

# SHOP PRESSES















## THE PREFERRED CHOICE FOR HEAVY- DUTY, RIGID SHOP EQUIPMENT

Every piece of shop equipment goes through a detailed fabrication and assembly process, and is thoroughly inspected to ensure maximum performance in the field.

- Wide selection of H-Frame, C-Frame, and load positioning equipment to fit a wide range of applications.
- Turnkey models from available with a variety of power units ranging in manual, electric, air, and gas-driven variations.
- Array of reservoir sizes from 0,95 to 208 l.
- Valve configurations, such as dump, 2-way, 3-way and 4-way in manual and solenoid options.
- Hydraulic flow up to 6,9 l. @ 700 bar.





	Section / Series	Shop Equipment	Cylinder Type	Tonnage Range	Pages
	Introduction	—	—	—	147-148
	SPM, SPX	C-Frame	Single-Acting, Spring Return	25	149
	SPM, SPH, SPE	H-Frame	Single-Acting Double-Acting	10	150
	SPA, SPM, SPE	H-Frame Economy	Single-Acting	25	151
	SPA, SPM, SPE	H-Frame Open-End-Access™	Single-Acting Double-Acting	25	152
	SPA, SPM, SPE	H-Frame	Single-Acting Double-Acting	55	153
	SPM, SPE	H-Frame	Single-Acting Double-Acting	100	154
	SPE	H-Frame	Double-Acting	150-200	155-156
	RB	H-Frame Roll-Bed®	Double-Acting	80-200	157-158
	A	Accessories	—	—	159-160
	FC	Floor Cranes	—	—	161
	LR	Load Rotors®	—	908-2720 kg	162



## SELECTING THE RIGHT SHOP EQUIPMENT:

**Step 1:** What is the largest size of material you will be working with on your application?

**Step 2:** What capacity, or pressure, is required to perform the work?

**Step 3:** What is the speed, or frequency, the press will be operated. (ad-hock or production use)?

## SHOP EQUIPMENT SIZING CONSIDERATIONS:

Knowing how a hydraulic press operates can help you determine whether or not you need one for your application. If a press is needed, ask yourself these four questions.

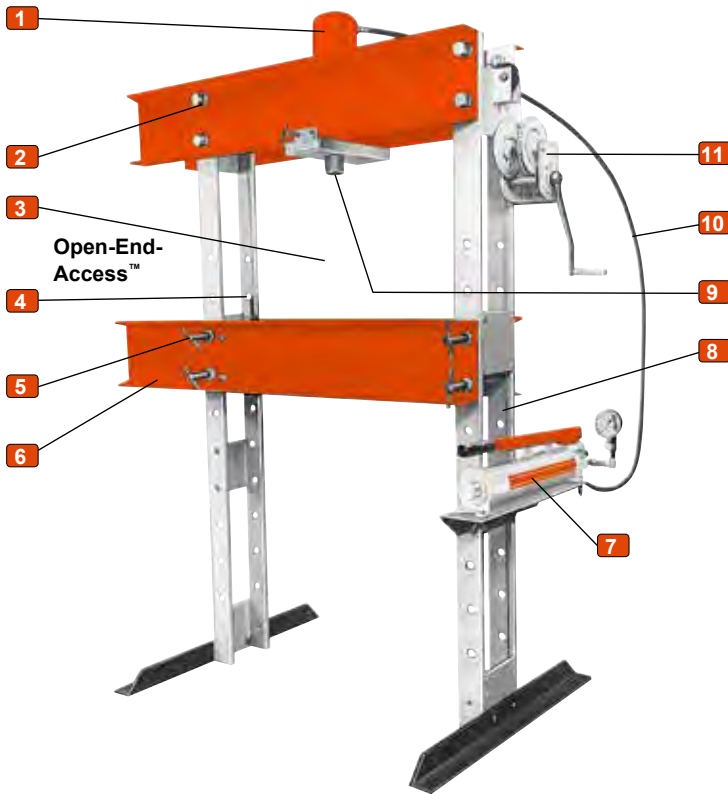
1. What is the size of the largest work piece?  
For arbor and H-Frame presses, this will dictate the throat size (horizontal opening) and daylight (vertical space required).
2. What pressure is required OR what capacity is required?  
For arbor presses and H-Frame presses this will dictate how much force is required to perform the pressing operation. It is recommended to always double the tonnage required.
3. What speed and/or frequency do I need to operate the press?
4. How many parts or operations per shift is required? If the required amounts are quite high, an electric or air model power pump would be more suited verses a manual hand pump.

When selecting Power Team's Shop Equipment, you will need to select the type of press style, cylinder size and prime mover to operate and control the press.

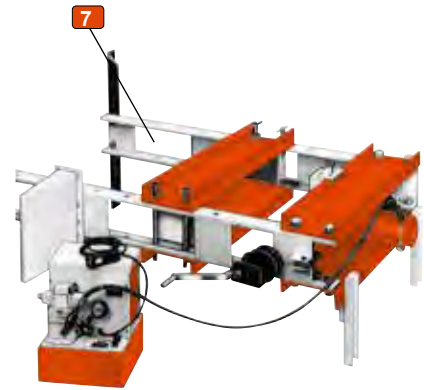
Basic components for our shop equipment:

- A pump (or prime mover) is used to transfer the oil from a reservoir out to the tool. This can be in the form of an electric, air or manual pump.
- A control valve is used to divert or meter the flow / direction / volume of the oil out to the tool.
- A cylinder or work-head is used to fill the area above the piston cap with oil through the A-port. This forces the piston down.
- The control valve then redirects the oil either to the B-port for double-acting cylinders or diverts it back to the reservoir on spring return single-acting cylinders.





