Hand-Operated Hydraulic Presses

Our most popular press model.

features

- **Hand operation** for economical performance.
- **Rapid ram return** starts as soon as release valve is opened and may be stopped at any point by closing the valve.
- **By-pass hole** prevents excessive ram extension.
- **Adjustable table** permits easy vertical movement by means of self-locking hoist.
- **Rapid screw traverse of ram** permits quick, easy movement of the ram by means of a convenient handwheel.
- **Movable workhead** is roller mounted on ball bearings for off-center positioning (except 25H).

specifications

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>capacity</th>
</tr>
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<tbody>
<tr>
<td>25H</td>
<td>07001</td>
<td>25</td>
</tr>
<tr>
<td>50H</td>
<td>07002</td>
<td>50</td>
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<tr>
<td>75H</td>
<td>07003</td>
<td>75</td>
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<tr>
<td>150H</td>
<td>07005</td>
<td>150</td>
</tr>
</tbody>
</table>

Specifications subject to change without notice.
## Standard Presses

For more information call 800-937-3253

### Models

- **25H**
  - 25 ton capacity

- **50H**
  - 50 ton capacity

- **75H**
  - 75 ton capacity

- **150H**
  - 150 ton capacity

### Standard Equipment

- Frame
- Workhead
- Two forged steel V-blocks
- Two forged steel table plates
  (25 ton model has two combination table plates with V-blocks)
- Flat ram nose
- V-ram nose (N/A on 25 ton model)
- Pressure gauge
- Self-locking table hoist

### Table

<table>
<thead>
<tr>
<th>Width between uprights</th>
<th>Width between table channels</th>
<th>Minimum ram to table</th>
<th>Maximum ram to table</th>
<th>Ram travel</th>
<th>Horizontal workhead travel</th>
<th>Screw travel</th>
<th>Base</th>
<th>Height</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
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<td>Inches</td>
<td>Pounds</td>
</tr>
<tr>
<td>33 1/2</td>
<td>5 5/16</td>
<td>4</td>
<td>39</td>
<td>5</td>
<td>5</td>
<td>42 1/2 x 30</td>
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<td>450</td>
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<tr>
<td>32 3/4</td>
<td>7 1/4</td>
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<td>40</td>
<td>4</td>
<td>20 3/4</td>
<td>43 1/2 x 36</td>
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<td>810</td>
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<tr>
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<td>36</td>
<td>4 1/2</td>
<td>29 3/4</td>
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<td>27 1/4</td>
<td>66 x 42</td>
<td>95</td>
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<td></td>
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</table>

*Width and weight are approximate.*
Air-Operated Hydraulic Presses

Takes all the physical effort out of hand pumping. Can double pressing speed.

features

- **Air operation** eliminates the need for hand pumping.
- **Rapid ram approach** quickly moves ram to work to save production time.
- **Safety valve** protects against overloads.
- **Stroke indicator** ensures accurate ram control.
- **Movable workhead** is roller mounted on ball bearings for off-center work.
- **By-pass hole** eliminates excessive ram extension.
- **Dual air pumps**, for faster pressing speeds, available on some models.
- **Adjustable table** permits easy vertical movement by means of self-locking hoist.

specifications

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>capacity</th>
<th>ram speed advance</th>
<th>ram speed press</th>
<th>number of pumps</th>
<th>air pressure</th>
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<td>90-125</td>
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<td>06900</td>
<td>200</td>
<td>22</td>
<td>2</td>
<td>2</td>
<td>90-125</td>
</tr>
</tbody>
</table>

*Slows Down Under Load

Specifications subject to change without notice.
models

6-225
- 25 ton capacity
- Single pump

6-425
- 25 ton capacity
- Dual pumps

6-250
- 50 ton capacity
- Single pump

6-475
- 75 ton capacity
- Dual pumps

standard equipment

- Frame
- Workhead
- Two forged steel V-blocks

- Two forged steel table plates
- Flat ram nose
- V-ram nose (N/A on 25 ton model)

- Stroke indicator
- Pressure gauge
- Safety relief valve
- Self-locking table hoist

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>width between uprights</td>
<td>width between table channels</td>
<td>minimum ram to table</td>
<td>maximum ram to table</td>
<td>ram travel</td>
<td>horizontal workhead travel</td>
<td>base</td>
<td>height</td>
<td>weight</td>
</tr>
<tr>
<td>inches</td>
<td>inches</td>
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<td>inches</td>
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</table>
Elec-draulic I
Hydraulic Presses
An advanced design, single-acting press with fingertip control.

