

# ELECTRIC PUMP

## PE55 Vanguard®

55 cu. in./min.

For cylinders up to 200 tons.

A HEAVY DUTY PUMP FOR MULTIPLE APPLICATIONS: HEAVY CONSTRUCTION, CONCRETE STRESSING WITH LOW VOLTAGE STARTING POTENTIAL.

- 1 $\frac{1}{8}$  hp, 12,000 rpm, 110/115 volt, 50/60 Hz universal motor; draws 25 amps at full load, starts at reduced voltage. CSA rated for intermittent duty.
- 10 foot remote motor control (except PE552S which has a 25 foot remote motor and valve control).
- True unloading valve achieves greater pump efficiency, allowing higher flow at maximum pressure.
- Reservoirs available in sizes up to 10 gallons. See accessories page 133.

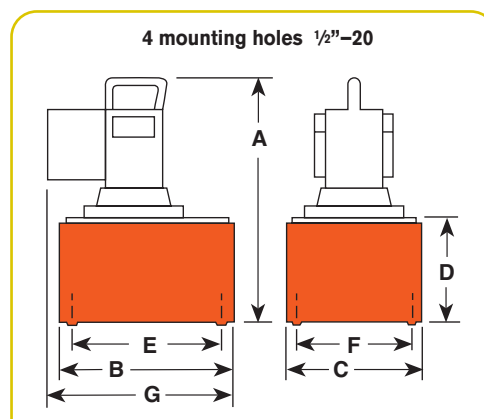
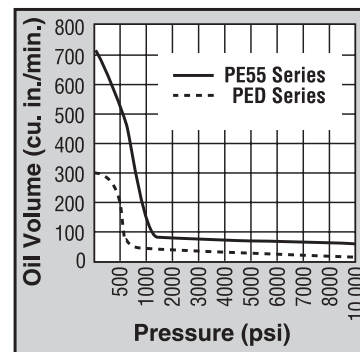
- Light weight and portable. Best weight-to-performance ratio of all Power Team pumps.
- "Assemble-to-Order" System: There are times when a custom pump is required. Power Team's "Assemble to Order" system allows you to choose from a wide range of pre-engineered, off-the-shelf components to build a customized pump to fit specific requirements. By selecting standard components you get a "customized" pump without "customized" prices. All pumps come fully assembled, add oil and ready for work. See pages 100-103.



PE55TWP  
Torque  
Wrench  
Applications  
See page 173



PE554W  
Weather-resistant model



| Pump No.    | Max. Pressure Output (psi) | rpm    | dBa at Idle and 10,000 (psi) | Amp Draw at 10,000 psi (115 V.)** | Oil Del. (cu. in./min. @) |     |    |    | A (in.)          | B (in.)          | C (in.)         | D (in.) | E (in.) | F (in.) | G (in.) | H (in.) | Prod. Wt. w/Oil (lbs.) |
|-------------|----------------------------|--------|------------------------------|-----------------------------------|---------------------------|-----|----|----|------------------|------------------|-----------------|---------|---------|---------|---------|---------|------------------------|
| PE55 Series | 10,000                     | 12,000 | 90/89*                       | 25                                | 704                       | 440 | 74 | 56 | 18 $\frac{1}{4}$ | 11 $\frac{1}{2}$ | 9 $\frac{1}{2}$ | 7       | 10      | 8       | 14      | -       | 65                     |

\*Noise level reading (dBA) measured at a 3 ft. distance, all sides.

\*\* Amp draw at 10,000 psi, 230 Volts 50/60 Hz is 15 Amps.



10,000 psi



| For use with<br>Cyl. Type | Description   | Order<br>No.*** | Valve<br>Type | Valve<br>No. | Valve<br>Function                | Control<br>Switch††     | Motor  | Reservoir<br>Usable<br>(cu. in.) |
|---------------------------|---|-----------------|---------------|--------------|----------------------------------|-------------------------|--|----------------------------------|
| Single-Acting             | Base model 1 1/8 hp pump with 2 1/2 gal. reservoir, remote motor control & 3-way valve.               | <b>PE552</b>    | 3-Way         | 9582         | Advance<br>Return**              | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Single-Acting             | PE552, except also has solenoid operated remote valve.  | <b>PE552S</b>   | 3-Way         | 9579         | Advance Hold<br>Return           | Remote Motor<br>& Valve | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Single-Acting             | PE552, except has "Auto Dump" valve.  | <b>PE552A</b> ∞ | Auto/Dump     | 9610         | Advance<br>Return                | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Single-Acting             | 1 1/8 hp pump with 2 1/2 gal. reservoir. Valve has "Posi-check" feature.                              | <b>PE553</b>    | 3-Way†        | 9520         | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | Base model 1 1/8 hp pump with 2 1/2 gal. res. and 4-way valve for double-acting systems.              | <b>PE554</b>    | 4-Way†        | 9506         | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | Weather-resistant model 1 1/8 hp pump with 2 1/2 gal. res. and 4-way valve for double-acting systems. | <b>PE554W</b>   | 4-Way†        | 9506         | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | PE554, except has 9500 tandem center valve.   | <b>PE554T</b>   | 4-Way         | 9500         | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | For use with single-acting Spring Seat, Stressing Jack or double-acting cylinder.                     | <b>PE554P</b>   | 4-Way         | 9500         | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | For use with single-acting or double-acting Power Seat, Stressing Jacks ONLY.                         | <b>PE554PT</b>  | 4-Way         | 9628         | Advance Hold<br>Sequenced Return | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | Pump suitable to run multiple spring return tools.  | <b>PE554C</b>   | 4-Way         | 9511†††      | Advance Hold<br>Return           | Remote Motor            | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |
| Double-Acting             | Pump equipped with 3/4-way solenoid valve.  | <b>PE554S</b>   | 3/4-Way       | 9592         | Advance Hold<br>Return**         | Remote Motor<br>& Valve | 1 1/8 hp*, 110/115 VAC<br>50/60 Hz, Single Phase | 525                              |

\* Pumps available with 230 volt, 60/50 Hz motors. Specify voltage when ordering. See "Assemble to Order" pump options on pp 100-103.

\*\* Holds with motor shut off.

\*\*\* To order PE55 series pumps with CSA approval, add "-C" to the Order No.

† Valves have *Posi-Check*® feature.

†† All remotes are 10 ft. long except for PE552S which is 25 ft. long.

††† Valving allows alternate and independent operation of two different spring return tools. Valve holds pressure only while valve is in "A" or "B" port position with pump motor shut off.

∞ Not to be used for lifting applications.