Horizontal pressing capabilities



**▲ IMPORTANT SAFETY INFORMATION:**

Power Team has protective blankets available which may afford protection from injury to users and others should part breakage occur. Power Team recommends the use of these blankets for all pushing, pulling, pressing, and lifting applications.

**1 2 to 1 safety factor**

Hydraulic cylinders meet ASME B30.1 standards. Single or double-acting cylinders are available.

**2 Full rated capacity** Across width of upper frame, even with work-head moved to one side. (Heavy-duty presses only).

**3 Larger work area** than most competitors' models.

**4 Alignment lever** for simple pin replacement after raising or lowering the bed.

**5 Close manufacturing tolerance** allows even load distribution over four alloy steel pins, not two, like some competitors. (Heavy-duty presses only).

**6 Open-end-access™ feature**

on 25 ton press provides additional work area by mounting cylinder on outside for C-frame advantage.

**7 Electric, air or hand hydraulic pumps** are available. All are standard Power Team pumps. Externally-adjustable relief valve for precise operator control of working pressure is standard on all electric pumps (except PE10 and PE17 series.) **A 24V hand switch** for remote control on pumps equipped with solenoid valves.

**NOTE:** CSA approved electric pumps are standard on all presses.

**8 Rugged uprights**, 50 % stronger than channel iron. Four post design means open side for easy loading of long material.

**9 Fast cylinder approach** to work provided by 2-speed hand, air or electric pumps.

**10 3/8" I.D. hose** on spring return cylinders on heavy-duty presses provides up to six times faster cylinder return than standard 1/4" I.D. hose.

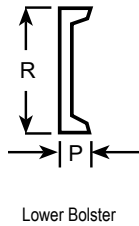
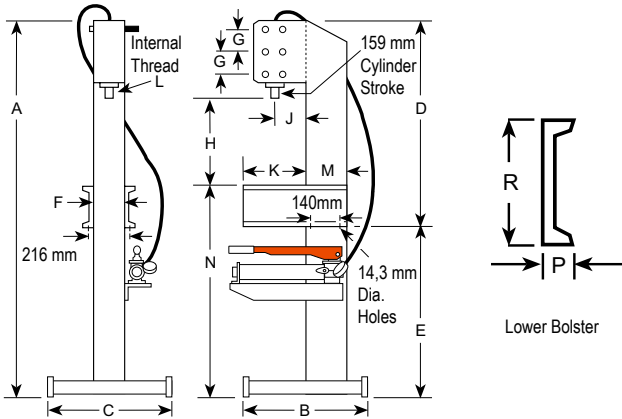
**11 One-Person operation** for bed adjustment. Winch unit quickly raises or lowers bed to desired height. Self-locking winch mechanism prevents bed from dropping when handle is released.

**12 Frames can be used horizontally** for pressing jobs on extra-long shafts.

**NOTE:** Certain features do not apply to Power Team 10 ton, Roll-Bed®, or economy presses.

**NOTE:** Certain press applications may require guarding. Because of the multitude of possible press uses, it is impossible to design a guard that will meet every customer need. The end-user must provide their own guarding where the situations dictate.

Model Shown:  
**SPM256C**



Lower Bolster

**Features**

**C-FRAME PRESSES**

- Open-End-Access™ design makes loading and unloading of work easy.
- Bench mount requires less than 1,4 sq. mm. of space.
- Cylinder head adjusts to three convenient working positions, providing up to 51 cm of “daylight.”
- Can be bench-mounted or mounted on optional base.
- Hydraulic cylinder delivers a 15 cm stroke and is driven by a P59 two-speed hand pump.



**Optional Pedestal Base**



No. 60846 – Provides a stable base for SPM256C. Includes a bracket for mounting the pump on the side of pedestal press. Only 0,37 sq. m. of floor space is needed. Wt., 76 lbs.



**Technical Dimensions**

A	B	C	D	E	F	G	Cyl. Retracted		J	K	L	M	N	P	R	Floor Space	
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(in.)	(mm)	(mm)	(mm)	(mm)	(mm)	
1972	622	610	1.057	914	152	127	260	387	514	165	318	11/2 – 16	203	1.092	51	178	610 x 622

**Ordering Information**

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed †† Advance Pressing		Type of Pump	Pump Model	Prod. Wt. (kg)
					(mm / stroke)	(mm / stroke)			
<b>SPM256C *</b>	25	Single-Acting	159	C256C	3,3	0,8	Hand	P59	108

\* SPM256C does not include No. 60846 pedestal base.

†† Typical performance based on pump specifications. Actual speeds may vary with operating conditions.

Shop Equip.

