### Push and Geared Trolley Features
- **Instability and adjustment** by rotating the threaded hanger shaft.
- **Fixed by cam lock placement for through bolt type**.
- **Mechanized cast iron wheels** with universal thread design to fit flat or tapered beam flanges.
- **Low headroom** design with precision sealed "Lubricated for Life" bearings ensure smooth operation.
- **Durable steel construction with standard safety legs meeting requirements of OSHA, ASME B30.16, NASA-STD-8719.9 and EMAS, 98/37/EC, 98/37/EC, 98/37/EC, 98/37/EC.

### Beam Clamp Features
- **Simple installation by hand, no tools required**.
- **Installation and adjustment by rotating the threaded hanger shaft**.
- **Machined cast iron wheels with universal tread design to fit flat or tapered beam flanges**.
- **Compact and portable low headroom design**.

### Technical Specifications and Dimensions (inches and pounds)

#### All Badger Hoist Features
Low headroom. Light weight and durable formed steel enclosures resist from corrosion to hold it to stay in service longer.

#### Internal Parts
Heat treated for strength and reliability. Fully enclosed gearing to protect from contamination. All years and shafts run on sealed roller bearings including the lift wheel which is machined for smooth operation and long life.

#### Waxman Style Mechanical Load Breaks
Self adjusting with double pawls, asbestos-free brake discs and is surrounded by an enclosure to limit contamination.

#### Drop forged alloy hooks
Designed to stretch when overloaded before chain failure and are equipped with a heavy duty load safety latch attached by a bolt and lock nut. The top hook mounting affords to aid in lifting and to ensure straight line loading between hooks.

#### Grade 80 alloy load chain with "gun barrel" black oxide finish.
Each hoist is proof tested at 1.5 times the WLL and shipped with certification of test matching the individual serial number stamped on the nameplate. An operation and spare parts manual is also supplied in English, French and Spanish.

Meets ASME B30, OSHA and NASA-STD-8719.9

Unchecked units and bulk chain are available for customers to make their own custom lift as assembled and tested per ASME B30 before being shipped into service.

Some parts are stocked in USA.

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### Hand Chain Hoist Feature
Hand chain hoist is formed with ratchet allowing operation from side or end above, permitting use for lifting or pulling.

Hand Chain are Zinc Plated

Available in lift of 10, 20 and 30 feet.

### Lever Chain Hoist Feature
Easy One Hand Operation and Set Up - When the lever is in neutral and no load is present the chain hoist is inclined. The chain can be pulled through the hoist by a pull handle for easy set up and load attachment before engaging the selector for pulling. The pull handle acts as a chain brake. Short reach design of a non slip rubber grip lever and the hoist design allows maximum space for operation. The pull handle appers may be held in 20° to 35° less than others.

Operation in any orientation is assured by a fully encased horizontal shape chain guard keeping the load chain in contact with the lift wheel.

Available in lift of 5, 10 and 20 feet.
Outside

**BEAM CLAMP FEATURES**

- The easy way to install a fixed hoist mount or extended flange width adjustment (Order kits separately). Installation and adjustment by rotating the threaded hanger shaft. Durable all steel construction with standard safety lugs. Machined cast iron wheels with universal tread design to fit flat or tapered flanges. Low headroom design with precision sealed "Lubed for Life" bearings for smooth operation.

**SPECIFICATIONS & DIMENSIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>WLL</th>
<th>Range</th>
<th>Flange Width</th>
<th>Wheel Bias or Field Width</th>
<th>Flange Width</th>
<th>Overall Width</th>
<th>Overall Length</th>
<th>Hook Length</th>
<th>Hub Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT10</td>
<td>10t</td>
<td>11.0</td>
<td>2.0/4.0/6.0</td>
<td>3.5/4.0/5.5</td>
<td>3.5/4.0/5.5</td>
<td>20/25</td>
<td>60/70</td>
<td>20/25</td>
<td>2.5</td>
</tr>
<tr>
<td>PT10S</td>
<td>10t</td>
<td>11.0</td>
<td>2.0/4.0/6.0</td>
<td>3.5/4.0/5.5</td>
<td>3.5/4.0/5.5</td>
<td>20/25</td>
<td>60/70</td>
<td>20/25</td>
<td>2.5</td>
</tr>
</tbody>
</table>

- Extended 6-3/8"-12" flange width adjustment (Order kits separately)

- No warping weight can be estimated by adding approximately 10% to WLL.