**features**

- **Electric operation** provides smooth, consistent pressing action.
- **Single-acting cylinder** provides fast, reliable pressing and internal spring return.
- **Rapid ram approach** quickly moves ram to work to save production time.
- **Variable ram speed** allows fingertip control of ram movement for precise pressure control.
- **Movable workhead** is roller mounted on ball bearings for off-center work.
- **Rapid ram return** starts ram return as soon as release valve is opened and may be stopped at any point by closing the valve.
- **Safety valve** protects against overloads.
- **Stroke indicator** ensures accurate ram control.
- **Adjustable table** permits easy vertical movement by means of self-locking hoist.

**specifications**

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>capacity</th>
<th>horsepower</th>
<th>rpm</th>
<th>ram speed</th>
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<td>tons</td>
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<td>press</td>
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<td>16</td>
<td>2 3/4</td>
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</tr>
</tbody>
</table>

Specifications subject to change without notice.

Model 5075 Shown
#### Models

- **5-025**
  - 25 ton capacity
- **5-050**
  - 50 ton capacity
- **5-075**
  - 75 ton capacity
- **5-150**
  - 150 ton capacity
- **5-200**
  - 200 ton capacity

#### Standard Equipment
- Frame
- Workhead
- Two forged steel V-blocks
- Two forged steel table plates
- Flat ram nose
- V-ram nose
- Motor
  - 2, 3 hp
  - 230/460-3-60
- Stroke indicator
- Pressure gauge
- Safety relief valve
- Self-locking table hoist

<table>
<thead>
<tr>
<th>Width between uprights (inches)</th>
<th>Width between table channels (inches)</th>
<th>Minimum ram to table (inches)</th>
<th>Maximum ram to table (inches)</th>
<th>Ram travel (inches)</th>
<th>Horizontal workhead travel (inches)</th>
<th>Base travel (inches)</th>
<th>Height (inches)</th>
<th>Weight (pounds)</th>
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<td>7 1/4</td>
<td>5</td>
<td>40</td>
<td>10</td>
<td>14 3/4</td>
<td>43 1/2 x 36</td>
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<td>32 3/4</td>
<td>7 1/4</td>
<td>5</td>
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<td>10</td>
<td>14 3/4</td>
<td>43 1/2 x 36</td>
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<td>1,320</td>
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<td>24</td>
<td>55 1/2 x 36</td>
<td>86</td>
<td>1,650</td>
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<tr>
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<td>12 3/4</td>
<td>10</td>
<td>30</td>
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<td>24 3/4</td>
<td>66 x 42</td>
<td>95</td>
<td>3,000</td>
</tr>
<tr>
<td>48</td>
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<td>6</td>
<td>30</td>
<td>16</td>
<td>22 3/4</td>
<td>64 x 48</td>
<td>100</td>
<td>4,380</td>
</tr>
</tbody>
</table>
Elec-draulic II

Hydraulic Presses

For super-sensitive, double-acting ram control and simple operation.

**features**

- **Electric operation** provides smooth, consistent pressing action.
- **Double-acting cylinder** permits pulling as well as pressing ram action.
- **Variable ram speed** allows fingertip control of ram movement for precise pressure control.
- **Safety valve** protects against overloads.
- **H-frame mounted control** allows convenient control of press when workhead is out of operator's reach.
- **T-ring seals** prevent pressure loss.
- **Adjustable table** permits easy vertical movement by means of self-locking hoist.
- **Optional bolt flange** for tooling attachment may be substituted for flat ram nose.

