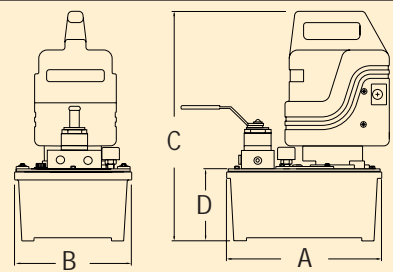




PEM7042

- 14 standard models.
- Permanent magnet motor.
- Suc-O-Matic feature reduces retraction time.
- Two-speed operation provides fast advance.
- Higher crossover for faster cylinder cycle.
- Starts under full load.
- Runs reliably on long extension cords.
- Maximum amperage draw 17 amps.
- Adjustable relief for variable pressure settings.
- Dual ports for easier plumbing.
- Available with optional roll bars.
- Quiet running (80dBA).
- Optional dump pumps come standard with motor pendant switch with 20' cord.

<p>Hydraulic Cylinders pgs. 11-30</p>	<p>Hoses pgs. 70-71</p>	<p>Accessories & Fittings pgs. 68-72</p>



Res. Size	Usable Oil Cap. (cu in)	A	B	C	D
2 GAL.	400	12 1/4	12 1/4	19	5 51/64
5 GAL.	1150	25 3/32	12 1/4	18 17/32	8
10 GAL.	2300	25 3/32	12 1/4	18 7/8	12 1/2
20 GAL.	4600	25 3/32	23 1/2	18 7/8	12 1/2

Roll Bar Dimensions: 25 7/16" L x 20 1/2" H x 16 3/4" W

PE-70 Series 1.5 HP Electric Powered Pumps - 10,000 psi capacity

	Model Number	Reservoir Size (Gal.)	Valve			Motor Specifications	Flow Rate @ 115 VAC	Weight (lbs)		
			Model	Style	Function					
Single-Acting	PEM7022	2	VP2	2 Position 2 Way	Manual Lever Actuated	1.5 HP Single Phase Permanent Magnet 115 VAC 50/60 Hz 17 amps at 10,000 PSI	400 cu. in. @ 1,200 PSI	66		
	PEM7025	5	VP2					124		
	PEM7032	2	VP3*	3 Position 3 Way	Remote Solenoid Actuated			71		
	PEM7035	5	VP3*					129		
	PEM7052	2	VPL3*					Locking	130	
	Double-Acting	PES7032	2	VPS3*	Standard			Remote Solenoid Actuated	50 cu. in. @10,000 PSI	73
		PES7035	5	VPS3*						131
PES7052		2	VPSL3*	Locking	73					
PEM7042		2	VP4	Standard	Manual Lever Actuated	71				
PEM7045		5	VP4			129				
PEM7062		2	VPL4	Locking	73					
PES7042		2	VPS4	Standard	Remote Solenoid Actuated	73				
PES7045	5	VPS4	131							
PES7062	2	VPSL4	Locking			73				

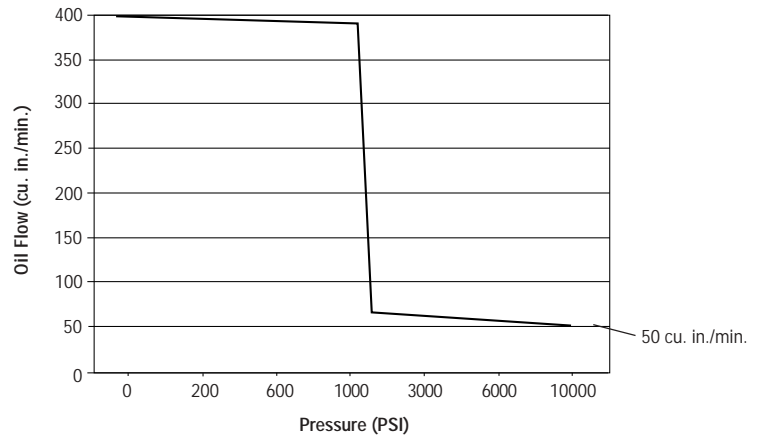
For more information on valve models, see pages 63-67.

