Variable-speed air wire rope hoist positions loads accurately without electronics.

Lift loads safely in hazardous environments.
Minimize sparking, static and electrical hazards with this air-powered hoist.
- Eliminate electric motor dangers by using air motors for both hoist and trolley.
- Lift with confidence in dusty and volatile environments by using spark resistant components:
  - Stainless steel wire rope
  - Bronze bottom block and hook
  - Copper-Beryllium or Micarta trolley wheels
  - Rubber bumpers
- Operate hoist in remote locations without electrical service.

Increase clearance under hoist without increasing crane height.
Air hoist requires just 16" of beam-to-hook clearance (headroom).
- Raise molds and tooling further from production machinery during changeovers.
- Maximize overhead clearance as products are positioned in paint and spray booths.
- Extend clearance under baskets when lifting over dip tank side walls.
- Minimize motor and pump service crane heights.

Raise and lower loads with precision.
Variable speed operation is affordable with pneumatic controls.
- Slowly lower assemblies and mold sections into place with variable speed rope controls.
- Position loads from a distance and gradually start trolleys with variable speed lever pendants.
- Adjust the lift speed as required without being limited to one or two preset speeds.

1-ton M55 hoist with push trolley and variable-speed rope control

THIS EQUIPMENT IS NOT TO BE USED FOR LIFTING OR SUPPORTING PEOPLE.
**STANDARD FEATURES:**
- Moderate service (H3) hoist
- Accessible in-line gear train
- Mechanical load brake
- Rotary vane air motor
- Emergency upper limit switch
- Single-reewed
- Variable speed rope control on lug mounted and push trolley models
- 4-button single-speed air push-button pendant on motorized trolley units
- Lug mounted

**OPTIONAL FEATURES:**
- Manual and motorized trolleys
- Air motor brake
- Upper and lower hook position limit switch
- Single-speed push-button pendant
- Variable speed lever pendant
- Spark-resistant features
- Weather-resistant finishes and components

**Technical Specifications**

<table>
<thead>
<tr>
<th>Load Capacity (lbs.)</th>
<th>Model Number</th>
<th>Lift Height (ft.)</th>
<th>Lift Speed (ft./min.)</th>
<th>Reference Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000</td>
<td>10AW</td>
<td>40</td>
<td>35</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>10AL</td>
<td>50</td>
<td>35</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>10ADL</td>
<td>100</td>
<td>35</td>
<td>3</td>
</tr>
<tr>
<td>2,000</td>
<td>20AW</td>
<td>40</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>20AL</td>
<td>50</td>
<td>16</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>20ADL</td>
<td>100</td>
<td>16</td>
<td>3</td>
</tr>
<tr>
<td>4,000</td>
<td>40AW</td>
<td>20</td>
<td>8</td>
<td>4</td>
</tr>
</tbody>
</table>

Information on other models available from a David Round representative.

**Dimensions**

<table>
<thead>
<tr>
<th>Reference Number</th>
<th>Lug</th>
<th>Push Trolley</th>
<th>Motorized Trolley</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Headroom A (in.)</td>
<td>Weight (lbs.)</td>
<td>Headroom A (in.)</td>
</tr>
<tr>
<td>1</td>
<td>16</td>
<td>130</td>
<td>18-1/4</td>
</tr>
<tr>
<td>2</td>
<td>16</td>
<td>280</td>
<td>18-1/4</td>
</tr>
<tr>
<td>3</td>
<td>16</td>
<td>300</td>
<td>18-1/4</td>
</tr>
<tr>
<td>4</td>
<td>20-1/2</td>
<td>165</td>
<td>22-3/8</td>
</tr>
</tbody>
</table>

Special configurations and designs are available.

**THIS EQUIPMENT IS NOT TO BE USED FOR LIFTING OR SUPPORTING PEOPLE.**