

POWER PUMPS

ELECTRIC 3 HP 50 SERIES



PEM5045

- 12 standard models.
- Suc-O-Matic feature reduces retraction time.
- Two-speed operation for fast advance.
- Higher crossover for faster cylinder cycle.
- 3 HP / 3 phase dual voltage motors (230/460).
- Starter box standard on all models.
- Adjustable relief for variable pressure settings.
- Dual ports for easier plumbing.
- Quiet running (80dBA).

Res. Size	Usable Oil Cap. (cu in)	A	B	C	D	E
5 GAL.	1150	19 5/8	12 5/16	18 5/16	8	25 3/32
10 GAL.	2300	19 5/8	12 5/16	23 3/4	12 1/2	25 3/32
20 GAL.	4600	19 5/8	23 1/2	23 3/4	12 1/2	25 3/32

Hydraulic Cylinders pgs. 11-30	Hoses pgs. 70-71	Accessories & Fittings pgs. 68-72

PE-50 Series 3 HP Electric Powered Pumps - 10,000 PSI capacity

	Model Number	Reservoir Size (Gal.)	Valve			Motor Specifications	Flow Rate	Weight (lbs)
			Model	Style	Function			
Single-Acting	PEM5035	5	VP3*	Standard	Manual Lever	3 HP Three Phase 230/460 volts 10 amps @ 230 volt	650 cu. in. @1,500 PSI	162
	PEM5036	10	VP3*					217
	PEM5056	10	VPL3*	Locking	3 Position 3 Way			218
	PES5035	5	VPS3*					Standard
	PES5036	10	VPS3*	220				
	PES5056	10	VPSL3*	Locking	221			
Double-Acting	PEM5045	5	VP4	Standard	Manual Lever	3 HP Three Phase 230/460 volts 10 amps @ 230 volt	110 cu. in. @10,000 PSI	162
	PEM5046	10	VP4					217
	PEM5066	10	VPL4	Locking	3 Position 4 Way			218
	PES5045	5	VRS4					Standard
	PES5046	10	VRS4	220				
	PES5066	10	VRSL4	Locking	221			

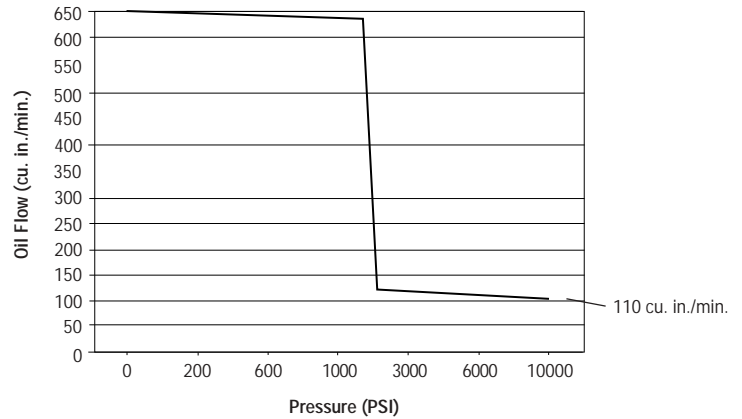
For more information on valve models, see pages 63-67.

* Includes Suc-O-Matic

PERFORMANCE CHART



Simplex 50 Series pump & high tonnage press are used for many different pressing jobs. "The Simplex pump has been running trouble free for over six years. This is some of the most reliable equipment we have in our shop."



3 HP 3 phase motor comes complete with thermal overload protection, motor starter and heater elements as standard equipment.

CUSTOM BUILD

Using the chart below you can add 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
Pump Series	5	3 HP, 230/460 VAC 3 Phase Motor/w Starter Box
Options	2	0 = No Options 2 = Heat Exchanger & Filter 4 = Filter only
Valve Type	3	3 = 3 Way 3 Position 5 = 3 Way Locking Style 4 = 4 Way 3 Position 6 = 4 Way Locking Style
Reservoir Size	5	5 = 5 Gallon 7 = 20 Gallon 6 = 10 Gallon
Motor Voltage*		Blank = 230 VAC Three Phase A = 460 VAC Three Phase

50 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.

Pendant & foot switch options include starter box.

PUMP PROTECTION



- P04 - Heat Exchanger & Filter.
- Order (2) under Option in the Custom Build Chart.
Replacement Filter order, number P05E.

ALL PUMP OPTIONS ARE FACTORY INSTALLED