

MagnaLift
MAGNETIC
Power-Grip



MagnaLift and Power-Grip are brands of Obsidian Manufacturing Industries, Inc.

5015 28th Avenue
Rockford, IL 61109
phone 815-962-8700
fax 815-398-0285
email info@obsidianmfg.com
www.obsidianmfg.com

Are your lift magnets tested annually?

Keep your lift magnets operating like new with annual inspections and load testing at our facilities by our trained technicians.

Annual Inspections and Load Testing can....

- ✓ help you remain in compliance with OSHA guidelines
- ✓ improve your plant safety
- ✓ reduce the number of your equipment breakdowns
- ✓ reduce downtime in your facilities
- ✓ identify minor problems before they result in major repairs for your company



Permanent Lift Magnet with load capacity up to 2,000 pounds • \$75 ea

Battery Operated & Electric Lift Magnet with load capacity under 5,000 pounds • \$115 ea

Battery Operated & Electric Lift Magnet w/load capacity from 5,000 to 10,000 pounds • \$150 ea

Battery Operated & Electric Lift Magnet with load capacity over 10,000 pounds • \$240 ea

Any modifications or differences from the standard models will affect pricing. If any repairs are needed or modifications have been made to the lift magnet and identified during inspection, customer would be notified of any pricing change before proceeding with repair. Painting to "like new" condition at additional cost. No warranties are included with inspections.



Lift Magnet Recommended Inspection Schedule

Inspection procedure for lifting magnets in regular service is based upon the exposure to wear, deterioration or malfunction of the lifting magnet and its components. The general inspection intervals are designated as "Every Lift", "Frequent", and "Periodic" and defined as follows:

Every Lift Inspection – Visual examination by the operator before and during each lift made by the magnet. The following items are to be inspected for defects and damage as specifically indicated, including observations during operation for any damage which might occur during the lift. Any deficiencies found should be corrected immediately or the unit should be placed out of service until they are corrected.

- Lifting magnet face (all surfaces) for foreign materials, smoothness and broken welds.
- Condition of lifting bail or sling suspension.
- Condition and operation of control handle.
- Condition and operation of current indicator where applicable.

Frequent Inspection –

- *Normal Service* – monthly.
- *Heavy Service* – weekly to monthly.
- *Severe Service* – daily to weekly.
- *Special or infrequent service as recommended by a qualified individual before and after each such use.*

Visual examination by the operator or other designated personnel with records not required. Items such as the following are to be inspected for defects and damage at intervals as defined previously or as specifically indicated, including observations during operation for any defects and damage which might appear between regular inspections. Any deficiencies found should be corrected immediately or the unit should be placed out of service until they are corrected.

- Inspect for items noted in "**Every Lift Inspection**"
- Inspect labels, marking, and indicators or meters.
- Inspect all electrical conductors for loose connections, continuity, corrosion and damage to insulation.
- Input voltage to be checked and magnet coil to be tested of ohmic and ground readings and compared manufacturer's original standards.
- Inspect battery, if applicable, for proper level of battery electrolyte.

Periodic Inspection –

- *Normal Service* – equipment in place--yearly.
- *Heavy Service* – equipment in place--yearly.
- *Severe Service* – equipment in place--quarterly.
- *Special or infrequent service* –as authorized by a qualified person before the first such use and as directed by the qualified person for any subsequent such uses.

Visual inspection by appointed person marking records of apparent external conditions. Complete inspections of lifting magnets are to be performed and recorded at intervals as defined in "**Every Lift Inspection**" and "**Frequent Inspection**". Any deficiencies such as listed are to be examined and corrected. In addition, the following items should be addressed:

- Each lifting magnet is to satisfactorily perform an official Load Test.
- All members, fasteners, locks, switches, warning labels and lifting parts are to be inspected for deformation, wear, and corrosion.
- All electrical components including meters, indicators, or alarms are to be tested for proper operation and condition.

All information contained herein is offered in good faith, without guarantee or obligation for the accuracy of sufficiency thereof, or the results obtained, and are accepted at user's risk.