

▼ Shown from left to right: P-77, P-80, P-84, P-801, P-39



The Solution for Tough Jobs



Two Speed Pumps

Recommended for applications where cylinder plunger must advance rapidly to contact load, and applications where greater oil capacities are required, such as multiple cylinder hook-ups.



Foot Pump Conversion Kits

Convert your **P18, P39, P77, P80, or P801** to foot power with the **PC-11** Kit. Includes instructions for easy conversion.



Gauges

Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer to the

System Components section for a full range of gauges.

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4-Way Control Valve

P-84 and P-464 feature a manual 4-way control valve, designed for use with one double-acting or two single-acting cylinders. For system set-up information:

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- Reduced handle effort and ergonomic grip for less operator fatigue
- Two-speed operation for fast and easy operation (except P-39)
- Vent free reservoir eliminates spills
- Quick grip handle allows for easy transport
- Integral reservoir over-pressurization protection
- All steel construction, chrome plated plunger and wiper system for durable, long lasting performance
- 4-way valving on the P84 and P-464 for operation of double-acting cylinders

▼ In the absence of a power supply, the P-80 Hand Pump offers a powerful solution.



Pump Type	Usable Oil Capacity (in ³)	Model Number	Pressure Rating*		Oil Displacement per Stroke (in ³)		Max. Handle Effort (lbs)
			1 st stage	2 nd stage	1 st stage	2 nd stage	
Single	47	P-39	N/C	10,000	N/C	.15	85
Two-speed	47	P-77	500	10,000	1.00	.15	88
	134	P-80**	500	10,000	1.00	.15	77
	250	P-801	500	10,000	1.00	.15	77
	134	P-84***	500	10,000	1.00	.15	77
	453	P-462	200	10,000	7.69	.29	110
	453	P-464***	200	10,000	7.69	.29	110

* Contact Enerpac for applications where operating pressure is less than 10% of pressure rating.

** Available as a set, see note on next page.

*** For use with double-acting cylinders.

P Series



Reservoir Capacity:
47-453 in³

Flow at Rated Pressure:
.15-.29 in³/stroke

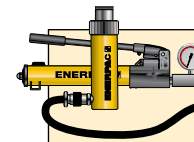
Maximum Operating Pressure:
10,000 psi



Extra Capacity Hand Pumps

P-462 and P-464 feature extra large reservoirs and a high first-stage flow rate.

These pumps are ideally suited for powering high-capacity cylinders.



Pump and Cylinder Sets

P-80 is also available as a **set** (pump, cylinder, gauge, couplers and hose) for your ordering convenience.

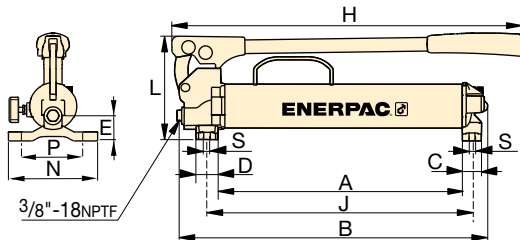
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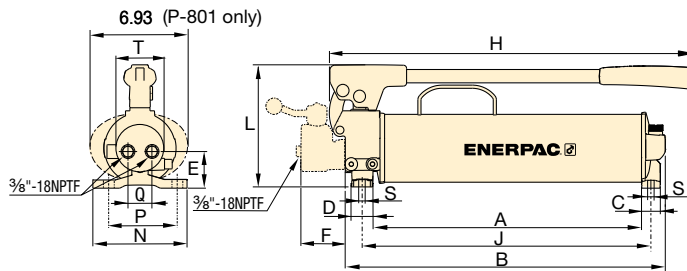
Cylinder Matching Chart

For help in selecting the correct hand pump for your application, please refer to the Cylinder Matching Chart located in the "Yellow Pages."

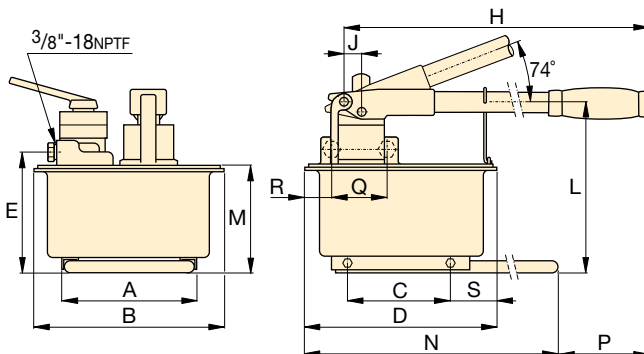
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P-39, P-77



P-80, P-801, P-84



P-462, P-464

Piston Stroke	Dimensions (in)																	Weight (lbs)	Model Number
	(in)	A	B	C	D	E	F	H	J	L	M	N	P	Q	R	S	T		
1.00	15.09	18.91	1.18	1.38	1.48	—	—	21.63	16.37	6.39	—	5.51	4.37	—	—	0.33	—	13.6	P-39
1.00	15.39	19.19	1.18	1.38	1.86	—	—	21.63	16.67	6.39	—	5.51	4.37	—	—	0.33	—	15.6	P-77
1.00	16.83	20.12	1.18	1.38	2.17	—	—	23.50	18.11	7.65	—	5.91	4.76	1.65	—	0.33	2.93	23.6	P-80**
1.00	16.83	20.12	1.18	1.38	2.17	—	—	23.50	18.11	7.65	—	5.91	4.76	1.65	—	0.33	2.93	31.0	P-801
1.00	16.83	20.06	1.18	1.38	2.30	2.77	—	22.78	18.11	7.65	—	5.91	4.76	1.50	—	0.33	2.93	26.0	P-84***
1.50	8.25	12.13	6.42	12.63	7.68	—	—	26.44	.98	10.63	6.89	25.6	3.63	—	—	3.13	—	61.0	P-462
1.50	8.35	12.13	6.42	12.63	7.68	—	—	26.44	.98	10.63	6.89	25.6	3.63	3.50	2.68	3.13	—	61.0	P-464***