NEED A LIFT?

IMI’s lift magnets won’t leave you hanging.

- BASICLIFT™
- CREATIVE LIFT®
- POWERLIFT®
- VERSALIFT™

INDUSTRIAL MAGNETICS, INC.
**BasicLift™**

IMI’s BasicLift™ is a powerful, no frills permanent ceramic lift magnet perfect for basic flat steel lifting. Featuring a lightweight and durable Stainless Steel design, the BasicLift™ has a full width cam to release the magnet from the steel surface and a tall lift lug for easy use with crane hooks and slings.

The BasicLift™ offers a good value for your dollar with strong lifting capacity and basic lifting features.

**Features**
- Heat resistant up to 300°F (148°C)
- Lightweight Design
- Durable Stainless Steel Casing
- Large Lift Lug
- Full Width Cam Release
- 2:1 Design Factor
- USA M.A.D.E.™

**Creative Lift®**

Permanent lift magnets are ideal for handling steel plates, die castings, forgings, etc. They eliminate the need for clamping devices, slings or chains. One person can perform operations previously calling for two or more people.

**Features**
- Non-Marring Roller Cam Release will easily release parts without gouging your valuable materials
- Spring return handle
- Less torque required to release load
- "Jack Screw", Secondary Release
- RFID Enabled
- Lift capacity clearly stated on magnet
- Durable Stainless Steel Casing
- Heat Resistant up to 300°F (148°C)
- 3:1 Design Factor
- USA M.A.D.E.™
- CONFORMS TO ASME B30.20 STANDARDS

### Table: Lifting Value in lbs (kg) & *Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use

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**NOTE:** Holding Values for the BasicLift™ Magnets are stated at 50% of the actual value. We recommend when lifting sheets over 8’, use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. *These maximum sheet lengths are selected due to the sag characteristics of the specified sheet. The item to be lifted must cover the entire length and width of the magnetic poles to properly engage and release the part.*

**NOTE:** Holding Values for the Creative Lift® Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8’, use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. *These maximum sheet lengths are selected due to the sag characteristics of the specified sheet. The item to be lifted must cover the entire length and width of the magnetic poles to properly engage and release the part.*

**INDUSTRIAL MAGNETICS, INC. • 1385 M75 S. • BOYNE CITY, MI 49712 • P 888.582.0822 • F 231.582.0622 • WWW.MAGNETICS.COM**
PERMANENT RARE EARTH LIFT MAGNETS

POWERLIFT®

These compact yet powerful Rare Earth permanent lift magnets can be used on flat or round surfaces and contain an internal release On/Off device that does not contact or damage the surface of the part being lifted. Permanent magnetic lifts eliminate the fear of dropping the load being lifted due to power failures.

The locking system is performed by first pulling on the handle to release the lock pin, then rotating the handle to the desired position. The locking feature prevents the handle from being bumped partially “On” and avoids giving the operator a false feeling that the magnet is holding safely.

Features
• On/Off Rare Earth Permanent Magnet
• Handle locks in both On and Off position
• Lifts flat or round loads (see chart below)
• Easy internal manual release does not contact the load
• RFID Enabled
• Heat resistant up to 180°F (82°C)
• 3:1 Design Factor
• CONFORMS TO ASME B30.20 STANDARDS
• Heat resistant up to 180°F (82°C)
• Lifts flat or round loads (see chart below)
• Handle locks in both On and Off position
• RFID Enabled
• Heat resistant up to 180°F (82°C)
• 3:1 Design Factor
• CONFORMS TO ASME B30.20 STANDARDS

Features
• Rare Earth Permanent Magnet with a locking On/Off handle & Test load feature
• Stationary Lift Lug(s) and Vertical Lift Capable using the optional Lift Lug attachment
• RFID Enabled - Embedded RFID Chip
• Supports custom pole shoes (4, 1/4”-20 Tapped Holes, 1/2” deep)
• Heat resistant up to 180°F (82°C)
• 3:1 Design Factor
• CONFORMS TO ASME B30.20 STANDARDS

PERMANENT RARE EARTH LIFT MAGNETS

Holding Values for the PowerLift® Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8’, use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. Round Item Holding Values are based on ideal conditions. Pipe length, wall thickness, diameter and surface condition can all affect the magnet’s performance. Please consult the factory before specifying these magnets for use on round materials. *These maximum sheet lengths are based on the size of the specified sheet. To be lifted must cover the entire length and width of the magnetic poles to properly engage and release the part. CF = Consult Factory, NA = Not Applicable (Magnets listed will not turn “ON” on specified material thicknesses.)

