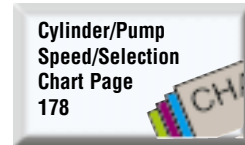
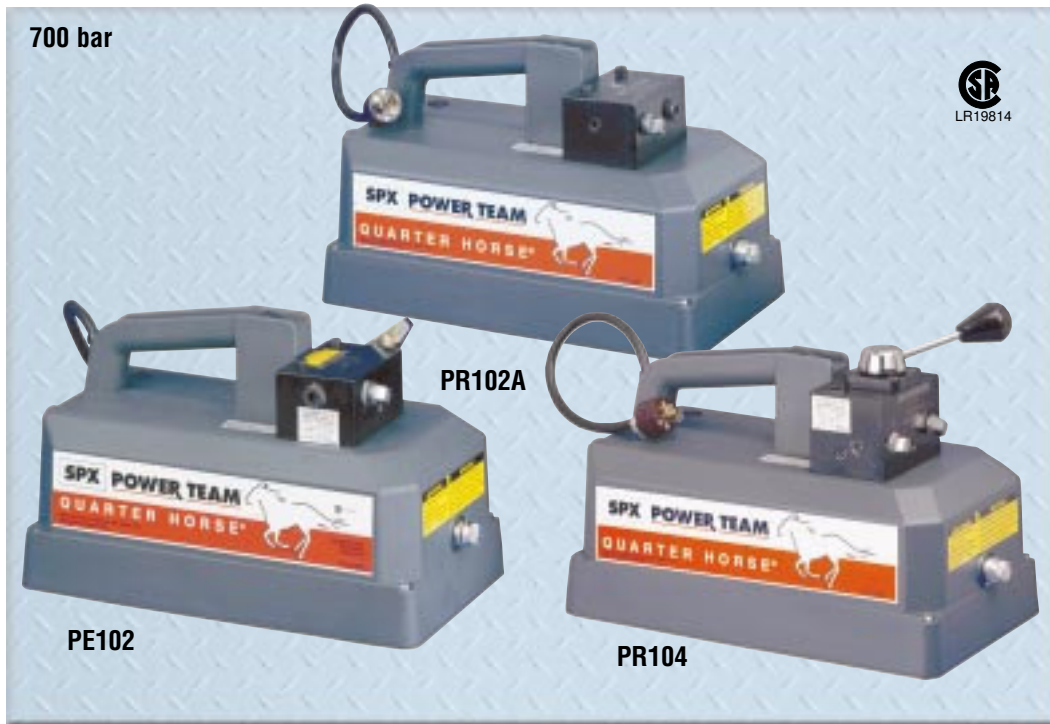


Electric/Battery Hydraulic Pumps

164 cu. cm./min. – .19 kW (PE10 & PR10 Series)

Two-speed high performance in compact package. Electric and battery powered models excellent for powering tools and generally recommended for cylinders up to 25 ton.

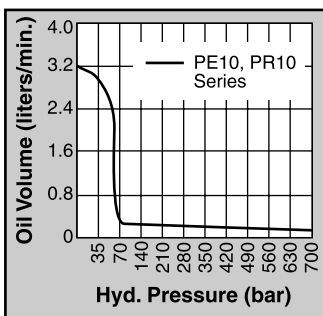


- The Quarter Horse® is a perfect portable power source for hydraulic cylinders, spreaders, punches, nut splitters, pipe flange spreaders and other tools. Pump w/oil weighs just 9.1 kg.
- Powered by a .19 kW, 6,000 rpm, permanent magnet motor that starts easily under load, even with reduced voltage conditions.
- Pumps for 200 and 350 bar operating pressures also available: consult factory.



The Quarter Horse pump has a maximum operating pressure of 700 bar, which handles a wide variety of hand held hydraulic tools.

