

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



- 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.



The Solution for Tough Jobs



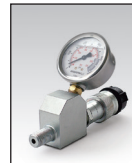
Two Speed Pumps

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



GA45GC Gauge Adaptor

Protect yourself from system overloading by simply ordering one part number for a pre-assembled gauge, adaptor block and coupler.

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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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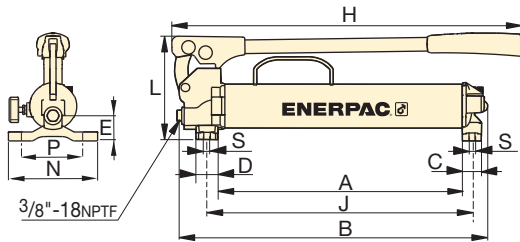
Pump Type	Usable Oil Capacity (in ³)	Model Number	Pressure Rating*		Oil Displacement per Stroke (in ³)		Max. Handle Effort (lbs)
			1 st stage	2 nd stage	1 st stage	2 nd stage	
Single	41	P-39	N/C	10,000	N/C	.15	85
Two-speed	41	P-77	500	10,000	1.00	.15	88
	134	P-80**	500	10,000	1.00	.15	77
	250	P-801	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.

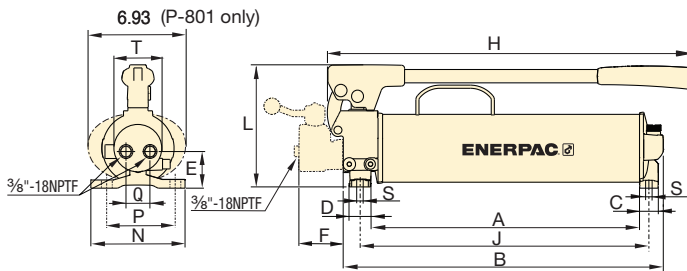
** Available as a set, see note on next page.

*** For use with double-acting cylinders.

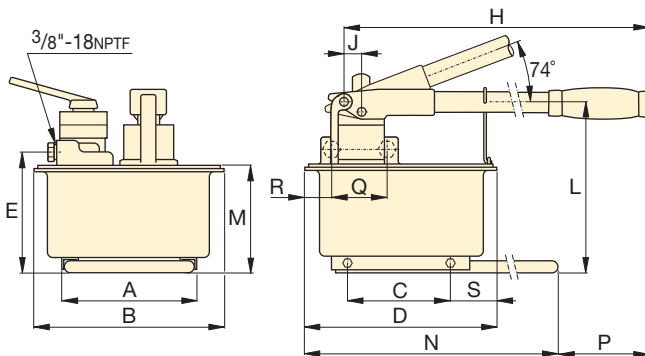
Steel Hand Pumps



P-39, P-77



P-80, P-801, P-84



P-462, P-464

P Series



Reservoir Capacity:
47- 453 in³

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

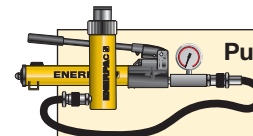
Maximum Operating Pressure:
10,000 psi



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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Piston Stroke	Dimensions (in)																Weight (lbs)	Model Number
	(in)	A	B	C	D	E	F	H	J	L	M	N	P	Q	R	S		
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***