Model Shown:

SP1010A, SPM1010



Features

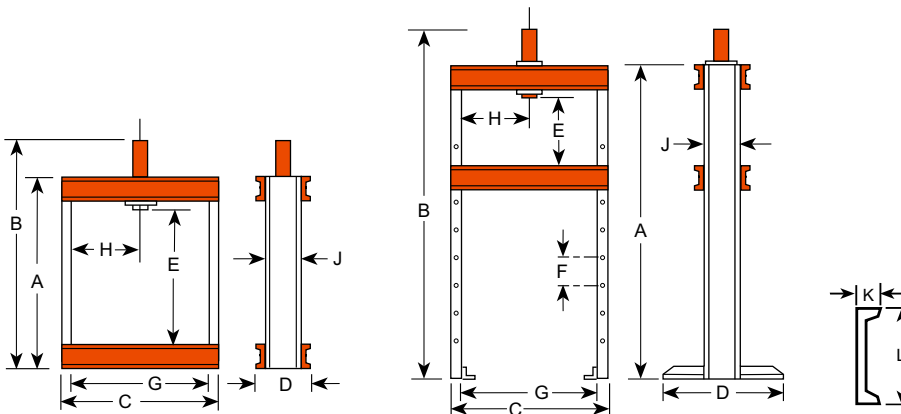
H-FRAME

- Ideal for small pressing jobs, repairing small motor armatures, removing and installing gears, bearings, other press-fit parts.
- Bench press has 391 x 457 mm work area. Floor press bed height is adjustable from 127 to 1041 mm with horizontal "daylight" of 553 mm.
- Choices of power sources include: single-speed hand pump, electric/hydraulic or air/hydraulic.
- Hydraulic gauges, hoses and fittings included.



Pump Electrical Specifications

PE10-220 Series – 1/4 hp, 230V, 50 cycle, single-phase.



Technical Dimensions

Frame	A	B	C	D	E	F	G	H	J	K	L	Bench Space (mm)	Floor Space (mm)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		
Bench	622	841	641	182	391	—	559	279	102	40	102	182 x 641	—
Floor	1499	1718	641	711	127-1041	152	559	63,5-470	102	40	102	—	711 x 730

Ordering Information

Order No.	Frame	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed †† Advance Pressing		Type of Pump	Pump Model	Prod. Wt. (kg)
						(mm / min.)	(mm / min.)			
SPM1010	222481 Bench	10	Single-Acting	257	C1010C	1,5 mm/stroke	1,5 mm/stroke	Hand	P55	41,2
SPH1010	222480 Floor	10	Single-Acting	257	C1010C	1,5 mm/stroke	1,5 mm/stroke	Hand	P55	77,5
SPE1010	222480 Floor	10	Single-Acting	257	C1010C	55,7	5,1	Elec. †	PE102	79,3
SP1010A	222480 Floor	10	Single-Acting	257	C1010C	93,7	7,6	Air	PA9H	78,1
SPE1010D	222480 Floor	10	Double-Acting	257	RD1010	55,7	5,1	Elec. †	PE10	87,0

† "Advance" position holds pressure with motor shut-off. "Return" position advances cylinder with motor running and returns cylinder with motor shut-off.

†† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary with operating conditions.

Model Shown:  
**SPE256**

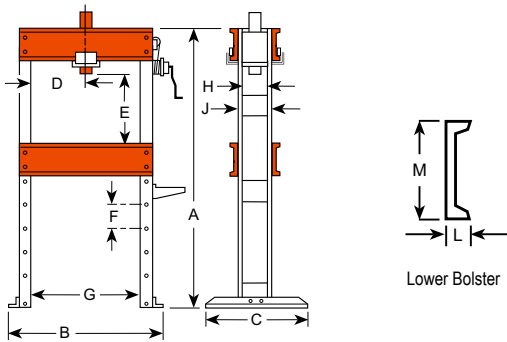


**Features**

**ECONOMY PRESSES**

- Rugged, yet reasonably priced. Handles many “big press” tasks, and perfect for many of the “in-between” jobs you see almost daily.
- 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. (**Note:** Stroke length limited to 159 mm on economy models).

Shop Equip.



**Pump Electrical Specifications**

Pump Series	Description
PE17-220	0,4 Kw, 230V, 50 cycle, single-phase.
PE21-220	1 hp, 230V, 50 cycle, single-phase.

**Technical Dimensions**

A	B	C	D*	E	F	G	H	J	K	L	M	Floor Space
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1727	1092	711	76-737	175-1102	114	813	140	165	178	64	203	1092 x 711

\* Lateral head movement

**Ordering Information**

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed †† Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min.)	(mm / min.)				
SPA256	25	Single-Acting	159	SPA256	249	30	Air.	2-Way Foot	PA6	197
SPM256	25	Single-Acting	159	SPM256	3,0 mm/stroke	0,8 mm/stroke	Hand.	Load Release	P59	205
SPE256	25	Single-Acting	159	SPE256	1184	84	Elec.	2-Way †	PE172	210

† Holds pressure with motor shut-off. Also has an automatic dump setting. Furnished with a 3,1 m 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; PE21–70; dBA measured at 0,9 m distance, all sides.



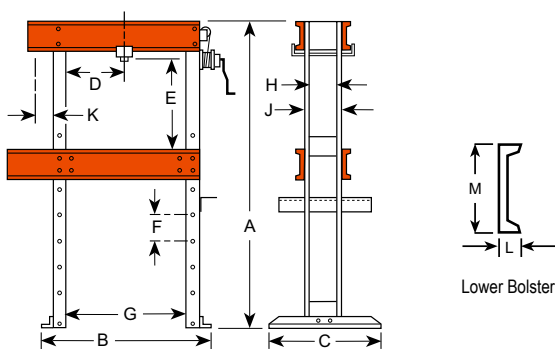
Model Shown:  
SPE2514



Features

OPEN-END-ACCESS™ 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-end-Access™ 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.
- 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	
Pump Series	Description
PE17-220	0,4 Kw, 230V, 50 cycle, single-phase.
PE21-220	1 hp, 230V, 50 cycle, single-phase.