**specifications**

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>capacity</th>
<th>horsepower</th>
<th>rpm</th>
<th>ram speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(tons)</td>
<td>press</td>
<td>pull</td>
<td></td>
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<td>1,800</td>
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<td>78</td>
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</table>

Specifications subject to change without notice.
models

8-025
- 25 ton capacity

8-050
- 50 ton capacity

8-075
- 75 ton capacity

8-080
- 75 ton capacity
- Rapid ram approach and return

8-150
- 150 ton capacity

8-200
- 200 ton capacity

standard equipment

- Frame
- Double-acting workhead
- Two forged steel V-blocks
- Two forged steel table plates
- Flat ram nose
- Motor
  - 2, 7½, 10hp
  - 230/460-3-60
- Pump
- Pressure gauge
- Safety relief valve
- 4-way throttling valve
- Self-locking table hoist

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>J</th>
<th>K</th>
<th>L</th>
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<tbody>
<tr>
<td>width between uprights</td>
<td>width between table channels</td>
<td>minimum ram to table</td>
<td>maximum ram to table</td>
<td>ram travel</td>
<td>base</td>
<td>height</td>
<td>weight</td>
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<td>inches</td>
<td>inches</td>
<td>pounds</td>
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<tr>
<td>32 3/4</td>
<td>7 1/4</td>
<td>11 3/4</td>
<td>46 3/4</td>
<td>10</td>
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<td>45 3/8</td>
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<td>43 1/2 x 36</td>
<td>86</td>
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<td>7</td>
<td>37 3/8</td>
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<td>55 1/2 x 36</td>
<td>86</td>
<td>1,950</td>
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<tr>
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<td>10</td>
<td>55 1/2 x 36</td>
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<td>11 3/4</td>
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<td>66 x 42</td>
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<tr>
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<td>106</td>
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</table>

For more information call 800-937-3253
Hydraulic Tire Presses

Removes tires from wheels quickly and easily.

features

- **150 ton capacity** for handling large tires.
- **Large 7¾” ram** provides platen stability and longer seal life.
- **Upper movable head channel** provides 15” of travel for easy set-up.
- **Easily removable pins** allow head channel to be set in four different positions.
- **Pressing rings** in diameters and face widths for all standard tire sizes. Contact factory for availability.
- **Eliminates outside servicing delays** and truck downtime.

specifications

<table>
<thead>
<tr>
<th>model</th>
<th>capacity</th>
<th>motor horsepower</th>
<th>ram speed</th>
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<td>tons</td>
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<td>inches per minute</td>
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<tr>
<td></td>
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<td>advance</td>
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<tr>
<td>33-493</td>
<td>Electric Powered</td>
<td>150</td>
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<tr>
<td>33-587</td>
<td>Air Powered</td>
<td>150</td>
<td>—</td>
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<tr>
<td>33-400</td>
<td>Gasoline Powered</td>
<td>150</td>
<td>8¼</td>
</tr>
</tbody>
</table>

*Air Unit Equipped with Rapid Advance–30 I.P.M. Pressing Speed Rated At No Load–Slows Down With Load.

**Limit Switch Stops Ram At End Of Stroke.

Specifications subject to change without notice.
**models**

- **33-493**
  - electric powered

- **33-587**
  - air powered

- **33-400**
  - gasoline powered

**optional equipment**

- Larger capacities available upon request
- Additional ram stroke
- Special frame sizes
- Different size pressing rings

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G x H</th>
<th>weight</th>
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</thead>
<tbody>
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<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
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<td>pounds</td>
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<tr>
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<td>12**</td>
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<td>80</td>
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<td>36</td>
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<td>15</td>
<td>25</td>
<td>80</td>
<td>66 x 42</td>
<td>3,350</td>
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<td>36</td>
<td>30</td>
<td>12</td>
<td>15</td>
<td>25</td>
<td>80</td>
<td>58 x 56</td>
<td>3,500</td>
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</table>
Movable Table Hydraulic Presses

Table rolls out to load heavy or awkward work, then returns easily into pressing position.

**features**

- **Movable table** allows overhead loading of heavy workpieces.
- **Adjustable workhead height** provides maximum daylight for oversized work.
- **Heavy-duty hoist** easily raises and lowers workhead.
- **Toggle clamps** lock table securely in place.

**options**

- **Table plates**
- **V-blocks**

**specifications**

<table>
<thead>
<tr>
<th>model</th>
<th>operation</th>
<th>capacity</th>
<th>ram speed</th>
<th>horsepower</th>
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<tr>
<td></td>
<td>press</td>
<td>table</td>
<td>advance</td>
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<td></td>
<td>tons</td>
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<td>per minute</td>
<td>per minute</td>
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*Slows Down Under Load

Specifications subject to change without notice.