PERFORMANCE



- Battery-operated models have 2.4 meter power cord with alligator clips to connect to any 12 volt battery.
- Optional rechargeable battery pack with shoulder strap for maximum portability.
- Pump typically delivers 15 minutes of continuous operation at 700 bar on a single battery.
- Bladder type reservoir (1 liter usable) enables pump to be operated in any position.
- The optional, externally-adjustable pressure regulator can be easily installed on all pumps.
- Optional 24 volt hand and foot switches available for all AC powered pump models.
- High-impact housing with flame-retardant construction.
- Base mounting holes for fixed installations if desired.

ACCESSORIES



BP12VQ – Optional 12 volt battery pack. Includes sealed lead acid battery, 115V charger, 1.2 m cord, carrying case and shoulder strap. Wt., 8 kg.



BP12INT – Battery with cord and carrying case. Wt., 5 kg.

RB12V – Replacement battery only. Wt., 4.7 kg.

RC12V – Replacement 1.2 m battery cord only. Wt., 0.2 kg.



Battery Charger Only – Will recharge RB12V battery in 4 hrs. See below for part no.

BC212 – Battery charger for U.S.A. Wt., 3 kg.

BC212EUR – Battery charger for Europe. Wt., 3 kg.

25017 – Remote hand control with 3 m cord. Wt., 0.4 kg

9560 – Pressure regulator. Adjustable from 70 to 700 bar. All mounting hardware included. Wt., 1.4 kg.



251660 – Foot switch with 3 m cord. Single pole, double throw, 15 amp @ 125-250 VAC. Wt., 0.45 kg.

SPECIFICATIONS AND DIMENSIONS

Pump No.	Max. Pressure Output	dBa at idle and 700 bar	Oil Delivery (liters./min.)		Overall Dimensions (mm)	Prod. Weight with Oil (kg)
			0-30 bar	700 bar		
PE10 Series	700 bar	68-74*	1.9	0.16	330L x 197W x 203	9.1
PR10 Series						

* Measured at 0.9 meter distance, all sides.

NOTE: PR10 rechargeable model is equipped with 2.4 meter cord with alligator clips. Order optional battery pack (No. BP12VQ) or use with any 12 volt battery.

NOTE: High pressure flow on 350 bar unit is .32 L/min. Flow on 200 bar unit is .48 L/min. Consult factory for further information.

NOTE: Amp draw at 700 bar; 6 amp at 115 volt, 3 amp at 230 volt, and 25 amp at 12 volt.

ORDERING INFORMATION

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Control Switch	Motor	Reservoir Cap.
		Type	No.	Function			
Base model pump with .19 kW motor. Bladder type reservoir, 110 volt power req.	PE102	2-Way/Auto. Dump	9561	Advance Return (Auto.)*	Rocker Type off, Momentary on	.19 kW, 110/115V 50/60 Hz, Single Phase	(1 liter usable)
PE102, except has automatic pump valve.	PE102A	Auto.Dump	9562	Advance Return**	Rocker Type off, Momentary on	.19 kW, 110/115V 50/60 Hz, Single Phase	(1 liter usable)
PE102, except requires 220 volt.	PE102-220	2-Way/Auto. Dump	9561	Advance Return(Auto.)*	Rocker Type off, Momentary on	.19 kW, 220/230V 50/60 Hz, Single Phase	(1 liter usable)
PE102A, except requires 220 volt.	PE102A-220	Auto.Dump	9562	Advance Return	Rocker Type off, Momentary on	.19 kW, 220/230V 50/60 Hz, Single Phase	(1 liter usable)
PE102, except requires 12 volt DC.	PR102	2-Way/Auto. Dump	9561	Advance Return(Auto.)*	Rocker Type off, Momentary on	.19 kW, 12V †	(1 liter usable)
PE102A, except requires 12 volt DC.	PR102A	Auto.Dump	9562	Advance Return**	Rocker Type off, Momentary on	.19 kW, 12V †	(1 liter usable)

