HP60 & HP110

FULLY PORTABLE PUNCHES PRODUCE SMOOTH PRECISE HOLES IN SECONDS

Available in two models with 35 ton and 47 ton capacities, Steelmax Portable Hydraulic Punches are ideal solutions to speed the production of holes and slots in beam flanges, angle, channel, plates and bar stock. The Double Action design minimizes cycle times and, coupled with high portability, promotes reduced material handling generating highly efficient hole production compared to other processes.

Primary features and benefits:

• Maximum Hole Diameter 1-1/16” (27 mm)
• Double Action Design Prevents Punch Binding and Speeds Retraction
• Intelligent Control System with Automatic Load Detection and Mode Indicator Light
• Rugged Forged Steel “C” Frame for Strength and Durability
• Fully Portable Punch and Pump Package Reduces Material Handling
• Optional Free Standing Base with Foot Pedal permits Bench Top Operation

HP60/HP110 Round Hole Capacities
(60,000 PSI Shear Strength Material)

<table>
<thead>
<tr>
<th>Plate Thickness</th>
<th>1/16</th>
<th>1/8</th>
<th>3/16</th>
<th>1/4</th>
<th>5/16</th>
<th>3/8</th>
<th>7/16</th>
<th>1/2</th>
<th>9/16</th>
<th>5/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP60’</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>13/16</td>
<td>3/4</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>HP110’</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1-1/16</td>
<td>1</td>
<td>7/8</td>
<td>3/4</td>
</tr>
</tbody>
</table>

1. HP 60 maximum plate thickness is 1/2”
2. HP 110 maximum plate thickness is 5/8”

The tools of innovation.

877-833-5629    www.steelmax.com
## TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Portable Double-Action Hydraulic Punch</th>
<th>SM-HP60</th>
<th>SM-HP110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. throat depth</td>
<td>2-3/8&quot; (60 mm)</td>
<td>4-5/16&quot; (110 mm)</td>
</tr>
<tr>
<td>Max. hole*</td>
<td>1-1/16&quot; (Ø 27 mm)</td>
<td>1-1/16&quot; (Ø 27 mm)</td>
</tr>
<tr>
<td>Max. oblong hole</td>
<td>25 x 18 mm</td>
<td>25 x 18 mm</td>
</tr>
<tr>
<td>Punch cycle time</td>
<td>5 sec</td>
<td>8 sec</td>
</tr>
<tr>
<td>Max. plate thickness*</td>
<td>1/2&quot; (13 mm)</td>
<td>5/8&quot; (16 mm)</td>
</tr>
<tr>
<td>Punch power</td>
<td>35 ton</td>
<td>47 ton</td>
</tr>
<tr>
<td>Working pressure</td>
<td>10,000 psi</td>
<td>10,000 psi</td>
</tr>
<tr>
<td>Weight</td>
<td>44 lbs (20 kg)</td>
<td>77 lbs (35 kg)</td>
</tr>
</tbody>
</table>

*See round hole capacity chart on previous page.

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### Portable hydraulic power pack with shelf for punch transport SM-HP700

<table>
<thead>
<tr>
<th>Power supply*</th>
<th>230V/50Hz; 115V/60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor power</td>
<td>1500 W</td>
</tr>
<tr>
<td>Working pressure</td>
<td>10,000 psi</td>
</tr>
<tr>
<td>Pump output</td>
<td>1.5 L/min</td>
</tr>
<tr>
<td>Oil capacity</td>
<td>10 L</td>
</tr>
</tbody>
</table>

*Contact Steelmax for other voltage options

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**Ready to work in both vertical and horizontal positions**

**Ergonomic location of “quick-connect” ports at the rear of unit**

**Spring balancers available for both machines SM-BLN-000005**

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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

| 877-833-5629 | STEELMAX.COM | sales@Steelmax.com | Fax: 303-690-9172 |

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All information is subject to change without notice.
Optional Accessories

Free Standing Base for Punch  SM-ZST-0507-91-00-00-0
With Foot Petal Activation for bench top operation

Wheeled Carriage for Punch  SM-PRW-0507-90-00-00-0
Permits smooth and efficient lineal movement along the work piece.

HOLE DIAMETER | DECIMAL EQUIVALENT | PUNCH PART # | DIE PART#
---|---|---|---
5/16 | 0.3125 | SM-HP-P-0313 | SM-HP-D-0313
3/8 | 0.3750 | SM-HP-P-0375 | SM-HP-D-0375
7/16 | 0.4375 | SM-HP-P-0438 | SM-HP-D-0438
1/2 | 0.5000 | SM-HP-P-0500 | SM-HP-D-0500
9/16 | 0.5625 | SM-HP-P-0563 | SM-HP-D-0563
5/8 | 0.6250 | SM-HP-P-0625 | SM-HP-D-0625
11/16 | 0.6875 | SM-HP-P-0688 | SM-HP-D-0688
3/4 | 0.7500 | SM-HP-P-0750 | SM-HP-D-0750
13/16 | 0.8125 | SM-HP-P-0813 | SM-HP-D-0813
7/8 | 0.8750 | SM-HP-P-0875 | SM-HP-D-0875
15/16 | 0.9375 | SM-HP-P-0938 | SM-HP-D-0938
1 | 1.0000 | SM-HP-P-1000 | SM-HP-D-1000
1 1/16 | 1.0625 | SM-HP-P-1063 | SM-HP-D-1063

Slot sizes in stock. Other sizes available by special order.

Overhead Support for Punch  SM-ZUR-0517-15-00-00-0
Integrated overhead boom support allows for easy manipulation of punch and power pack as single unit.

Punches & dies

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