



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

NEW 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.



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: 3X

- 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:**
 - 3X 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

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

25% Off* List Price
with trade in of any lifting magnet of equal size/capacity

| 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) | List Price | Sale Price |
|-------------|--------|--------|--------|---------------|--------------|-------------------------------|-------------------------------------|--------------------------------------|-----------------|------------|------------|
| LM-0150-REN | 2.4 | 3.7 | 4.7 | 0.4 | 6.6 | 992 | 330 | 143 | 2/4 | \$475.00 | \$356.25 |
| LM-0300-REN | 3.9 | 6 | 7.1 | 0.6 | 22.1 | 1,984 | 661 | 330 | 2.4/7.8 | \$805.00 | \$603.75 |
| LM-0600-REN | 4.7 | 9.7 | 7.1 | 0.8 | 46.3 | 3,968 | 1,322 | 661 | 2.5/10.6 | \$1,105.00 | \$828.75 |
| LM-1000-REN | 5.8 | 12.1 | 9.3 | 0.8 | 88.2 | 7,054 | 2,204 | 1,102 | 4/11.8 | \$1,790.00 | \$1,342.50 |
| LM-1500-REN | 6.5 | 14.7 | 10.8 | 0.8 | 152.1 | 10,361 | 3,306 | 1,653 | 6/13.7 | \$2,740.00 | \$2,055.00 |
| LM-2000-REN | 6.5 | 18.8 | 10.8 | 0.8 | 198.4 | 13,668 | 4,409 | 2,204 | 6/13.7 | \$3,115.00 | \$2,336.25 |

Specifications subject to change • F.O.B. Highland, MI • Some items ship by truck • Offer valid January 1, 2022 through April 30, 2022



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Proper Ways to Use A Lift Magnet

Common Factors for Lift Magnet Loss of Performance or Failure

- Blunt force impact such as dropping, or banging on the magnet can cause fractures in the magnet
- High heat: If the magnet is exposed to temperatures above its' capabilities, it will lose magnetism
- Exposure to electrical fields, like generators or welding ground circuits, will result in loss of magnetism
- External factors that influence a lift magnet's performance are nicks, scratches, gouges, rust, etc. to the contact surface of the lifter
- Breakaway testing will prove the magnet is performing at the intended Working Load Limit (WLL)



HEAT



IMPACT



WELDING

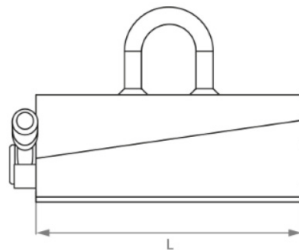
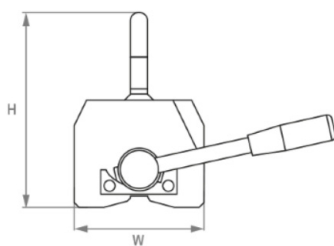


LIQUID INGRESS

Important Do's and Don'ts

Always

- Instruct new operators to read the relevant manual before using
- Use the entire work surface of the lifter
- Fully engage the lifter in the ON position before lifting the load
- Wear suitable protective work wear when using the equipment
- Maintain the lifter work surface in good condition
- Check the suitability of equipment used in conjunction with the lifter
- Adhere to the safe working load information specified



Why Should I Use a Lift Magnet Testing and Certification Service?

Lift Magnets cannot be visually inspected alone. Lift Magnet Failure is often the result of internal damage to the magnetic material and is not evident by simple visual inspections that can be performed on other lifting devices. Our Lift Magnet Testing and Certification Service performs both a thorough visual inspection and functional testing of your magnetic lifting products using testing techniques and equipment that meet or exceed the ASME B30.20 Standards for Below-the-Hook Magnetic Lifting Devices. These performance tests are often referred to as Breakaway tests.

Proper breakaway testing of a lift magnet will determine the maximum lift capacity of that magnet under ideal conditions. The outcome of the test allows the operator/owner of the lift to determine if the magnet meets the rated Working Load Limit (WLL) or lift capacity as designed by the manufacturer. After testing, MPI provides documentation of the testing and a certificate of conformance if the magnet meets the manufacturer's labeled rating.

Never

- Lift or transport people
- Lift loads while people are in the maneuvering space
- Allow untrained personnel to operate the lifter
- Leave a load unattended
- Attempt to switch the lifter before setting the load down
- Position yourself beneath the lifted load
- Bring the load to a sharp stop
- Lift a load outside of the specified safe workload of the lifter
- Lift a load with dimensions outside those specified for the lifter
- Lift an unbalanced load
- Operate the lifter in temperatures higher than 80°C (176°F) and lower than -10°C (14°F)
- Operate the lifter in humidity higher than 80%
- Operate the lifter in explosive (EX) or static sensitive environments
- Submerge the lifter in water



Contact 800-999-9180