OPEN THROAT PRESSES

- Design permits use as both "H" frame and "C" frame press; cylinder can be mounted on frame extension to handle jobs which won’t fit between uprights.
- Open throat press models are also available with remote control to enable the operator to view work from all sides with fingertip control of cylinder piston travel.
- Off-center pressing loads of full capacity can be applied across entire width of frame.

ECONOMY PRESSES

- Rugged, yet reasonably priced. Handles many "big press" tasks, and perfect for many of the "in-between" jobs you see almost daily.

Note: stroke length limited to 159 mm on economy models.

FEATURES OF BOTH OPEN THROAT AND ECONOMY PRESSES

- Press bed height easily adjustable with winch. Bed will not drop when handle is released.
- Choice of power sources for rapid cylinder advance: two-speed hydraulic hand pump, electric/hydraulic or air/hydraulic.

PUMP ELECTRICAL SPECIFICATIONS

PE17 Series = 0.37 KW, 115 volt, 60 cycle or 220 volt, 50 cycle, single phase.

Hydraulic gauge and hydraulic fittings are included with presses.

<table>
<thead>
<tr>
<th>Cap. (tons)</th>
<th>Type of cylinder used</th>
<th>Stroke (mm)</th>
<th>Cylinder Model</th>
<th>Order No.</th>
<th>Speed of advance (mm/min.)</th>
<th>Pressing (mm)</th>
<th>Type of Pump</th>
<th>Valve Type</th>
<th>Pump Model</th>
<th>Prod. Wt. (kg)</th>
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</thead>
<tbody>
<tr>
<td>25</td>
<td>Single-Acting</td>
<td>362 C2514C</td>
<td>SPA2514</td>
<td>249</td>
<td>30</td>
<td>Air</td>
<td>2-Way Foot</td>
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<td>309</td>
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<tr>
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<td>Single-Acting</td>
<td>362 C2514C</td>
<td>SPE2514-220</td>
<td>1.184</td>
<td>84</td>
<td>Elec.</td>
<td>2-Way††</td>
<td>PE172S-50-220</td>
<td>301</td>
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<td>Single-Acting</td>
<td>362 C2514C</td>
<td>SPE2514S-220</td>
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<td>102</td>
<td>Elec.</td>
<td>3-Way†</td>
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<td>Double-Acting</td>
<td>362 RD2514</td>
<td>SPE2514DS-220</td>
<td>1.321</td>
<td>102</td>
<td>Elec.</td>
<td>4-Way†</td>
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<td>25</td>
<td>Single-Acting</td>
<td>159 C256C</td>
<td>SPE256-220</td>
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<td>Elec.</td>
<td>2-Way††</td>
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</tbody>
</table>

† Solenoid valve with 12 volt remote control hand switch.
†† Holds pressure with motor shut off. Also has an automatic dump setting. Furnished with a 3.1m remote motor control.
††† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary under operating conditions.
† Pump standard with press. Other Power Team pumps can be substituted.

dBA at idle and 700 bar: PE172-67/81 dBA; PE 21-70 dBA measured at 0.9 m distance, all sides.

Available with 115 Volt, 60Hz motor (to order, remove suffix “-220” from SPE no.)
**Press Equipment**

**55 Ton Presses**

- Full off-center pressing at full rated capacity across width of upper frame without buckling or bending.
- Maximum "daylight" is 1,067 x 914 mm, making positioning of even bulky work pieces easy.
- Height of press bed is easily adjusted with winch; friction brake prevents bed from dropping and handle from spinning upon release.
- Presses with single-acting cylinder offer choice of 2-speed hand operated, electric/hydraulic, or air/hydraulic pump. Models with double-acting cylinder have an electric/hydraulic pump.
- Press models equipped with remote control enable operator to view work from all sides with fingertip control of cylinder piston travel.
- Press can be used horizontally for special applications with user-supplied support legs.
- Pump electrical specifications
  - PE 17 series - 0.37KW
  - PE 21 series - 0.75KW
  - PQ 60 series - 1.49KW
  All available in 115V/60Hz or 220V/50Hz Single phase

