**“700” SERIES**

For the best results, use a Custom Hoists single-acting telescopic cylinder to meet today’s rigid application requirements. Our quality features include:

- **Threaded** headnuts for added strength and field seal adjustment
- **Operating Pressure** up to 3,000 PSI
- **Beveled** stop rings and plunger stops for plunger centering
- **Stock Models** inventoried at six warehouse locations throughout the U.S. to meet your immediate requirements.
- **Custom Products** are shipped on schedule, when you want it.
- **Easy to order**, toll-free telephone and fax numbers
- **PLUS**, lifting capacity unsurpassed by other major brands in the industry and a Two Year Warranty

**TELESCOPIC SINGLE acting CYLINDER**

**CUSTOM HOISTS, INC.**

ISO 9001 Registered Company

P.O. Box 98, Hayesville, Ohio 44838
Phone 419.368.4721 • 1.800.837.4668
FAX 419.368.3209 • 1.800.224.6478
www.customhoists.com
Custom Hoists' single-acting telescopic cylinders feature a number of benefits to perform in today's rigid applications. We use high-strength DOM tubing throughout the cylinder to work in applications with system pressures up to 3,000 PSI. Available to meet specific demands are 2-1/4" through 7" plunger diameters with strokes up to 200" and two through four moving stages. Our cylinders also have adjustable v-packing to seal high and low pressure. Threaded headnuts for extra strength and field seal adjustment, dual lip wipers to prevent contamination entry, beveled plunger stops and stop rings for plunger centering, unsurpassed lifting capacity and an easy access manual bleeder valve. Custom Hoists offers a variety of end mountings and either standard NPTF or SAE o-ring ports to match specific requirements.

Available on request are hard chrome-plated or nitrided plungers and automatic bleeder valves. Take a look at our line and provide us with the basic seven specifications listed below. We will design a cylinder to make your job easier every day, while performing for years at a competitive price.

### Individual Plunger Lifting Capabilities

<table>
<thead>
<tr>
<th>Plunger Diameter (IN.)</th>
<th>Cross Sectional Area (SQ. IN.)</th>
<th>1,500 PSI (LBS.)</th>
<th>1,800 PSI (LBS.)</th>
<th>2,000 PSI (LBS.)</th>
<th>2,500 PSI (LBS.)</th>
<th>3,000 PSI (LBS.)</th>
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<tbody>
<tr>
<td>2 1/4</td>
<td>3.97</td>
<td>5,955</td>
<td>7.146</td>
<td>7.940</td>
<td>9.525</td>
<td>11.910</td>
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<tr>
<td>3 3/16</td>
<td>7.99</td>
<td>11,770</td>
<td>14,564</td>
<td>15,966</td>
<td>18,350</td>
<td>23,940</td>
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<tr>
<td>4 1/4</td>
<td>13.36</td>
<td>20,040</td>
<td>24,648</td>
<td>26,720</td>
<td>33,400</td>
<td>40,000</td>
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<td>5 1/16</td>
<td>20.78</td>
<td>30,195</td>
<td>36,224</td>
<td>40,260</td>
<td>50,325</td>
<td>60,350</td>
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<td>6</td>
<td>26.27</td>
<td>42,445</td>
<td>50,166</td>
<td>56,540</td>
<td>70,575</td>
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<tr>
<td>7</td>
<td>38.48</td>
<td>57,720</td>
<td>65,264</td>
<td>76,960</td>
<td>96,211</td>
<td>consult factory</td>
</tr>
</tbody>
</table>

### Seven Basic Specs:

Application • Closed Length • Length of Stroke • Mounting Options
Maximum Load • System Working Pressure • System Flow G.P.M.