SELF-CONTAINED LIFT MAGNETS

Over 116 Years of LIFTING MAGNETS EXPERIENCE

- PERMANENT
- ELECTRIC
- BATTERY OPERATED

Walker Magnetics
20 Rockdale Street
Worcester, MA 01606
800-962-4638 (508)853-3232
FAX (508)852-8649

Walker National
2195 Wright Brothers Ave
Columbus, OH 43217
(614)492-1614 FAX (614)492-1618

Walker Magnetics National
901 Arvin Avenue
Stoney Creek, Ont.
L8E 5N9 Canada
(905)643-3338 FAX (905)643-6111

www.walkermagnet.com
EFFICIENT MATERIAL HANDLING

Walker Self-Contained Lifting Magnets are versatile, compact and easy to operate.

- Permanent magnets operate by rotating a handle. There are no restrictive cords and no power is needed.
- Battery Powered magnets use a heavy-duty 12 VDC battery and can be turned on and off using a touch pad mounted on the front of the magnet or a hand held I/R remote transmitter.
- Circular Electric magnets use recessed Lift and Release push buttons or a hand held I/R remote to power and release the magnet.

Self-contained magnets can be used to move material in any plant, shipping/receiving areas and storerooms, as well as on cut off saws, burning, plasma, laser and welding tables. Some units are able to handle pipe, tubing I & H beams, angles, channels, tees, zees and pilings.

Manuals, posters and training CD included with all Walker lifting magnets. Additional manuals can be downloaded at www.walkermagnet.com.

www.walkermagnet.com
PERMANENT LIFT MAGNETS
For Flat and Round Material Handling

NEO-125, 250, 500, 1000, 1500 AND 2000
for Flat and Round Material Handling

The NEO-125, 250, 500, 1000, 1500 and 2000 Series material handling magnets are used in steel service centers, machine and die shops and saw areas where heavy steel objects must be moved quickly and safely.

- High lift capacity
- Ease of operation
- Low weight...easy to move
- No power consumption
- Handle locks in “ON & OFF” positions to prevent unintentional operation
- Meets all the requirements of ANSI/ASME B30.20 (Safety standard)
- Supplied with manual, pull-test certificate, and safety posters

The maximum rated lift capacity is based upon lifting a clean, smooth, flat, low carbon steel plate equal to or thicker than the following plate thicknesses for each magnet model; NEO-125/1", NEO-250/2.5", NEO-500/2.5", NEO-1000/3", NEO-1500/3", NEO-2000/4", with the full area of the magnet's lifting surface in contact with the load.

Derating is required for plates with rust or scale, alloy steels, and plates that are thinner than each magnet's maximum rated plate thickness; NEO-125/1", NEO-250/2.5", NEO-500/2.5", NEO-1000/3", NEO-1500/3", NEO-2000/4".

Please consult the OPERATOR'S MANUAL AND SAFETY INSTRUCTIONS for more detailed ratings.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in.</td>
<td>in.</td>
<td>in.</td>
<td>lbs.</td>
</tr>
<tr>
<td>NEO-125</td>
<td>3.6</td>
<td>2.3</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>NEO-250</td>
<td>5.9</td>
<td>4</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>NEO-500</td>
<td>9.7</td>
<td>4.7</td>
<td>6</td>
<td>17</td>
</tr>
<tr>
<td>NEO-1000</td>
<td>12.4</td>
<td>5.8</td>
<td>8.5</td>
<td>216</td>
</tr>
<tr>
<td>NEO-1500</td>
<td>14.7</td>
<td>6.5</td>
<td>9.3</td>
<td>236</td>
</tr>
<tr>
<td>NEO-2000</td>
<td>19</td>
<td>6.5</td>
<td>9.8</td>
<td>249</td>
</tr>
</tbody>
</table>

LIFTING CAPACITY

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Cap. on Plate</th>
<th>Cap. on Rounds</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs.</td>
<td>lbs.</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>NEO-125</td>
<td>0 - 275</td>
<td>0 - 90</td>
</tr>
<tr>
<td>NEO-250</td>
<td>0 - 500</td>
<td>0 - 275</td>
</tr>
<tr>
<td>NEO-500</td>
<td>0 - 1,100</td>
<td>0 - 550</td>
</tr>
<tr>
<td>NEO-1000</td>
<td>0 - 2,200</td>
<td>0 - 1,100</td>
</tr>
<tr>
<td>NEO-1500</td>
<td>0 - 3,300</td>
<td>0 - 1,650</td>
</tr>
<tr>
<td>NEO-2000</td>
<td>0 - 4,400</td>
<td>0 - 2,200</td>
</tr>
</tbody>
</table>
NEO-HV
For Vertical Handling

NEO-HV
For Vertical Loading into Machining Centers and Lathes

Lift from Horizontal to Vertical Quickly and Efficiently
Walker NEO-HV material lift magnets handle loading of flat, ferrous metal work-pieces onto a machining center or lathes with horizontal spindles. They can also be used to load material into vertical racks for storage. Turn your standard NEO magnet into an HV unit by adding a lift arm.