Shop Equip.

Technical Dimensions

A	B	C	D*	E	F	G	H	J	K	L	M	Floor Space
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1962	1626	914	178-1092	51-1067	203	1270	203	254	86	381	914 x 1988	43 x 28

\* Lateral head movement

Ordering Information

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed ††† Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min)	(mm / min)				
SPA2514	25	Single-Acting	362	C2514C	249	30	Air	2-Way Foot	PA6	309
SPM2514	25	Single-Acting	362	C2514C	12,4 mm/stroke	0,8 mm/stroke	Hand	Load Release	P159	314
SPE2514	25	Single-Acting	362	C2514C	1184	84	Elec.	2-Way ††	PE172	301
SPE2514S	25	Single-Acting	362	C2514C	1321	102	Elec.	3-Way †	PE213S	344
SPE2514DS	25	Double-Acting	362	RD2514	1321	102	Elec.	4-Way †	PE214S	357

† Solenoid valve with 24V remote control hand switch.  
 †† Holds pressure with motor shut-off. Also has an automatic dump setting. Furnished with a 3,1 m 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; PE21-70; PQ60-74/76 measured at 0,9 m distance, all sides.  
**NOTE:** Frame is shipped assembled

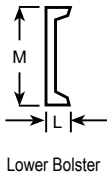
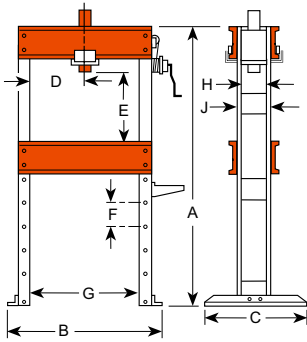


Model Shown:  
**SPE5513DS**



Hydraulic gauge and hydraulic fittings are included with presses.

Shop Equip.



Lower Bolster

**Features**

**H-FRAME SHOP PRESS**

- Full off-center pressing at full rated capacity across width of upper frame without buckling or bending.
- Maximum "daylight" is 1067 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 cylinders offer choice of 2-speed hand operated, electric/hydraulic, or air/hydraulic pump. Models with double-acting cylinders 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**

Pump Series	Description
PQ60-220	2 hp, 230V, 50 cycle, single-phase.



**Straightening Fixtures**



**No. SF50** – 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.**

**Technical Dimensions**

A	B	C	D*	E	F	G	H	J	L	M	Floor Space
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1829	1232	914	83-832	152-1067	152	914	171	203	76	305	1232 x 914

\* Lateral head movement

**Ordering Information**

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed ††† Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min)	(mm / min)				
SPA556	55	Single-Acting	159	C556C	114	12,7	Air	2-Way Foot	PA6	318
SPM556	55	Single-Acting	159	C556C	5,8 mm/stroke	0,4 mm/stroke	Hand	Load Release	P159	232
SPM5513	55	Single-Acting	337	C5513C	18,9 mm/stroke	0,7 mm/stroke	Elec.	2-Way	P460	435
SPE556	55	Single-Acting	159	C556C	551	38	Elec.	2-Way ††	PE172	333
SPE556	55	Single-Acting	337	C5513C	551	38	Elec.	2-Way ††	PE172	444
SPE5513	55	Single-Acting	337	C5513C	620	48	Elec.	3-Way †	PE213S	478
SPE5513D	55	Double-Acting	337	RD5513	551	38	Elec.	4-Way	PE174	450
SPE5513DS	55	Double-Acting	337	RD5513	1679	137	Elec.	4-Way †	PQ604S	505

† Solenoid valve with 24V remote control hand switch.

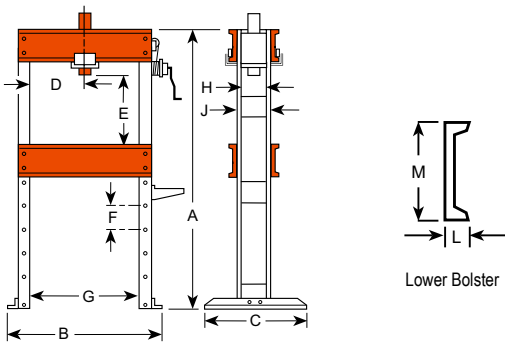
†† Holds pressure with motor shut-off. Also has an automatic dump setting. Furnished with a 3,1 m remote motor control.

††† 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 Series—70; PQ60—74/76; measured at 0,9 m distance, all sides.

**NOTE:** Frame is shipped assembled.

Model Shown:  
**SPE10013DS**



Lower Bolster

► Features

**H-FRAME SHOP PRESS**

- Cylinder work-head 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 203 mm for convenient positioning on repetitive jobs.
- Generous “daylight” of 1067 x 1270 mm 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**

Pump Series	Description
PE17-220	0,4 Kw, 230V, 50 cycle, single-phase.
PQ60-220	2 hp, 230V, 50 cycle, single-phase.
PQ120-220	2,24 KW, 460V, 60 cycle, three-phase.

\* To order 380V, 50 cycle, add suffix “-380” to order no.