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### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Cap. (tons)†</th>
<th>Type of Cylinder Used</th>
<th>Stroke (mm)</th>
<th>Cylinder Model</th>
<th>Order No.</th>
<th>Speed (mm/min.)</th>
<th>Type Pump</th>
<th>Valve Type</th>
<th>Type Valve</th>
<th>Prod. Wt. (kg)</th>
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<td>SPA556</td>
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<td>55 Single-Acting</td>
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<td>SPM556</td>
<td>5.8 mm/stroke 0.4 mm/stroke</td>
<td>Hand Load-Release</td>
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<td>1.232</td>
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<td>152-1.067</td>
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<td>55 Single-Acting</td>
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<td>SPM5513</td>
<td>18.9 mm/stroke 0.7 mm/stroke</td>
<td>Hand 2-Way</td>
<td>551</td>
<td>38</td>
<td>Elec.</td>
<td>2-Way††</td>
<td>PE172-50-220</td>
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<td>SPE5556-220</td>
<td>551</td>
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<td>Elec. 2-Way††</td>
<td>PE172-50-220</td>
<td>444</td>
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<tr>
<td>55 Single-Acting</td>
<td>337 C5513C</td>
<td>SPE5513S-220</td>
<td>551</td>
<td>38</td>
<td>Elec. 4-Way</td>
<td>PE213S-50-220</td>
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<td>SPE5513D-220</td>
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<td>Elec. 4-Way</td>
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<td>Elec. 4-Way</td>
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</tbody>
</table>

* Frame is shipped assembled.
† Solenoid valve with 24 volt remote control hand switch.
†† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary with operating conditions.
††† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary with operating conditions.
‡ Pump standard with press. Other Power Team pumps can be substituted. dBA at idle and 700 bar: PE172—67/81; PE21-70; PQ 60-74/76; measured at 0.9 m distance, all sides.

Available with 115 Volt, 60Hz motor (to order, remove suffix “-220” from SPE no.)

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No. S50 - Straightening fixtures for use with 55-ton shop or 80-ton Roll-Bed® presses (2 ea.). Wt., 47.2 kg. Not part of press, order separately.

**SF50**

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www.powerteam.com
H Frame Presses

100, 150 & 200 Ton Presses

- Cylinder workhead glides across upper frame on rollers, locks in place for off-center pressing jobs. May be used horizontally for special pressing applications with user-supplied supports.

- Press bed is raised and lowered by winch which locks in place for insertion of bed retaining pins. Upper bolster can be lowered for convenient positioning on repetitive jobs.

- Generous "daylight" accommodates bulky work pieces, uprights are placed for easy side entry of bars or shafts for straightening or bending.

- Choice of single- or double-acting cylinder. Hydraulic pump options include: 2-speed hand pump with large 7.6 l reservoir, PE172 electric/hydraulic pump or "PQ" series "Quiet" electric/hydraulic pump with low noise level.

PUMP ELECTRICAL SPECIFICATIONS

PE17 Series – 0.37 KW, 220 volt, 50 cycle, single phase. Also available in 115 volt, 60 cycle, remove suffix ".220" from order no.
PQ60 Series – 1.49 KW, 220 volt, 50 cycle, single phase. Also available in 115 volt, 60 cycle, remove suffix ".220" from order no.
PQ120 Series – 2.24 KW, 380V, 50 Hz, three phase. (Suitable for 415V/50Hz/3 Phase) Also available in 460V/60Hz/3 phase, remove suffix ".380" from order no. (Suitable for 440V/50Hz/3 Phase)

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Cap</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D* (mm)</th>
<th>E (mm)</th>
<th>F (mm)</th>
<th>G (mm)</th>
<th>H (mm)</th>
<th>J (mm)</th>
<th>L (mm)</th>
<th>M (mm)</th>
<th>Floor Space (mm)</th>
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<td>1.962</td>
<td>1.626</td>
<td>914</td>
<td>178-1.092</td>
<td>51-1.067</td>
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<td>1.270</td>
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<td>1.118</td>
<td>279-991</td>
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<td>1.270</td>
<td>318</td>
<td>381</td>
<td>105</td>
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</table>

* Lateral head movement