DOUBLE-ACTING

Description	Order No.	Valve			Control Switch	Motor	Reservoir Cap.
		Type	No.	Function			
Base model pump has 4-way valve for operating double-acting systems. 110 volt power required.	PE104	4-Way	9563	Advance Hold Return	Rocker Type off, Momentary on	.19 kW, 110/115V 50/60 Hz, Single Phase	(1 liter usable)
PE104, except requires 220 volt.	PE104-220	4-Way	9563	Advance Hold Return	Rocker Type off, Momentary on	.19 kW, 220/230V 50/60 Hz, Single Phase	(1 liter usable)
PE104, except requires 12 volt DC.	PR104	4-Way	9563	Advance Hold Return	Rocker Type off, Momentary on	.19 kW, 12V †	(1 liter usable)

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

** Cylinder advances with motor running and automatically returns with motor shut off.

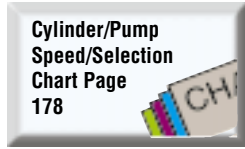
† Comes with an 2.4 m alligator clip cord for 12 volt DC use.

Electric Hydraulic Pumps

278.8 cu. cm./min. — .37 kW (PE17 Series)

Two-speed high performance at a low price. Ideal for maintenance and construction applications where low voltage is a concern. Generally recommended for cylinders up to 55 ton.

PUMPS

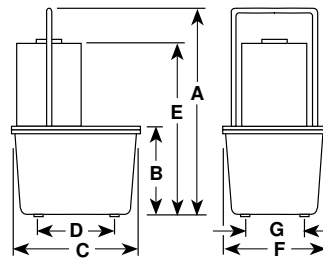


- For use with single-acting or double-acting cylinders at operating pressures to 700 bar.
- PE17 series is for intermittent duty; starts under full load.
- Equipped with .37 kW, 2,874 rpm, single-phase, thermal protected induction motor; 3 meter remote control cord (PE172S-50-220 has 7.6 meter cord).
- Low amperage draw; small generators and low amperage circuits can be used as power source.
- All have 7.6 L thermoplastic reservoir except PE172M, PE172AM, PE172SM and PE174M which have 9.5 L metal reservoir. Optional steel reservoirs also available. Order part #213895
- Extremely quiet with noise level ranging from 67-81dBA.

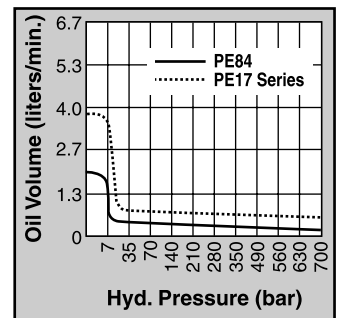
•**IMPORTANT:** Oil temperatures in excess of 65.5° C. may cause permanent failure of the thermoplastic reservoir of PE17 series pumps.

Optional Steel Reservoir

No. 213895 — Steel reservoir for PE172, PE172A, PE172S and PE174. Includes gasket and fasteners.



PERFORMANCE



SPECIFICATIONS AND DIMENSIONS

Pump No.	Max. Press. Output	rpm	dBA at Idle and 700 bar	Amp Draw 220 V - at 700 bar	Oil Del. (liters./min. @)†				Dimensions (mm)							Prod. Wt. With Oil (kg)
					0 bar	7 bar	350 bar	700 bar	A	B	C	D	E	F	G	
PE17 Series	700 bar	2,874	67/81*	5	3.9	2.5	0.3	0.2	470	178	289	181	378	235	130	20.4
PE17M Series	700 bar	2,874	67/81*	5	3.9	2.5	0.3	0.2	460	168	292	N/A	368	241	N/A	24.0
PE17-E220	700 bar	2,874	67/81*	5	3.9	2.5	0.3	0.2	460	168	292	N/A	368	241	N/A	24.0
PE17M-E220	700 bar	2,874	67/81*	5	3.9	2.5	0.3	0.2	460	168	292	N/A	368	241	N/A	24.0

* Measured at 0.9 meter distance, all sides.

† Typical delivery. Actual flow will vary with field conditions.