SCARP LIFTING MAGNETS

Over 115 Years of SCRAP HANDLING EXPERIENCE

Bux Schrader
Cutler Hammer
EC & M
National Electric Coil
Square D
Walker National
O.S. Walker

Walker Magnetics
60 Solferino St.
Worcester, MA 01604
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
The Walker Scrapmaster II Series has been designed specifically to fit the needs of scrap processing operations. From a utilitarian 40" to a giant 100", magnet diameters and weights were selected to maximize the lifting capabilities of standard scrap handling cranes. The high lift-to-weight ratio of these magnets allows the movement of more and heavier scrap.

The Scrapmaster II Series magnet has a rugged ribbed case, heavy manganese steel bottom plate, welded watertight construction and tough alloy steel chains for maximum durability. All elements are designed for top operating efficiency, with deadweight engineered out.

- 75% duty cycle
- 230 V.D.C. Standard Dual Voltage models available
- Class H insulation utilized for layer-to-layer, turn-to-turn, coil-to-case insulation
- Greater all-day lifts
- High lift-to-weight ratio
- Rugged cast steel case
- Alloy steel chains for greater life and maximum durability
- Triple sealed terminal boxes

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Dia.</th>
<th>Approx. wt. (lbs.)</th>
<th>D.C. Voltage</th>
<th>Amps (cold)</th>
<th>Generator (KW)</th>
<th>Controller (amps)</th>
<th>Minimum Cable Size</th>
<th>#1 Heavy Melting</th>
<th>#2 Heavy Melting</th>
<th>Steel Turnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>40D</td>
<td>40&quot;</td>
<td>1,800</td>
<td>230</td>
<td>35</td>
<td>10</td>
<td>50</td>
<td>#8</td>
<td>0 - 900</td>
<td>0 - 600</td>
<td>0 - 375</td>
</tr>
<tr>
<td>45DSH</td>
<td>45&quot;</td>
<td>2,700</td>
<td>230</td>
<td>43</td>
<td>10</td>
<td>50</td>
<td>#8</td>
<td>0 - 1,500</td>
<td>0 - 1,030</td>
<td>0 - 480</td>
</tr>
<tr>
<td>48D</td>
<td>48&quot;</td>
<td>2,900</td>
<td>230</td>
<td>58.5</td>
<td>15</td>
<td>75</td>
<td>#8</td>
<td>0 - 1,750</td>
<td>0 - 1,160</td>
<td>0 - 600</td>
</tr>
<tr>
<td>54DSH</td>
<td>54&quot;</td>
<td>4,150</td>
<td>230</td>
<td>63</td>
<td>15</td>
<td>75</td>
<td>#6</td>
<td>0 - 2,560</td>
<td>0 - 1,660</td>
<td>0 - 730</td>
</tr>
<tr>
<td>57D</td>
<td>57&quot;</td>
<td>4,400</td>
<td>230</td>
<td>75</td>
<td>20</td>
<td>75</td>
<td>#6</td>
<td>0 - 2,700</td>
<td>0 - 1,800</td>
<td>0 - 850</td>
</tr>
<tr>
<td>63DSH</td>
<td>63&quot;</td>
<td>6,180</td>
<td>230</td>
<td>82</td>
<td>20</td>
<td>100</td>
<td>#4</td>
<td>0 - 3,970</td>
<td>0 - 2,580</td>
<td>0 - 1,230</td>
</tr>
<tr>
<td>66D</td>
<td>66&quot;</td>
<td>6,400</td>
<td>230</td>
<td>91</td>
<td>30</td>
<td>100</td>
<td>#4</td>
<td>0 - 4,100</td>
<td>0 - 2,750</td>
<td>0 - 1,350</td>
</tr>
<tr>
<td>69DSH</td>
<td>69&quot;</td>
<td>8,000</td>
<td>230</td>
<td>99</td>
<td>30</td>
<td>100</td>
<td>#4</td>
<td>0 - 4,520</td>
<td>0 - 3,000</td>
<td>0 - 1,360</td>
</tr>
<tr>
<td>72D</td>
<td>72&quot;</td>
<td>8,300</td>
<td>230</td>
<td>113</td>
<td>30</td>
<td>125</td>
<td>#4</td>
<td>0 - 4,700</td>
<td>0 - 3,150</td>
<td>0 - 1,500</td>
</tr>
<tr>
<td>78D</td>
<td>78&quot;</td>
<td>10,300</td>
<td>230</td>
<td>126</td>
<td>30</td>
<td>150</td>
<td>#2</td>
<td>0 - 5,700</td>
<td>0 - 3,800</td>
<td>0 - 2,000</td>
</tr>
<tr>
<td>87D</td>
<td>87&quot;</td>
<td>12,500</td>
<td>230</td>
<td>168.5</td>
<td>40</td>
<td>175</td>
<td>#2</td>
<td>0 - 6,825</td>
<td>0 - 4,550</td>
<td>0 - 2,600</td>
</tr>
<tr>
<td>92D</td>
<td>92&quot;</td>
<td>15,400</td>
<td>140</td>
<td>218</td>
<td>40</td>
<td>220</td>
<td>#2</td>
<td>0 - 8,500</td>
<td>0 - 5,660</td>
<td>0 - 3,000</td>
</tr>
</tbody>
</table>

