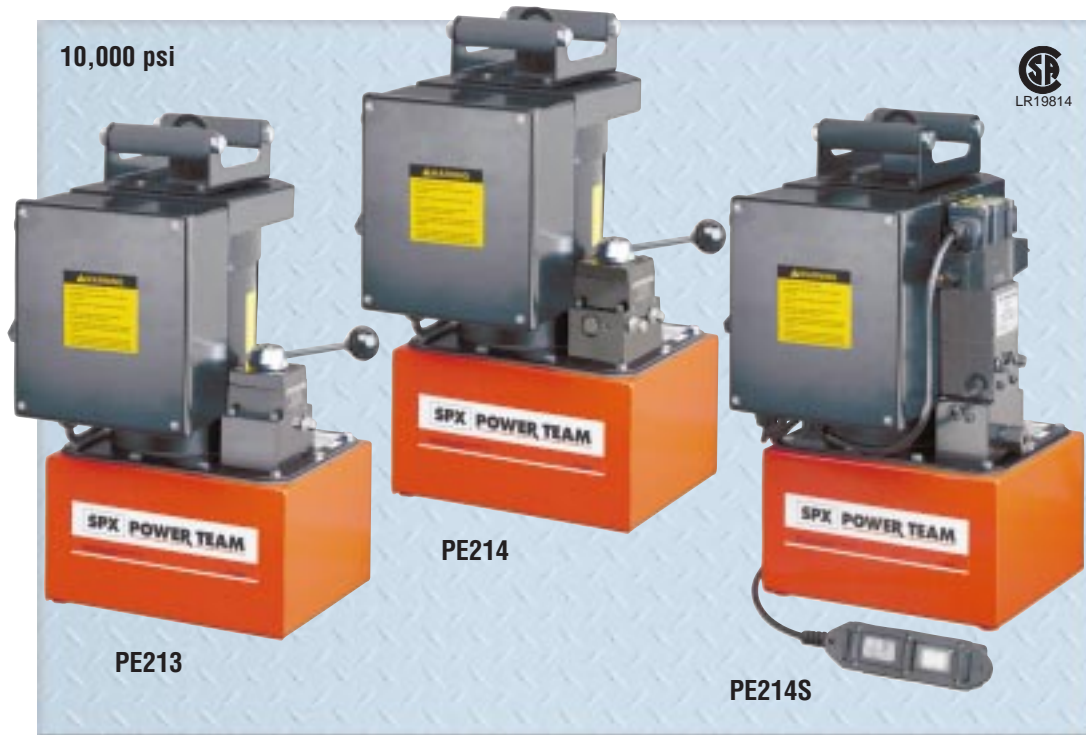


Electric Hydraulic Pumps

22 cu. in./min. — 1 hp (PE21 Series)

Low-speed, high-torque pump designed specifically for heavy-duty, extended-cycle operations. Generally recommended for cylinders up to 75 ton.



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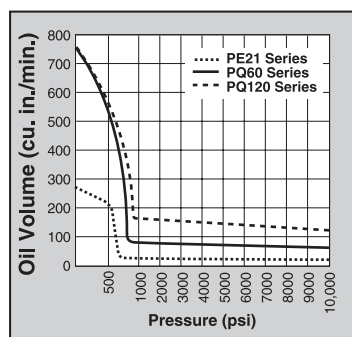
Choosing The Right Pump
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- Totally enclosed, fan cooled induction motor: 2-Speed 1 hp, 1,725 rpm, 60 Hz, single phase. Thermal overload protection.
- Remote control, with 10 foot cord is standard on pumps with solenoid valves only. Manual valve pumps have “Stop”, “Start” and “Run/Off/Pulse” switches. Pump controls are moisture and dust resistant. Electrical controls comply with new NEMA 12 standards.
- “Posi-Check®” valve provides positive load holding.
- All metal unit has motor drip cover with carrying handles and lifting lug.
- Very low noise level of 70 dBA @ 10,000 psi.
- Has electrical shut down in the event of electrical interruption. Pump shuts off and will not automatically start up until operator presses the pump start button.
- 24 volt control circuits on units with remote controls provide additional user/operator safety.

5 and 10 gallon reservoirs

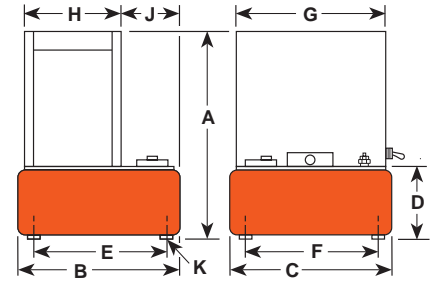
For extra oil capacity there is a 5 and 10-gallon reservoir available for the PE series pumps. See these accessories on page 165.

PERFORMANCE





PE21 series pump and RD5513 cylinder used in a special press that produces pharmaceutical-grade extracts for herbal medicines.



SPECIFICATIONS AND DIMENSIONS

Pump No.	Max. Press. Output	rpm	dBA at Idle and 10,000 psi	Amp Draw at 10,000 psi	Oil Delivery (cu. in./min. @)				Dimensions (in.)									Prod. Wt. w/Oil (lbs.)	
					100 psi	1,000 psi	5,000 psi	10,000 psi	A	B	C	D	E	F	G	H	J		K ***
PE21 Series	10,000 psi	1,725	70 *	See Chart Below	270	29	27	22	21%	11½	9½	6½	10	8	14½	9½	3¼	½ -20 UNF	98 †

* Measured at a 3 ft. distance, all sides.

† Shipping weight with manual valve; add 14 lbs. for pump with solenoid valve.

*** For 2" dia. swivel casters, order (4) No. 10494.

ORDERING INFORMATION ‡

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Max. Amp Draw @ 10,000 psi	Motor	Reservoir (Usable)
		Type	No.	Function			
1 h.p. pump with 2½ gal. reservoir and manual valve.	PE213	3-Way	9520*	Advance Hold Return	115V - 15 amps 230 V - 7.5 amps	1 hp 115/230 Volt 60 Hz††, Single Phase	590 cu. in.
PE213, except has solenoid operated remote valve.	PE213S	3-Way	9599†	Advance Hold Return	115V - 15 amps 230 V - 7.5 amps	1 hp 115/230 Volt 60 Hz††, Single Phase	590 cu. in.

DOUBLE-ACTING

Description	Order No.	Valve			Max. Amp Draw @ 10,000 psi	Motor	Reservoir (Usable)
		Type	No.	Function			
1 h.p. pump with 2½ gal. reservoir and manual valve.	PE214	4-Way	9506*	Advance Hold Return	115V - 15 amps 230 V - 7.5 amps	1 hp 115/230 Volt 60 Hz††, Single Phase	590 cu. in.
PE214, except has solenoid operated remote valve.	PE214S	4-Way	9512†	Advance Hold Return	115V - 15 amps 230 V - 7.5 amps	1 hp 115/230 Volt 60 Hz††, Single Phase	590 cu. in.

* Manual valve. Pump is equipped with RUN/OFF/PULSE switch for control of motor.

† Solenoid valve. Pump is equipped with a remote control switch with 10 ft. cord.

†† Prewired at factory for this voltage. PE21 series available in 230V 60Hz or 220V 50Hz. Please specify when ordering. Example: for 60Hz order PE213-230; for 50Hz order PE213-50-220.

‡ Some Power Team pumps are available in special configurations not listed in this catalog. Power Team can "Assemble to Order" pumps with special seals, voltages, valves, relief valve settings, etc. For your special requirements please consult your local distributor or the Power Team factory.