- Each unit is serialized and supplied with a test certificate and manual in English, French and Spanish.

**BEAM CLAMP OPTIONS:**

- 10t
- 5t
- 3t
- 1t

**Inside**

**ALL BADGER HOIST FEATURES**

Low headroom. Light weight and durable formed steel enclosure resist corrosion from the hoist to stay in service longer.

- Internal parts are heat treated for strength and reliability with fully enclosed gearing to protect from contamination. All years and shafts run on sealed roller bearings including the lift wheel which is machined for smooth operation and long life.

- Weaxed style mechanical load brake is self adjusting with double pawls, asbestos-free brake discs and is surrounded by an enclosure to limit contamination.

- Drop forged Alloy hooks are designed to stretch when overloaded before chain failure and are equipped with a heavy duty load safety latch armed by a bolt and lock nut. The top hook mounting affixtures to aid in lifting and to ensure straight line loading between hooks.

- Grade 80 Alloy load chain with "gun barrel" black oxide finish.

- Each hoist is proof tested at 1.5 times the WLL and shipped with a certification of test matching the individual serial number stamped on the nameplate. An operation and spare parts manual is also supplied in English, French and Spanish.

- Meets ASME B30, OSHA and NASA-STD-8719.8

Unchained units and bulk chain are available for customers to make their own custom lifts if assembled and tested per ASME B30 before being shipped.

Some parts are stocked in USA.

**HAND CHAIN HOIST FEATURE**

Hand chain lifting is formed with radius allowing operation from side or even above, permitting ease of lifting or pulling. Chain is Zinc Plated.

Available in lifts of 10, 20 and 25 feet.

**LEVER CHAIN HOIST FEATURE**

Easy One Hand Operation and Set Up. When the Selector is in neutral and no load is present the chain handle is retracted. The chain can be pulled through the hoist by a pull handle for easy set up and load attachment before engaging the selector for lifting. The pull handle also acts as a check strap. Shortened strobe of a non slip rubber grip lever and the 6" radius diameter rubber jaw are maximum size for operation. The pull force on a 25' lift may be 20 to 35% less than others.

Operation in any orientation is assured by a fully enclosed turnbuckle shape chain guard housing the load chain in contact with the lift wheel.

Available in lifts of 5, 10 and 20 feet.

- Before using these products, read and follow instructions in the operator's manual. Never exceed capacity. Do not use for lifting people or loads over people.

**FROT COVER**

- Shrink wrap weight can be estimated by adding approximately 15% to WLL.

- Each unit is serialized and supplied with a test certificate and manual in English, French and Spanish.

**SPECIFICATIONS & DIMENSIONS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>WLL</th>
<th>Range</th>
<th>Flange Width</th>
<th>Overall Width</th>
<th>Overall Length</th>
<th>Hook Length</th>
<th>Hub Diameter</th>
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</thead>
<tbody>
<tr>
<td>1/2</td>
<td>1T</td>
<td>5T</td>
<td>15T</td>
<td>20T</td>
<td>25T</td>
<td>30T</td>
<td>40T</td>
<td>50T</td>
</tr>
</tbody>
</table>

- Using these products, read and follow instructions in the operator's manual. Never exceed capacity. Do not use for lifting people or loads over people.
Click here for more details and our Catalog.

www.allmaterialhandling.com

For a distributor near you Contact:

PH# (312) 698-...
Outside

**BEAM CLAMP FEATURES**

- Simple installation by hand, no tools required
- Extended 6.3"-12.0" flange width adjustment (Order kits separately)
- Durable all steel construction with standard safety lugs
- Compact and portable low headroom design

