Hydraulic Production Vises

- Innovative compact design
- Internal hydraulics
- 4,700 lbs (2,100 kg) clamping force
- Operates on lower input pressure
- Fully machinable jaws
- Fastest quick-change jaw system
- Hardened and ground steel wear rails
- Easy-Flow™ base design

Jergens hydraulic vises are available in 3 different base configurations. They offer the same unique features as Jergens manual vises.

Technical Specifications:
Hydraulic Clamping Stroke: 1/4” (6.3mm)
Operating Volume: 0.4 Cu In (6.7 cm³)
Maximum Input Pressure: 4000 P.S.I. (275 bar)
Minimum Input Pressure: 500 P.S.I. (35 bar)
Input Port: #4 SAE (7/16-20 UNF-2B)

Clamping Force (lbs) = Input Pressure x 1.19
Clamping Force (kg) = Input Pressure Bars x 7.67

Operation:
Using the Jergens Hydraulic Vise handle part number 49445, tighten vise jaws so the workpieces touch the fixed jaw. Next, turn the handle back 1/2 turn and activate the hydraulic cylinder. Handle included with vise.

Note: Only use the Jergens Hydraulic Vise Handle Part No. 49445 for adjustment purpose, do not use to operate vise.

Hydraulic Power Sources Available

<table>
<thead>
<tr>
<th>Input Pressure</th>
<th>Clamping Force</th>
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<tbody>
<tr>
<td>PSI</td>
<td>Bars</td>
</tr>
<tr>
<td>500</td>
<td>35</td>
</tr>
<tr>
<td>1,000</td>
<td>70</td>
</tr>
<tr>
<td>2,000</td>
<td>140</td>
</tr>
<tr>
<td>3,000</td>
<td>210</td>
</tr>
<tr>
<td>4,000</td>
<td>275*</td>
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*Recommended Maximum