UltiRail™ Manipulator Features

**Superior Performance and Safety**

- **Chain Hoist:** Electric or Pneumatic
- **Ball Screw:** Electric or Pneumatic

- Designed to reach under obstructions and into work areas
- Custom end-effectors easily adapt to each machine with standard flange mount
- Pilot operated lock valves on clamp cylinders prevent loss of payload if supply pressure is interrupted
- Custom-designed controls for optimal user comfort and efficiency
- Safety circuit and brakes prevent unwanted downward movement
- Quiet operation
- Inherent machine qualities provide precise product placement
- Anti-drift brakes prevent unwanted movement when machine is not in use
- Low-maintenance system
- Easy installation

**Manipulative behavior you’ll thank us for.**

**Exceptional Quality**

- Durable powder coated finish
- Sealed precision bearings provide long life, smooth motion and less maintenance
- Engineered for minimal deflection
- Designed with 3D modeling software for customer pre-approval and manufacturing reliability
- Ball screw technology ensures reliability and machine longevity
- Chain hoist provides reliable and proven lifting solutions

Scan with your SmartPhone to learn about our full product line.
UltiRail™ Manipulator Arms

Easily accommodate up to 2500 lbs. with the UltiRail industrial manipulator arm. The UltiRail is an optimal lift assist system when there is limited horizontal reach but maximum vertical travel is desired. Regardless of product weight variations, no adjustments are required to handle variable payloads. This robust low-maintenance machine provides rigid and reliable solutions.

Versatile mounting options and customized capabilities allows this system to fit into any work environment.

Customization to machine and/or end-effector will accommodate virtually any product, weight or application.

Mounting Options:
- Floor pedestal
- Fixed overhead
- Overhead trolley
- Building column
- Portable base

Custom End-Effectors:
- Gripper
- Probe
- Vacuum
- Clamp
- Hook

*CH denotes Chain Hoist, BS denotes Ball Screw

## UltiRail Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight Capacity Lbs.</th>
<th>Maximum Horizontal Reach Feet</th>
<th>Maximum Vertical Travel Feet</th>
<th>Controls</th>
<th>Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 CH</td>
<td>200 lbs.</td>
<td>10’</td>
<td>8’</td>
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<tr>
<td>200 BS</td>
<td>200 lbs.</td>
<td>10’</td>
<td>8’</td>
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</tr>
<tr>
<td>400 CH</td>
<td>400 lbs.</td>
<td>10’</td>
<td>6’</td>
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<tr>
<td>400 BS</td>
<td>400 lbs.</td>
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<tr>
<td>650 CH</td>
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<td>650 BS</td>
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<tr>
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<tr>
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<tr>
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</tr>
<tr>
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<td>4’</td>
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</tr>
<tr>
<td>2500 BS</td>
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<td>4’</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

100% Designed, Manufactured & Assembled in USA

123 Memorial Drive NW • P.O. Box 65 • Hoffman, MN 56339
Phone 320-986-2194 • Fax 320-986-2193
sales@advancedmanipulator.com www.advancedmanipulator.com