*Model 42-502 Shown*
# Standard Presses

For more information call 800-937-3253

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>42-300</strong></td>
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<tr>
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<td><strong>42-400</strong></td>
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<td><strong>42-403</strong></td>
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<td>Elec-draulic I</td>
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<tr>
<td><strong>42-503</strong></td>
<td>150 ton capacity</td>
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<tr>
<td></td>
<td>Elec-draulic II</td>
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## Specifications

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<th>C/D</th>
<th>E/H</th>
<th>I/J</th>
<th>K/L</th>
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<td>width between table channels</td>
<td>minimum ram to table</td>
<td>maximum ram to table</td>
<td>ram travel</td>
</tr>
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<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
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<tr>
<td>-------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>32 1/4</td>
<td>7 1/4</td>
<td>7</td>
<td>37</td>
<td>10</td>
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<tr>
<td>32 1/4</td>
<td>7 1/4</td>
<td>12 1/4</td>
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</tr>
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<td>32 1/4</td>
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<td>10 3/8</td>
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<td>32 1/4</td>
<td>7 1/4</td>
<td>10 3/8</td>
<td>40 1/2</td>
<td>10</td>
</tr>
<tr>
<td>32 1/4</td>
<td>7 1/4</td>
<td>14</td>
<td>44</td>
<td>10</td>
</tr>
<tr>
<td>44</td>
<td>8 1/4</td>
<td>11 3/4</td>
<td>41 1/4</td>
<td>10</td>
</tr>
<tr>
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<td>43 1/3</td>
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<tr>
<td>48</td>
<td>12 1/4</td>
<td>14 3/4</td>
<td>64 1/4</td>
<td>16</td>
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<td>48</td>
<td>12 1/4</td>
<td>14 3/4</td>
<td>64 1/4</td>
<td>16</td>
</tr>
<tr>
<td>48</td>
<td>12 1/4</td>
<td>15 1/2</td>
<td>65 1/2</td>
<td>16</td>
</tr>
</tbody>
</table>
Utility Hydraulic Presses

The power of hydraulic pressure in a compact design.

**features**

- **Fast, efficient** single speed hand pump with adjustable mounting for maximum ergonomic operation.
- **Large diameter, single acting polished piston** with internal spring return to eliminate external pinch points.
- **Convenient top mounted gauge** reads in tons and psi to monitor pressure.
- **The hydraulic pressing cylinder** can be relocated right or left of center for unusual work pieces.
- **Table can be adjusted** for maximum or minimum vertical opening to accommodate a variety of work pieces and to minimize required ram travel.

**specifications**

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>operation</th>
<th>capacity</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-10</td>
<td>72200</td>
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<tr>
<td>F-10</td>
<td>72210</td>
<td>manual</td>
<td>10</td>
<td>225</td>
</tr>
</tbody>
</table>

Specifications subject to change without notice.
STANDARD PRESSES

For more information call 800-937-3253

models

B-10
- 10 ton capacity
- bench mounted

F-10
- 10 ton capacity
- floor mounted

standard equipment

- Frame
- Combination table plates and V-blocks
- Flat ram nose
- Step reduced ram nose (shown)

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>width between uprights</td>
<td>width between table channels</td>
<td>minimum ram to table</td>
<td>maximum ram to table</td>
<td>ram travel</td>
<td>base</td>
<td>height</td>
<td></td>
</tr>
<tr>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
<td></td>
</tr>
<tr>
<td>16¾</td>
<td>3</td>
<td>4</td>
<td>16</td>
<td>6</td>
<td>23x18</td>
<td>36</td>
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</tr>
<tr>
<td>16¾</td>
<td>3</td>
<td>0·4</td>
<td>38</td>
<td>6</td>
<td>24x28</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>
Dura-Press
Hydraulic Presses

Affordable, easy to use, heavy duty.

**features**

- **Simple, single acting cylinder** design with 5-part oil seals for smooth operation and a tight seal.

- **Welded heavy steel plate frame** for greater rigidity.

- **Efficient hand pump** is conveniently located to reduce operator fatigue.

- **Each full stroke** of the pump advances the ram ½”.

- **Preset and factory-sealed** relief valve to prevent exceeding pressure capacity.