**Straightening Fixtures**



**No. SF150** – Straightening fixtures for use with 100 ton shop press and 100, 150, and 200 ton Roll-Bed® presses (2 ea).  
Wt., 89 kg.  
**Not part of press, order separately.**

► Technical Dimensions

A	B	C	D*	E	F	G	H	J	L	M	Floor Space
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1962	1626	914	178-1092	51-1067	203	1270	203	254	86	381	914 x 1988

\* Lateral head movement

► Ordering Information

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed †† Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min)	(mm / min)				
SPM10010	100	Single-Acting	260	C10010C	9,0 mm/stroke	0,3 mm/stroke	Hand	3-Way	P460	769
SPE10010	100	Single-Acting	260	C10010C	889	74	Elec.	3-Way	PQ603	813
SPE10010R	100	Single-Acting	260	C10010C	292	20	Elec.	2-Way	PE172	766
SPE10013DS	100	Double-Acting	330	RD10013	889	147	Elec.	4-Way †	PQ1204S	854

† Solenoid valve with 24V remote control hand switch.

†† 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; PQ60—74/76; PQ120—73/78. Measured at 0,9 m distance, all sides.

NOTE: Frame is shipped assembled.

Model Shown:  
**SPE20013DS**



Hydraulic gauge and hydraulic fittings are included with presses.

Shop Equip.

**Features**

**H-FRAME SHOP PRESS**

- Standing 2,3 m tall, these giants handle the really big jobs.
- May be used horizontally for special pressing applications with user-supplied supports.
- Work-head has wide horizontal travel. Rugged press frame withstands load of rated capacity across full width of frame.
- Winch mechanism provides easy positioning of press bed, locks in place for insertion of retaining pins.
- Upper bolster can be lowered 279 mm for convenient positioning on repetitive jobs.
- Uprights are placed for easy side entry of bars or shafts for straightening or bending.
- Fast cylinder approach is provided by PQ1204S "Quiet" electric/hydraulic pump.
- Remote control hand switch, enables operator to view work from all sides with fingertip control of cylinder piston travel.

**Pump Electrical Specifications**

Pump Series	Description
PQ1204S-E380	2,24 Kw, 400V, 50Hz, three-phase.

**NOTE:** To order press with 230V, 60 cycle, single-phase pump, order press less PQ1204S. Order pump No. PQ604S separately.

**Optional HD Straightening Fixtures**



**No. SF150** – Straightening fixtures for use with 100 ton shop press and 100, 150, and 200 ton Roll-Bed® presses (2 ea). Wt., 89 kg.

**Not part of press, order separately.**



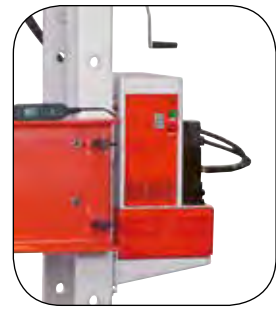
Adjustable head accommodates a wide array of applications



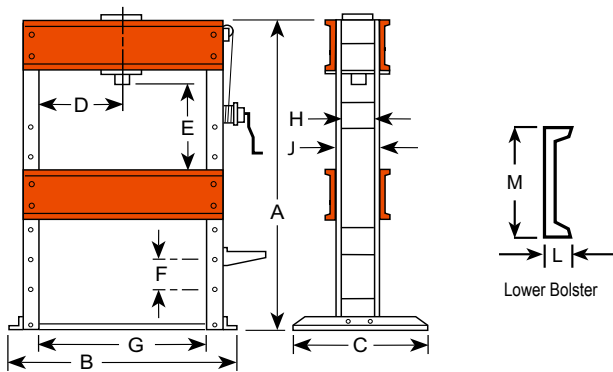
Winch provides easy positioning of press bed



Large footing for a solid base and stability



PQ120 Series pump provides the pressure and control



► Technical Dimensions

A	B	C	D*	E	F	G	H	J	L	M	Floor Space (mm)
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2286	1803	1118	279-991	228-1111	279	1.270	318	381	105	457	1117 x 1803

\* Lateral head movement

► Ordering Information

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed † Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min)	(mm / min)				
SPE15013DS	150	Double-Acting	333	RD15013	610	99	Elec.	4-Way *	PQ1204S-E380	1366
SPE20013DS	200	Double-Acting	333	RD20013	457	74	Elec.	4-Way *	PQ1204S-E380	1484

\* Solenoid valve with 24V remote control hand switch.

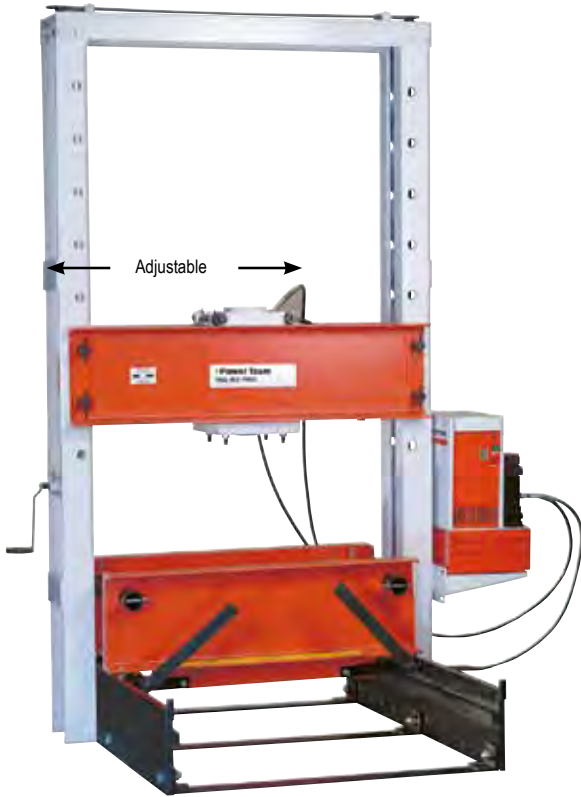
† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary under operating conditions.