Lifting Capacities (Based on flat AISI 1020 Steel)

<table>
<thead>
<tr>
<th></th>
<th>Rated Lift Cap.</th>
<th>Plate Width</th>
<th>Plate Length</th>
<th>Plate Thickness</th>
<th>Arm Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>in.</td>
<td>mm</td>
<td>mm</td>
<td>in.</td>
<td>mm</td>
</tr>
<tr>
<td>NEO-HV 250</td>
<td>0 - 550</td>
<td>11.8 - 31.5</td>
<td>300 - 800</td>
<td>8 - 60</td>
<td>0.25 - 5.9</td>
<td>38</td>
</tr>
<tr>
<td>NEO-HV 500</td>
<td>0 - 1,000</td>
<td>11.8 - 39.4</td>
<td>300 - 1000</td>
<td>12 - 72</td>
<td>0.31 - 9.8</td>
<td>46</td>
</tr>
<tr>
<td>NEO-HV 1000</td>
<td>0 - 2,200</td>
<td>11.8 - 39.4</td>
<td>300 - 1000</td>
<td>12.5 - 79</td>
<td>0.39 - 11.8</td>
<td>48</td>
</tr>
</tbody>
</table>

CER SERIES
CIRCULAR ELECTRIC LIFT MAGNETS
For Flat Material Handling

A CER magnet is the least costly but most powerful magnet available. Due to the deep penetration of its magnetic field, it is less susceptible to adverse surface conditions than any other self-contained magnet.

STANDARD FEATURES
- Recessed "ON-OFF-RELEASE" push buttons is protected against accidental operation
- Low-carbon steel body for maximum magnetic performance
- Built-in solid state rectifier permits operation from 115 volt AC outlet
- IR remote 15' from magnet

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power required at 115/120V supply (watts)</th>
<th>Net Wt. (lbs.)</th>
<th>Dia. (in.)</th>
<th>Height to Hook (in.)</th>
<th>Rated lift capacity (lbs.)</th>
<th>Rated lift capacity (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CER-5</td>
<td>92</td>
<td>22</td>
<td>5.12</td>
<td>9.8</td>
<td>0 - 600</td>
<td>0 - 300</td>
</tr>
<tr>
<td>CER-7</td>
<td>135</td>
<td>41</td>
<td>6.75</td>
<td>11.3</td>
<td>0 - 1,200</td>
<td>0 - 600</td>
</tr>
<tr>
<td>CER-9</td>
<td>208</td>
<td>41</td>
<td>9.22</td>
<td>11.8</td>
<td>0 - 2,400</td>
<td>0 - 1100</td>
</tr>
<tr>
<td>CER-12</td>
<td>420</td>
<td>64</td>
<td>12.30</td>
<td>13.6</td>
<td>0 - 4,000</td>
<td>0 - 1800</td>
</tr>
<tr>
<td>CER-16</td>
<td>495</td>
<td>154</td>
<td>16.40</td>
<td>14.5</td>
<td>0 - 7,250</td>
<td>0 - 3300</td>
</tr>
<tr>
<td>CER-20</td>
<td>1050</td>
<td>261</td>
<td>20.50</td>
<td>15</td>
<td>0 - 10,500</td>
<td>0 - 4800</td>
</tr>
</tbody>
</table>

RECOMMENDED APPLICATIONS
- CER magnets are ideally suited for in-plant handling of steel plate, flat stock, castings, forgings or machined components in all types of industrial plants, machine shops, fabricating shops and steel warehouses. Handling of loose parts such as nuts or bolts is also a popular application for the CER-16 and CER-20.

* Maximum rated lift is based upon lifting clean, smooth, flat, low-carbon steel plate, 2" or thicker with the full area of the magnet's lifting surface in contact with the load.
BATTERY POWERED LIFT MAGNETS
For Flat and Round Material Handling

BUX BM2 MAGNETS have convenient push buttons on the front panel and an I/R remote that operates from up to 15 feet.

These magnets are compact, mobile, self-contained using a heavy duty 12 volt battery. Operating on this battery source they are free of restrictive cords and wires. They also have the added advantage of being useful in areas where electricity is not available.