**specifications**

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
<th>capacity</th>
<th>horsepower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Force 10</td>
<td>72001</td>
<td>10</td>
<td>Manual</td>
</tr>
<tr>
<td>Force 20</td>
<td>72002</td>
<td>20</td>
<td>Manual</td>
</tr>
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</table>

Specifications subject to change without notice.
models

**Force 10**
- 10 ton capacity
- Manual

**Force 20**
- 20 ton capacity
- Manual

standard equipment

- Frame
- Cylinder
- 2 forged steel table plates
- Gauge

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>width between uprights</strong></td>
<td><strong>width between table channels</strong></td>
<td><strong>minimum ram to table</strong></td>
<td><strong>maximum ram to table</strong></td>
<td><strong>ram travel</strong></td>
<td><strong>base</strong></td>
<td><strong>height</strong></td>
<td><strong>weight</strong></td>
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<td>inches</td>
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<td>36</td>
<td>6</td>
<td>31x19</td>
<td>71</td>
<td>350</td>
</tr>
<tr>
<td>20</td>
<td>4</td>
<td>4½</td>
<td>34½</td>
<td>6</td>
<td>31x19</td>
<td>71</td>
<td>485</td>
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</tbody>
</table>
Dura-Press Hydraulic Presses

Designed to work the way you do.

Features

- **Electric power unit** has convenient single phase, 110 volt operation for greater portability.
- **Sturdy, welded channel iron frame** for durability.
- **Lever control ram advance** for easy operation.
- **Double acting cylinder** allows for convenient positioning of ram.
- **One hand ram positioning** with 4-way valve hydraulic control.
- **Quiet, low pressure hydraulic components** for greater efficiency and smooth pressing.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Number</th>
<th>Capacity</th>
<th>Return</th>
<th>Horsepower</th>
<th>RPM</th>
<th>Ram Speed</th>
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<tr>
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<td>1</td>
<td>1,725</td>
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</tbody>
</table>

Specifications subject to change without notice.

Model Force 10DA Shown
models

**Force 10DA**
- 10 ton capacity

**Force 25DA**
- 25 ton capacity

standard equipment

- Frame
- Two combination table plate/V-blocks
- Motor
  - 1 hp, 110 volt
- Pressure gauge
- Safety relief valve
- Lifting chain (on 25 ton model)

<table>
<thead>
<tr>
<th>Width between uprights</th>
<th>Width between table channels</th>
<th>Minimum ram to table</th>
<th>Maximum ram to table</th>
<th>Ram travel</th>
<th>Base</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 inches</td>
<td>4 inches</td>
<td>4 inches</td>
<td>40 inches</td>
<td>10 inches</td>
<td></td>
<td>29 3/4 x 24 inches</td>
<td>80 pounds</td>
</tr>
<tr>
<td>28 inches</td>
<td>7 inches</td>
<td>8 inches</td>
<td>44 inches</td>
<td>10 inches</td>
<td></td>
<td>30 inches</td>
<td>88 pounds</td>
</tr>
</tbody>
</table>
Dura-Press
Hydraulic Presses

The price leader for a total capability press.

features

- **Double acting cylinder** design with 5-part oil seals for smooth operation and a tight seal.
- **Ram has lifting eyes** that attach a chain to hydraulically move the table.
- **Welded heavy steel plate frame** for greater rigidity.
- **2 HP submerged motor** drives two centrifugal pumps for quiet, steady oil flow (40 and 70 ton models).
- **3 HP submerged motor** drives 3 centrifugal pumps for quiet, steady oil flow (100 ton model).
- **Smooth, responsive control valve.**
- **All electrical controls** are low voltage (24V).
- **Rapid advance of the ram** to the work piece—speed shifts automatically when contact is made.
- **Preset and factory-sealed relief valve to prevent exceeding pressure capacity.**

specifications

<table>
<thead>
<tr>
<th>model</th>
<th>number</th>
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<th>ram speed pressing</th>
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<td>52</td>
<td>3</td>
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</table>

Specifications subject to change without notice.
models

**Force 40**
- 40 ton capacity
- Electric

**Force 70**
- 70 ton capacity
- Electric

**Force 100**
- 100 ton capacity
- Electric

standard equipment

- Frame
- Cylinder
- 2 forged steel table plates
- Pressure gauge
- Lifting chain

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>J x K</th>
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<td>35</td>
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<td>7¾</td>
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<td>63 x 27</td>
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