‡ Pump standard with press. dBA at idle and 700 bar: 73/78, measured at 0,9 m distance, all sides.

NOTE: Frame is shipped assembled.

Shop Equip.

Model Shown:  
**RB10013S**



Hydraulic gauge and hydraulic fittings are included with presses.

Shop Equip.

▶ **Roll-bell enables easy loading and unloading of large gears to simplify the pressing operation**



**Features**

**H-FRAME ROLL-BED® PRESS**

- The original, patented Roll-Bed® extends out for easy loading and unloading with a crane or other lifting device, supporting loads up to 1361 kg.
- Movable work-head glides easily side-to-side for full off-center load capacity across width of upper frame.
- “Daylight” is 1283 x 1524 mm for 80 and 100 ton models; 1302 x 1625 mm on 150 and 200 ton presses.
- Fast approach of double-acting, 334 mm stroke cylinder is provided by PQ1204S “Quiet” electric/hydraulic pump with remote control hand switch. Operator can view work from all sides with fingertip control of cylinder piston travel.
- Adjustable lower bed width for secure balancing and centering of heavy jobs.
- Lifting mechanism has a turn crank handle to raise or lower upper bolster (a heavy-duty 1/2" drill motor can replace handle for automatic adjustment). Four locking pins hold bolster in place for pressing.



**Optional HD Straightening Fixtures**



**No. SF50** – 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.**



**No. SF150** – Straightening fixtures for use with 100 ton shop press and 100, 150, and 200 ton Roll-Bed® presses (2 ea). Wt., 89 kg.

**Not part of press, order separately.**



**Pump Electrical Specifications**

Pump Series	Description
PQ120	2,24 Kw, 380V, 50 cycle, three-phase.

**NOTE:** To order press with a 230V, 50 cycle, single-phase pump, order press less PQ1204S. Order pump No. PQ604S separately.

**NOTE:** Different voltage and valve options can be obtained by substituting certain PA, PE or PQ series pumps. Consult the factory.





Lifting screw and locking pins make bolster raising a one-man job.



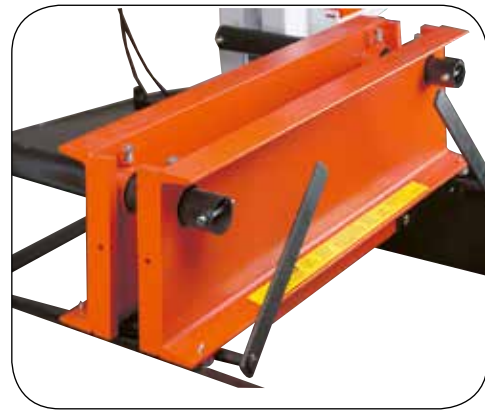
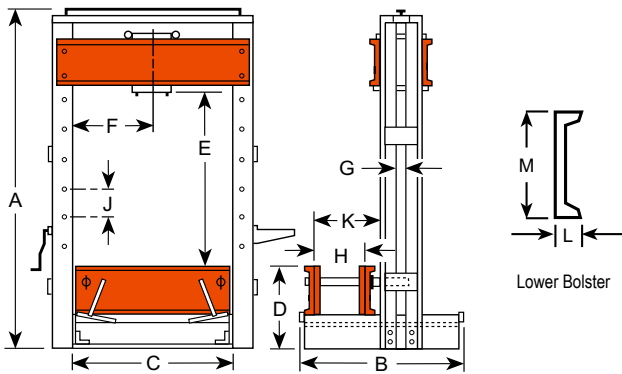
Bearings make bed positioning smooth and easy.



Lever lowers bed for pressing, raises it for rolling.



Cylinder is easily moved across width of upper bolster.



Width adjusts from 102 mm to over 686 mm; is secured with locking bolts.

Shop Equip.

► Technical Dimensions

Cap. (Tons)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	Floor Space (mm)
80	2861	1632	1283	686	305-1524	368-914	76,2	102-692	203	927	86	381	1632-1537
100	2861	1632	1283	686	305-1524	368-914	76,2	102-692	203	927	86	381	1632-1537
150	3131	1734	1302	762	229-1626	352-949	76,2	102-689	279	946	105	457	1734-1607
200	3131	1734	1302	762	229-1626	352-949	76,2	102-689	279	946	105	457	1734-1607

► Ordering Information

Order No.	Cap. (tons)	Type Cyl. Used	Stroke (mm)	Cyl. Model	Speed †† Advance Pressing		Type of Pump	Valve Type	Pump ‡ Model	Prod. Wt. (kg)
					(mm / min)	(mm / min)				
RB8013S	80	Double-Acting	333	RD8013	1168	190	Elec.	4-Way †	PQ1204S	1307
RB10013S	100	Double-Acting	333	RD10013	889	147	Elec.	4-Way †	PQ1204S	1334
RB15013S	150	Double-Acting	333	RD15013	610	99	Elec.	4-Way †	PQ1204S	2019
RB20013S	200	Double-Acting	333	RD20013	457	74	Elec.	4-Way †	PQ1204S	2059

† Solenoid valve with 24V remote control hand switch.

