

PUMPS

MARKET LEADING HIGH PRESSURE POWER UNITS FOR A WIDE ARRAY OF APPLICATIONS AND USES.

Every power unit goes through a rigorous assembly and test process to ensure the highest level of performance:

- Power units are available in manual or powered configurations. Powered options include electric, air, and gas.
- A wide array of reservoir sizes from under 0.25 to 55 gallons
- Variety of valve configurations, such as dump, 2-way, 3-way and 4-way in manual and solenoid configurations,
- Whether you are seeking a manual, electrical or an air power pump, Power Team pumps can generate flows up to 420 cu. in. / @ 10,000 PSI.



Model Shown:

PE172, PE172SM, PE174

Pumps



Features

FOR MAINTENANCE AND CONSTRUCTION APPLICATIONS.

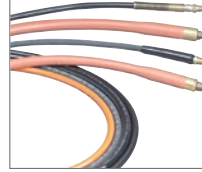
- For use with single or double-acting cylinders at operating pressure up to 10,000 psi.
- Equipped with 1/2 hp, 3,450 rpm, single-phase, thermal protected induction motor; 10 ft. remote control cord (PE172S has 25 ft. cord)
- Low amperage draw; small generators and low amperage circuits can be use as power source.
- Extremely quiet noise level (67-81 dBA).
- Starts under full load for intermittent duty.



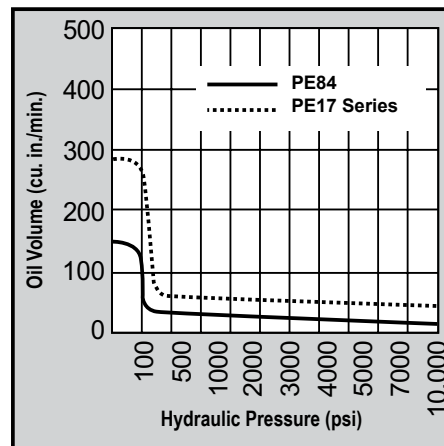
Hydraulic Hoses

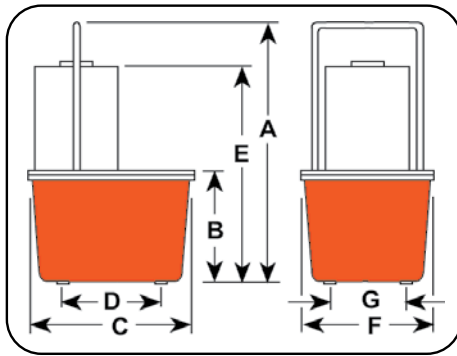
Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

Refer to the accessories section for details.



Performance Specifications





Technical Dimensions

Order No.	A	B	C	D	E	F	G	Max. Pressure Output (psi)	rpm	dBA at Idle and 10,000 (psi)	Amp Draw 115 V - at 10,000 (psi)	Oil Del. (cu. in./min. @)				Prod. Wt. with Oil (lbs.)
	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)					(in.)	0 (psi)	100 (psi)	5,000 (psi)	
PE17 Series	18.50	7.00	11.38	7.13	14.88	9.25	5.13	10,000	3,450	67/81*	10	290	190	20	16	45.00
PE17M Series	18.13	6.63	11.50	—	14.50	9.50	—	10,000	3,450	67/81*	10	290	190	20	16	53.00
PE84 Series	18.50	7.00	11.38	7.13	15.38	9.25	5.13	10,000	1,750	67/81*	10	145	120	12	8	47.00

* PE84 is the same as the PE174, except has continuous duty with 2 gallon thermoplastic reservoir and features 1,750 RPM

Ordering Information

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve No.	Valve Function	Control Switch ††	Motor	Reservoir Usable Oil Cap. (cu. in.)
Single-Acting	1/2 hp pump with 2 gallon thermoplastic reservoir.	PE172	2-Way	9517	Advance Return (Auto†)	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC* 50/60 Hz, Single-Phase	295
Single-Acting	1/2 hp pump with 2.5 gallon aluminum reservoir.	PE172M	2-Way	9517	Advance Return (Auto†)	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC* 50/60 Hz, Single-Phase	375
Single-Acting	1/2 hp pump with 2 gallon thermoplastic reservoir, solenoid-operated valve.	PE172S	3-Way	9579	Advance Hold Return	Remote Motor & Valve (25 ft.)	1/2 hp, 110/115VAC 50/60 Hz, Single-Phase	295
Single-Acting	1/2 hp pump with 2 gallon aluminum reservoir, solenoid-operated valve.	PE172SM	3-Way	9579	Advance Hold Return	Remote Motor & Valve (25 ft.)	1/2 hp, 110/115VAC 50/60 Hz, Single-Phase	375
Single-Acting	Best suited for crimping, punching, pressing. Not for lifting. Thermoplastic reservoir.	PE172A [∞]	Auto./Dump Manifold	45554	Advance Return	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC 50/60 Hz, Single-Phase	295
Single-Acting	Best suited for crimping, punching, pressing. Not for lifting. Aluminum reservoir.	PE172AM [∞]	Auto./Dump Manifold	45554	Advance Return	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC* 50/60 Hz, Single-Phase	375
Single-Acting, Double-Acting	1/2 hp pump with 2 gallon thermoplastic reservoir, 9500 double-acting valve.	PE174	4-Way	9500	Advance Hold Return**	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC* 50/60 Hz, Single-Phase	295
Single-Acting, Double-Acting	1/2 hp pump with 2 gallon aluminum reservoir, 9500 double-acting valve.	PE174M	4-Way	9500	Advance Hold Return**	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC* 50/60 Hz, Single-Phase	375
Single- or Multi Double-Acting	1/2 hp pump, continuous duty with 2 gallon thermoplastic reservoir, 9500 double-acting valve.	PE84	4-Way	9500	Advance Hold Return**	Remote Motor Control (10 ft.) on/off	1/2 hp, 115VAC* 60 Hz, Single-Phase	295

* Available with 220VAC 50Hz motor (to order, place suffix "50-220" behind pump order number).

** Advance position holds pressure with motor shut-off.

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

[∞] Not to be used for lifting.

‡ Some Power Team pumps are available in special configurations not listed in this catalog. For your special requirements please consult your local distributor or the Power Team factory.

†† The remote motor control switch on 220VAC 50Hz cycle PE17 series pumps is 24VDC.

NOTE: Usable oil is calculated with the oil fill at the recommended level of 1.50" below reservoir cover plate.

NOTE: Contact Factory for special 12VDC version for service vehicles