* Includes Suc-O-Matic.



Simplex 70 Series pump & 50 ton flat jack cylinders makes easy work of bridge lifting. "We had to make complete bearing change outs on 90 bridges along Interstate 80. The Simplex 70 Series pump with its permanent magnet motor just kept running even with long extension cord and portable generator power."

PERFORMANCE CHART



70 SERIES POWER PUMP OPTIONS

PUMP CONTROL DEVICES



- PPM - Motor Control Pendant
 - PES - Valve Directional Control Pendant
 - PPS - Motor Control & Valve Directional Control Pendant (dual switch)
- All pendants include 20' cord.



- PFM - Motor Control Foot Switch
- Includes 20' cord.

PUMP PROTECTION



- P03 - Roll Bars
- For 1, 2 & 5 gallon reservoirs only. Order (1) under Options in the Custom Build Chart.



- P04 - Heat Exchanger & Filter.
- Order (2) under Option in the Custom Build Chart. Replacement Filter, order number PO5E.

- Pressure Switch
- Order (6) under Option in the Custom Build Chart.

ALL PUMP OPTIONS ARE FACTORY INSTALLED

CUSTOM BUILD

Using the chart below you can add roll bars, different size reservoirs or other options.

Description	Model	Selections								
Product	P	Power Pump								
Motor Control Options	E	E = No Options P = Pendant Switch F = Foot Switch								
Valve Style	S	S = Solenoid M = Manual D = Dump								
Pump Series	7	1.5 HP 115 VAC 50/60 Hz, Permanent Magnet Motor								
Options	0	<table border="0"> <tr> <td>0 = No Options</td> <td>4 = Filter only</td> </tr> <tr> <td>1 = Roll Bars only</td> <td>5 = Roll Bars & Filter</td> </tr> <tr> <td>2 = Heat Exchanger & Filter</td> <td>6 = Pressure Switch</td> </tr> <tr> <td>3 = Roll Bars Plus Heat Exchanger & Filter</td> <td>7 = Pressure Switch Plus Heat Exchanger & Filter</td> </tr> </table>	0 = No Options	4 = Filter only	1 = Roll Bars only	5 = Roll Bars & Filter	2 = Heat Exchanger & Filter	6 = Pressure Switch	3 = Roll Bars Plus Heat Exchanger & Filter	7 = Pressure Switch Plus Heat Exchanger & Filter
0 = No Options	4 = Filter only									
1 = Roll Bars only	5 = Roll Bars & Filter									
2 = Heat Exchanger & Filter	6 = Pressure Switch									
3 = Roll Bars Plus Heat Exchanger & Filter	7 = Pressure Switch Plus Heat Exchanger & Filter									
Valve Type	3	<table border="0"> <tr> <td>3 = 3 Way 3 Position</td> <td>6 = 4 Way Locking Style</td> </tr> <tr> <td>4 = 4 Way 3 Position</td> <td></td> </tr> <tr> <td>5 = 3 Way Locking Style</td> <td></td> </tr> </table>	3 = 3 Way 3 Position	6 = 4 Way Locking Style	4 = 4 Way 3 Position		5 = 3 Way Locking Style			
3 = 3 Way 3 Position	6 = 4 Way Locking Style									
4 = 4 Way 3 Position										
5 = 3 Way Locking Style										
Reservoir Size	5	<table border="0"> <tr> <td>2 = 2 Gallon</td> <td>6 = 10 Gallon</td> </tr> <tr> <td>5 = 5 Gallon</td> <td>7 = 20 Gallon</td> </tr> </table>	2 = 2 Gallon	6 = 10 Gallon	5 = 5 Gallon	7 = 20 Gallon				
2 = 2 Gallon	6 = 10 Gallon									
5 = 5 Gallon	7 = 20 Gallon									
Motor Voltage		Blank = 115 VAC Single Phase A = 230 VAC Single Phase								