VERSALIFT™

Compact and powerful Rare Earth lift magnet for use on flat or round surfaces. Contains an internal ON/OFF release device that does not contact or damage the surface of the part. More features than other lifts and manufactured in the USA (USA M.A.D.E.™).

Features
• Rare Earth Permanent Magnet with a locking On/Off handle & Test load feature
• Stationary Lift Lug(s) and Vertical Lift Capable using the optional Lift Lug attachment
• RFID Enabled - Embedded RFID Chip
• Supports custom pole shoes (4, 1/4”-20 Tapped Holes, 1/2” deep)
• Lifts flat or round loads (see chart below)
• Heat resistant up to 180°F (82°C)
• 3:1 Design Factor
• CONFORMS TO ASME B30.20 STANDARDS

To operate Test Feature, pull spring loaded handle out and rotate it to the “TEST” position. Lift load approx. 2-3” to verify the magnet has the capacity to lift your load. Once verified, place load back down and turn the handle to the “ON” position. Never complete entire lift operation in “TEST” position.

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**DYNAMICLIFT™ MAG-MATE**

These lightweight and powerful Rare Earth permanent lift magnets, featuring Magswitch® technology, can be used on flat or round surfaces and contain an internal release On/Off device that does not contact or damage the surface of the part being lifted. DynamicLifts™ have superior holding on thin gauge ferrous metals.

**Features**
- On/Off Rare Earth design
- Lifts flat or round loads (see chart below)
- Easy internal manual release does not contact the load
- Heat resistant up to 180°F (82°C)
- Handle locks in “On” position
- 3:1 Design Factor
- CONFORMS TO ASME B30.20 STANDARDS

**Sheet Handler**

Protect workers from cuts, slivers, nicks & burns! Use the Magnetic Sheet Handler for steel sheets, plates, hot or oily parts.

**Features**
- Handle sheets stacked horizontally or vertically
- Increase productivity
- No electricity required

**PowerGrips**

Our PowerGrip Magnets are an fast, effective and affordable way to move parts from your cutting table.

**Features**
- Effective holding against shear force
- Welded steel construction
- Strong permanent magnetic material
- Securely grips heavy parts
- 300°F (148°C)

**Trigger Lift®**

Hand held lift grips parts with an easy to use trigger release.

**Features**
- One handed operation
- Permanent magnetic
- Move parts faster & easier
- Aluminum housing
- Retrieve hot parts from cutting tables
- 300°F (148°C)

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**INDUSTRIAL MAGNETICS, INC.**

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**High Carbon Steel (Tool Steel) will Absorb Magnetism & May Magnetically Stick to Steel Surfaces, Such as the Magnet, or Attract Ferrous Particles.**

**Percentage of Stated Lifting Power by Surface Finish**

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Ground Surface</th>
<th>Pounded Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Carbon (0.65 - 0.23%)</td>
<td>88%</td>
<td>85%</td>
</tr>
<tr>
<td>Mod/High Carbon (0.23 - 0.59%)</td>
<td>92%</td>
<td>89%</td>
</tr>
<tr>
<td>High Carbon (0.60 - 0.99%)</td>
<td>95%</td>
<td>92%</td>
</tr>
<tr>
<td>Higher Carbon (Higher Residual)*</td>
<td>99%</td>
<td>96%</td>
</tr>
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</table>

*HIGH CARBON STEEL (TOOL STEEL) WILL ABSORB MAGNETISM & MAY MAGNETICALLY STICK TO STEEL SURFACES, SUCH AS THE MAGNET, OR ATTRACT FERROUS PARTICLES.