**BEAM CLAMP SPECIFICATIONS and DIMENSIONS (inches and pounds)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Flange Width</th>
<th>Flange Dia.</th>
<th>Min. Headroom</th>
<th>Hook Center</th>
<th>Min. Turn</th>
<th>Weight (Lbs)</th>
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</thead>
<tbody>
<tr>
<td>PT3</td>
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<td>6.3</td>
<td>5.6</td>
<td>8.6</td>
<td>0</td>
<td>22</td>
<td>207</td>
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<tr>
<td>PT4V2</td>
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<td>8.6</td>
<td>6.9</td>
<td>10.4</td>
<td>2.3</td>
<td>30</td>
<td>232</td>
</tr>
<tr>
<td>PT4V3</td>
<td>13.5</td>
<td>8.6</td>
<td>6.9</td>
<td>10.4</td>
<td>2.3</td>
<td>30</td>
<td>232</td>
</tr>
<tr>
<td>PT4V3</td>
<td>13.5</td>
<td>8.6</td>
<td>6.9</td>
<td>10.4</td>
<td>2.3</td>
<td>30</td>
<td>232</td>
</tr>
</tbody>
</table>

**BEAM CLAMP OPTIONS**

- Push and Geared Trolley

**BEAM CLAMP USES**

- For a distributor near you Contact:

**SPECIFICATIONS and DIMENSIONS (inches and pounds)**

<table>
<thead>
<tr>
<th>Width</th>
<th>Inside Width</th>
<th>Flange Width</th>
<th>Flange Dia.</th>
<th>Min. Headroom</th>
<th>Hook Center</th>
<th>Min. Turn</th>
<th>Weight (Lbs)</th>
</tr>
</thead>
<tbody>
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<td>15.5</td>
<td>9.2</td>
<td>7.9</td>
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<td>3.0</td>
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<tr>
<td>20.5</td>
<td>17.0</td>
<td>10.6</td>
<td>8.3</td>
<td>11.5</td>
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<td>12.6</td>
<td>9.4</td>
<td>13.0</td>
<td>4.0</td>
<td>30</td>
<td>262</td>
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</tbody>
</table>

**FEATURES**

- The easy way to install a fixed hoist mount or rigging point.
- Simple installation by hand, no tools required
- Extended 6.3"-12.0" flange width adjustment (Order kits separately)
- Durable all steel construction with standard safety lugs
- Compact and portable low headroom design

**ALL BADGER HOIST FEATURES**

Low Headroom, Light weight and durability form steel enclosure protects from contamination to host to stay in service longer.

Internal parts are heat treated for strength and reliability with fully enclosed gearing to protect from contamination. All years and shifts run on oiled roller bearings including the lift wheel which is machined for smooth operation and long life.

Waxen style mechanical load brakes is self adjusting with double pawls, absrae-free brake discs and is surounded by an enclosure to limit contamination.

Deep forged Alloy hooks are designed to stretch when overloaded before chain failure and are equipped with a heavy duty cast steel safety latch attached by a bolt and lock nut. The top hook mounting affilites to aid in lifting and help ensure straight free loading between hooks.

Grade 80 Alloy load chain with "gun barrel" black oxide finish.

Each hoist is proof tested at 1.5 times the WLL and shipped with a certification of test matching the individual serial number stamped on the nameplate. An operation and spare parts manual is also supplied in English, French and Spanish.

Meets ASME B30, OSHA and NASA-STD-8719.9

Unchained units and bulk chain are available for customers to make their own custom lifts if assembled and loaded per ASME B30 before being shipped into service.

Some parts are stocked in USA.

**HAND CHAIN HOIST FEATURE**

Hand chain operation is formed with ruous allowing operation from side or even above, permitting ease of lifting or pulling.

Hand Chains are Zinc Plated

Available in lift of 18, 29 and 36 feet

**LEVER CHAIN HOIST FEATURE**

Easy One Hand Operation and Set Up.

- When the lever is in neutral and no load is present then the chain mode is engaged. The chain can be pulled through the hoist by a pull handle for easy set up and load attachment before engaging the selector for operation.

The pull handle acts as a chain brake. Should one handle become a non lift rubber grip lever and the (H) position releases the jack pin for normal operation. Further pull on the lever will yield 31% less chain speed.

Operation in any orientation is assured by a fully enclosed handwheel shape chain guard bearing the chain in contact with the lift wheel.

Available in lifts of 5, 10 and 20 feet

**OPTIONS**

- Extended 6.3"-12.0" flange width adjustment (Order kits separately)
- Low headroom design with precision sealed "Lubed for Life" bearings ensure smooth operation
- Durable all steel construction with standard safety lugs
- Compact and portable low headroom design