Lifting capacities are based on optimum conditions. Variables in the materials or magnetic system can affect performance. Material description based on specifications for iron and steel scrap published by the Institute of Scrap Recycling Industries.
Walker Liftmaster Series Magnets have been designed and engineered for scrap processing operations.

Latest state-of-the-art materials combined with the most modern manufacturing methods make the Walker Liftmaster Series one of the most advanced magnets on the market today.

The Liftmaster Series is a lightweight magnet with maximum lift capacity

Available in 8 popular sizes:
The 30, 34, 36, 38 & 40 LM are supplied with a rigid, fabricated steel case. All sizes have heavy rolled manganese steel bottom plates for maximum impact and abrasion resistance, deep filed coil designs, and tough three leg alloy steel chains.

The Liftmaster 48, 57, 66 Series magnets have a rugged cast case, heavy rolled manganese bottom plate, deep field construction and tough 3 leg alloy chains for maximum durability.

All elements are designed for top operating efficiency, with deadweight engineered out to achieve high lift-to-weight ratio.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Dia.</th>
<th>Approx. wt. (lbs.)</th>
<th>D.C. Voltage</th>
<th>Amps (cold)</th>
<th>KW REQ.</th>
<th>#1 Heavy Melting</th>
<th>#2 Heavy Melting</th>
<th>Steel Turnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>30LM</td>
<td>30&quot;</td>
<td>900</td>
<td>230</td>
<td>18</td>
<td>4</td>
<td>0 - 450</td>
<td>0 - 300</td>
<td>0 - 125</td>
</tr>
<tr>
<td>34LM</td>
<td>34&quot;</td>
<td>1200</td>
<td>230</td>
<td>20</td>
<td>5</td>
<td>0 - 600</td>
<td>0 - 400</td>
<td>0 - 220</td>
</tr>
<tr>
<td>36LM</td>
<td>36&quot;</td>
<td>1450</td>
<td>230</td>
<td>21</td>
<td>5</td>
<td>0 - 750</td>
<td>0 - 500</td>
<td>0 - 250</td>
</tr>
<tr>
<td>38LM</td>
<td>38&quot;</td>
<td>1600</td>
<td>230</td>
<td>25</td>
<td>6</td>
<td>0 - 900</td>
<td>0 - 600</td>
<td>0 - 300</td>
</tr>
<tr>
<td>40LM</td>
<td>40&quot;</td>
<td>1850</td>
<td>230</td>
<td>30</td>
<td>7</td>
<td>0 - 1150</td>
<td>0 - 680</td>
<td>0 - 360</td>
</tr>
<tr>
<td>48LM</td>
<td>48&quot;</td>
<td>2700</td>
<td>230</td>
<td>36</td>
<td>8</td>
<td>0 - 1750</td>
<td>0 - 1200</td>
<td>0 - 600</td>
</tr>
<tr>
<td>57LM</td>
<td>57&quot;</td>
<td>4100</td>
<td>230</td>
<td>51</td>
<td>12</td>
<td>0 - 2700</td>
<td>0 - 1775</td>
<td>0 - 850</td>
</tr>
<tr>
<td>66LM</td>
<td>66&quot;</td>
<td>6200</td>
<td>230</td>
<td>66</td>
<td>15</td>
<td>0 - 4100</td>
<td>0 - 2750</td>
<td>0 - 1350</td>
</tr>
</tbody>
</table>

Lifting, capacities are based on optimum conditions. Variables in the materials or magnetic system can affect performance. Material description based on specifications for iron and steel scrap published by the Institute of Scrap Recycling Industries.
MAGNET CONTROLLERS

COMBINATION HYDRAULIC DRIVEN
D.C. GENERATOR AND MAGNET CONTROLLER

D.C. GENERATORS
BELT DRIVEN

D.C. GENERATORS WITH
DIESEL ENGINE

Walker Magnetics
60 Solferino St.
Worcester, MA 01604
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