

Permanent Lifting Magnets

These compact, Power rare earth lifting magnets are permanent magnets that have on/off functionality, but require no electricity! Not only does this reduce operating costs, but also eliminates the fear of dropping the load being lifted due to power failures.

Applications:

- Load steel plate into vertical storage racks
- Lift steel plate from vertical storage racks to horizontal machining centers or cutting tables
- Lift steel plate, rounds or billets into place for equipment/machinery manufacturing



We are selling only certified Permanent Lifting Magnets

Our permanent lifting magnets are tested in the **SGS-CSTC** in Shanghai Lab. Each magnet is individually tested before goes out, including a certificate of the capacity. Each permanent lifting magnet meets the requirements of the Machinery Directive of European Parliament and European Council **2006/42/EC Annex-VII**.

Standard(s) Referenced:

**# EN 13155:2003+A2:2009 ;
EN ISO 12100:2010 #**

Each permanent lifting magnets is **3.5 times** rated capacity factor of safety and meets **ASME B30.20 SAFTY STANDARDS**



Essen now offers below six standard permanent lifting magnets:

Model	Rated lifting strength (kgf)	Cylindrical lifting strength (kgf)	Max pull-off strength (kgf)	L	B	H	R	Operation temperature (°C)	Dead weight (kg)
PML100	100	50	350	64	92	64	126	<80	3
PML300	300	150	1050	92	162	91	155	<80	10
PML600	600	300	2100	122	232	117	196	<80	24
PML1000	1000	500	3500	176	258	163	285	<80	50
PML2000	2000	1000	7000	234	378	212	426	<80	125
PML3000	3000	1200	10500	255	525	256	735	<80	218

Why choose us?

OUR ADVANTAGE COMES FROM THE FOLLOWING BASES >>>>>>>



- 1.Premium & Stable Quality;
- 2.Competitive Price;
- 3.CE Certificated;
- 4.Conforms To ASME B30.20 Standards;
5. Traceability System;
- 6.International product liability insurance;
- 7.Big Capacity Assuring Safe & Prompt delivery at any time.
8. Can offer Nd-Fe-B Magnet License for USA/EURO market

Custom Sizes & Configurations Available. You also can have your own logo on the lifters as well if you so wish.