†† Typical performance based on 7 bar and 700 bar pump specifications. Actual speeds may vary with operating conditions. 1361 kg. maximum load can be supported on bed when raised on the rollers.

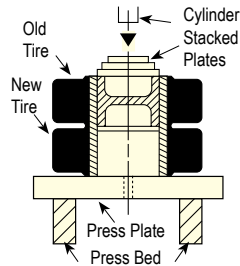
‡ Pump standard with press. dBA at idle and 700 bar: PQ120-73/78; measured at 0,9 m distance, all sides.

NOTE: Frame is shipped assembled.

**RUBBER TIRE REMOVING/INSTALLING SET**



Pressing rim into new tire on Power Team Press.



Now an easy way to press solid rubber tires. The TPP200 uses plates instead of combination rings to press a rim from an old tire into a new one. They can be used on any Power Team press with 55 ton capacity or more.

**NOTE:** Many tires require 100 tons of force or more, depending on tire size and condition. These plates withstand maximum force of 150 tons.

Order No.	Description
TPP200	Tire press plate set. Includes 13 press plates, spacer pushing adapter and press bed plate.
	<b>NOTE:</b> For use on solid rubber tires from 102 mm to 451 mm I.D.

**TIRE PRESS PLATE SET, TPP200**

Model Shown:

**TBP1622, TPP1 - TPP13, TPS6**



406 x 559 x 50,8 mm



98,4 x 448 x 19,1 mm

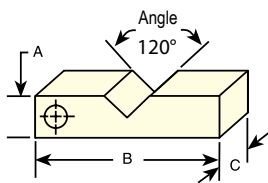


95,3 x 152,4 mm

Order No.	Tire Size I.D. (mm)	Tire Size O.D. (mm)	Order No.	Tire Size I.D. (mm)	Tire Size O.D. (mm)
TPP1	102	98,4	TPP9	305,308	301,6
TPP2	127	123,8	TPP10	356	352,4
TPP3	152,159	149,2	TPP11	381	377,8
TPP4	165	161,9	TPP12	406	403,2
TPP5	203	200,0	TPP13	451	447,7
TPP6	254	250,8	TPS6	Spacer/Pushing Adapter	82,6 x 152,4
TPP7	267	263,6	TBP1622	Bed Plate	406 x 559 x 51
TPP8	286	282,6			

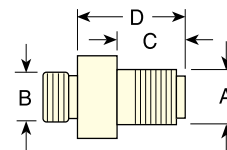
Shop Equip.

**"V" BLOCKS**



Order No.	Width		Thick C
	A	B	
	(mm)	(mm)	(mm)
1890	50,8	228,6	31,8
1891	63,5	292,1	44,5
1892	88,9	355,6	50,8
1893	127,0	355,6	38,1
207395	146,1	584,2	63,5

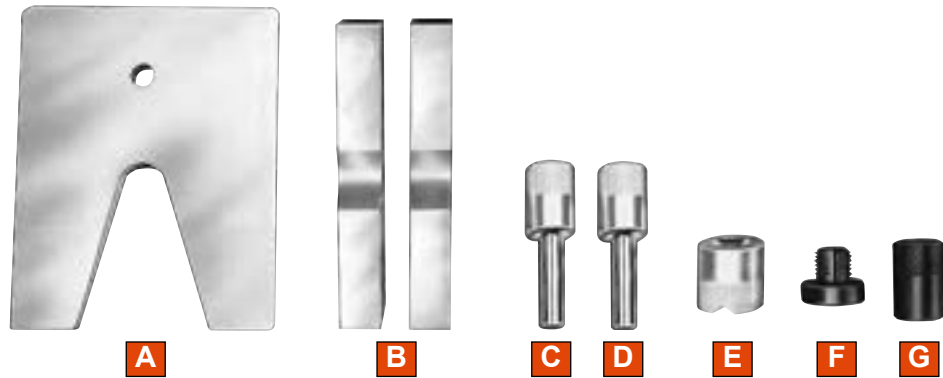
**THREAD ADAPTER**



Order No.	A	B	C	D
	(in.)	(in.)	(mm)	(mm)
38597	1 - 8	1 - 8	19,1	33,3
38953	1.25 - 7	1.5 - 16	69,9	111,1
37368	1.63 - 5.5	—	42,9	63,5
43562	2.25 - 12	—	57,2	76,2
38954	1.63 - 5.5	1.69 - 8	82,6	106,4
43563	2.25 - 12	2.75 - 12	57,2	81,0
46070	2.25 - 12	2 - 4.5	57,2	81,0



PRESS ACCESSORY KIT



Make your Power Team press even more versatile with one of these accessory sets. These sets will eliminate makeshift set-ups. Many of these items can be used with pullers you already have.