STANDARD FEATURES
- The battery charger has an automatic cut-off to prevent over-charging battery
- Audible Warning Alarm & Flashing Light indicates low battery
- Interlock prevents magnet de-energization when suspended in air

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Length</th>
<th>Width</th>
<th>Height to Crane Hook</th>
<th>Net wt.</th>
<th>Ship wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUX BM2-13</td>
<td>16.3 in</td>
<td>414 mm</td>
<td>8.6 in</td>
<td>22 in</td>
<td>559 lbs</td>
</tr>
<tr>
<td>BUX BM2-25</td>
<td>21 in</td>
<td>533</td>
<td>9.6 in</td>
<td>24 in</td>
<td>584 lbs</td>
</tr>
<tr>
<td>BUX BM2-36</td>
<td>48 in</td>
<td>1219</td>
<td>9.6 in</td>
<td>24 in</td>
<td>584 lbs</td>
</tr>
<tr>
<td>BUX BM2-50</td>
<td>60 in</td>
<td>1524</td>
<td>12 in</td>
<td>30 in</td>
<td>584 lbs</td>
</tr>
</tbody>
</table>

Batteries sold separately

BUX BP-7 & BP-15 BI-POLAR SERIES WITH PUSH BUTTONS AND I/R REMOTE
for Flat, Round and Shaped Material Handling

The special feature of this battery bi-polar magnet is the unique design of the pole shoe, that enables it to handle a wide variety of structural shapes and rounds.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Length</th>
<th>Width</th>
<th>Height to Crane Hook</th>
<th>Net wt.</th>
<th>Ship wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUX BP-7</td>
<td>18.5 in</td>
<td>470</td>
<td>9.5 in</td>
<td>28 in</td>
<td>706 lbs</td>
</tr>
<tr>
<td>BUX BP-15</td>
<td>30 in</td>
<td>762</td>
<td>10.5 in</td>
<td>30 in</td>
<td>762 lbs</td>
</tr>
</tbody>
</table>

Batteries sold separately

Rated Lift Capacity on AISI Steel

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Flat Stock</th>
<th>Round Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUX BM2-13</td>
<td>0 - 3,000 lbs</td>
<td>n/a kg</td>
</tr>
<tr>
<td>BUX BM2-25</td>
<td>0 - 5,500 lbs</td>
<td>n/a</td>
</tr>
<tr>
<td>BUX BM2-36</td>
<td>0 - 8,000 lbs</td>
<td>n/a</td>
</tr>
<tr>
<td>BUX BM2-50</td>
<td>0 - 11,000 lbs</td>
<td>n/a</td>
</tr>
<tr>
<td>BUX BP-7</td>
<td>0 - 1,865 lbs</td>
<td>0 - 1,865 lbs</td>
</tr>
<tr>
<td>BUX BP-15</td>
<td>0 - 3,330 lbs</td>
<td>0 - 1,500 lbs</td>
</tr>
</tbody>
</table>

Maximum rated lift is based upon lifting clean, smooth, flat, low-carbon steel plate, 2" or thicker with the full area of the magnet's lifting surface in contact with the load.

RECOMMENDED APPLICATIONS
- These versatile magnets are used in many areas of applications; handling of plates, die blocks, machined components, smooth castings and forgings. These battery powered magnets are extremely useful throughout any plant, shipping and receiving areas, storerooms, on cut-off saws, burning and welding tables, and with other machine tools such as grinders, shapers, drill presses and more.

IR Remote Transmitter*
- Dual push button release
- Clip allows operator to attach to belt or pocket
- Single push button lift
- Additional remote control units available at nominal cost

* Standard with all BUX BM2, BUX BP2 Magnets
The **Walker Ex-Beam** is an adjustable spreader beam that gives you the flexibility to maneuver long unwieldy objects with your choice of tooling apparatus.

- The Ex-Beam hangers are reversible for turning rectangular magnets for lifting thin plates less than 1.5" thick
- The Ex-10 has 6 adjustments on 4" centers. The Ex-12 has 3 adjustments on 4" centers

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**Slings**

**Electric Magnets**

**Permanent Magnets**

**Chains**

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**Available in two sizes: Ex-10 and Ex-12**

**Ex10 SPECS**
- Load Rating (2,200lbs.)
- Total travel length (66.0")
- Beam weight (220lbs.)

**Ex12 SPECS**
- Load Rating (8,800lbs.)
- Total travel length (66.0")
- Beam Weight (310lbs.)
ADDITIONAL WALKER PRODUCTS

WALKER MAGNETICS

ELECTRO-PERMANENT MAGNETS

Over 100 Years of STEEL HANDLING EXPERIENCE

Over 100 Years of SCRAP HANDLING EXPERIENCE

MATERIAL HANDLING LIFT MAGNETS

WALKER MAGNETICS

CUTTING-TABLE MAGNET SYSTEMS

Over 100 Years of STEEL HANDLING EXPERIENCE

BILLET / RAIL HANDLING MAGNETS

PLATE HANDLING MAGNETS

WALKER MAGNETICS

Magnetic Solutions Since 1896