6	7.1	0.6	22.1	1,984	661	330	2.4/7.8
LM-0600-REN	4.7	9.7	7.1	0.8	46.3	3,968	1,322	661	2.5/10.6
LM-1000-REN	5.8	12.1	9.3	0.8	88.2	7,054	2,204	1,102	4/11.8
LM-1500-REN	6.5	14.7	10.8	0.8	152.1	10,361	3,306	1,653	6/13.7
LM-2000-REN	6.5	18.8	10.8	0.8	198.4	13,668	4,409	2,204	6/13.7

Specifications subject to change • F.O.B. Highland, MI • Some items ship by truck



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WORKLOAD LIMIT FOR PLATES AND ROUNDS (AISI 1020 STEEL)*

LM-0150-REN							LM-1000-REN						
Type of Surface							Type of Surface						
Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN		Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN	
	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)		Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
0.984	330	-	187	-	132	-	>= 2.36	2204	-	1863	-	1433	-
0.59	287	79 x 20	154	430 x 20	121	35 x 20	1.18	1896	96 x 59	1609	78 x 59	1246	75 x 49
0.393	265	98 x 20	143	59 x 20	110	47 x 20	0.984	1830	112 x 59	1554	94 x 59	1212	88 x 49
0.157	110	98 x 20	88	91 x 20	66	67 x 20	0.787	1642	126 x 59	1411	108 x 59	1124	102 x 49
0.078	44	59 x 20	31	51 x 20	29	47 x 20	0.59	1102	130 x 59	981	114 x 59	838	110 x 49
							0.393	584	108 x 59	529	100 x 59	441	104 x 49
Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
2 to 4	143	98	110	79	77	59	3.9 to 11.8	1102	177	882	157	661	137

LM-0300-REN							LM-1500-REN						
Type of Surface							Type of Surface						
Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN		Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN	
	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)		Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
>= 1.18	661	-	419	-	254	-	>= 3.15	3306	-	3131	-	2249	-
0.59	540	78 x 39	353	55 x 39	232	39 x 39	1.96	3219	118 x 47	2646	98 x 47	2116	78 x 47
0.393	441	98 x 39	287	59 x 39	209	47 x 39	1.18	2161	137 x 47	1984	128 x 47	1720	98 x 51
0.236	220	86 x 39	198	70 x 39	154	59 x 39	0.787	1676	138 x 55	1653	118 x 63	1532	98 x 69
0.157	121	70 x 39	110	70 x 39	88	51 x 39	0.59	1191	118 x 59	1168	118 x 59	926	98 x 55
Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
2.4 to 7.875	331	138	265	118	165	98	5.9 to 13.8	1653	197	1543	177	1323	138

LM-0600-REN							LM-2000-REN						
Type of Surface							Type of Surface						
Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN		Load Thickness	Clean and Smooth Ground Surface Air Gap <0.004 IN		Rusty and Hot Rolled Surface Air Gap 0.004 - 0.012 IN		Irregular and Rough Surface Air Gap 0.012 - 0.02 IN	
	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)		Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
>= 1.18	1322	-	948	-	595	-	>= 3.15	4409	-	3638	-	2866	-
0.787	1025	78 x 59	860	78 x 49	551	49 x 39	1.96	4299	128 x 59	3527	98 x 59	2756	78 x 59
0.59	948	88 x 59	750	90 x 49	485	70 x 39	1.18	2976	138 x 59	2535	128 x 59	2205	98 x 59
0.393	628	98 x 59	529	94 x 49	408	86 x 39	0.787	2425	138 x 79	2205	118 x 79	1984	98 x 79
0.315	496	94 x 59	397	90 x 49	287	78 x 39	0.59	1433	118 x 59	1323	118 x 59	1212	78 x 59
0.236	342	86 x 59	265	78 x 49	220	78 x 39							
Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Round Diameter (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)	Max. Load (LBS)	Max. Length (IN)
2.5 to 10.625	661	157	529	138	352	118	5.9 to 13.8	2204	197	1984	177	1764	157

DO NOT LIFT PLATES THINNER THAN INDICATED IN THE CHART. WHEN LIFTING TUBES WITH A THIN WALL, THE LENGTH MAY BE THE LIMITING FACTOR.

*WLL= maximum working load designed for certain lifting magnet capacity, with respect to minimal safety factor 3:1.