► Ordering Information

Use With Press (Ton)	Order No.	V-Throat Press Plate	V-Blocks	Pushing Adapter	Pushing Adapter	V-Pushing Adapter	Threaded Adapter		Pushing Adapter
		A	B	C	D	E	Single-Acting Cyls.	Double-Acting Cyls.	G
10	SPA10	1888	1890 (2)	201923 12,7 mm Dia. Shank	201454 19 mm Dia. Shank	34806	38597 †	38597 †	—
25	SPA25	1889	1891 (2)	34510 19 mm Dia. Shank	34511 25,4 mm Dia. Shank	34807 ††	38953 ††	38953 ††	—
55	SPA55	—	1892 (2)	34755 25,4 mm Dia. Shank	34756 31,8 mm Dia. Shank	34808	37368 ††	38954 ††	—
80/100	SPA100	—	1893** (2)	—	—	36469	43562 †† 46070 ††	43563 †† 46070 ††***	21332
150/200	SPA200	—	207395 (2)	—	44458 * 57,1 mm Dia. Shank	44457 *	—	—	—

† Included in Set

†† Not Included, Order Separately

\* Pushing adapters thread directly into RD15013 and RD20013 cylinders.

\*\* V-blocks, 1893, are recommended for use with 80 ton Roll-Bed® press. Not recommended for use with 100 ton Roll-Bed® press.

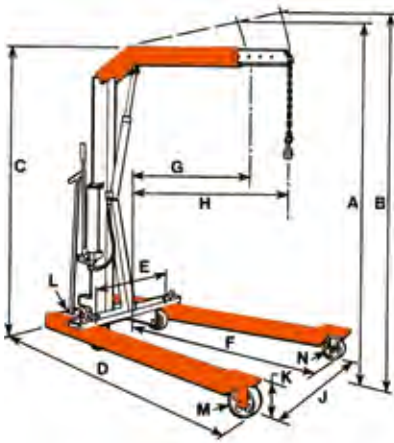
\*\*\* For 80 ton Roll-Bed® press.

**⚠ CAUTION: Pushing adapters are designed for use with specific shaft sizes, and depending on the condition of the shaft ends, the adapter may not withstand the full press tonnage. Always use a protective blanket or other suitable guard when pressing.**

Model Shown:  
**FC2200**



Shop Equip.



**Features**

**MOBILE FLOOR CRANES**

- Adjustable legs spread to clear obstacles (telescoping boom for extra reach)
- Rugged construction, reliable hydraulics.
- Boom collapses completely and legs fold for compact space-saving fold-away storage
- 2-speed hydraulic hand pump provides fast boom travel and precise operator controlled descent.
- Roller bearing wheels and a steering dolly provide ease of mobility. Lifting chain is included.
- U.S. Patent No. 3,367,512

**Technical Dimensions**

	Description	FC2200	FC4400
A	Max. boom height, ret (mm)	2718	2819
B	Max. boom height, ext (mm)	2972	3099
C	Overall height, boom horizontal (mm)	2032	2083
D	Overall length (mm)	2108	2261
E	Min. throat width (mm)	610	635
F	Inside leg length (mm)	1372	1461
G	Eff. boom reach -ret. (mm)	838	902
H	Eff. boom reach -ext. (mm)	1219	1238
J	Inside leg width (mm)	610-914-1219 (3-Position)	660-1016-1333 (3-Position)
K	Leg height (mm)	203	241
L	Dolly wheel diameter (mm)	127	127
M	Wheel diameter (mm)	152	203
N	Caster diameter (mm)	152	152
	Floor space, folded (mm)	686 x 965	787 x 1067
	Height, folded (mm)	2007	2184
	Cap. boom ret. (kg)	1000	2000
	Cap. boom ext. (kg)	750	1500

**Ordering Information**

Order No.	Description
<b>FC2200</b>	1000 kg. cap. crane with fold-away feature, adj. leg spread, lifting chain and 2-speed hand pump. Wt., 206 kg.
<b>FC4400</b>	2000 kg. cap. crane with fold-away feature, adj. leg spread, lifting chain and 2-speed hand pump. Wt., 293 kg.

Model Shown:  
LR2000, LR4000, LR6000



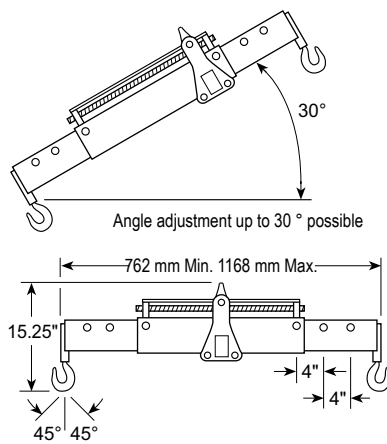
### Features

- Whenever you have big, heavy components to move or position, nothing helps you get the job done easier and faster than Power Team's Load-Rotors®
- The heavy-duty Load-Rotors®, when used with a crane or hoist, greatly reduce time and effort.
- LR2000 (908 kg. cap.) and LR4000 (1816 kg. cap.) heavy-duty lifting slings are just right, for lifting or positioning components.
- LR6000 has a self-locking worm and gear set in the Spread-Tilter™ head permits rapid angle adjustment of the component being handled.



### CAUTION

This system should not be used for overhead lifting.



The working length is adjustable in three positions from 762 mm to 1168 mm. Maximum chain angle is 45 °

### Ordering Information

Order No.	Cap. (kg)	Chain Size (mm)	Chain Lg. with Swivel Hooks (mm)	Lifting Eye Opening (mm)	Hex Drive End (in.)	Gear Ratio	Prod. Wt. (kg)
LR2000	908	6,4	1422	31,8	5/8	34:1	4,1
LR4000	1816	7,9	1650	44,5	5/8	82:1	10,4
LR6000	2720	7,9	1650	41,3	5/8	82:1	33,1