

Model Shown:

PE182, PE183-2, PE183C

Pumps



Features

IDEAL FOR USE WITH SMALL HYDRAULIC POWER TOOLS.

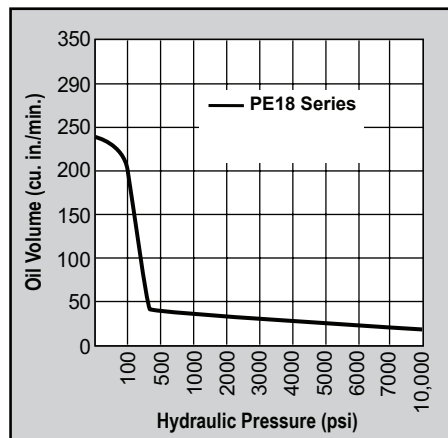
- Vanguard Jr.® pumps provide two-speed high-performance in a light-weight, compact package.
- Gauge port provided on pump. Metal reservoir on all models.
- Equipped with a 1/2 hp, 115VAC, 60/50 Hz single-phase motor that starts under load, even at reduced voltage.
- Low amperage draw permits use with smaller generators and low amperage circuits.
- All pumps have a 10 foot remote control (PE183C has 25 foot remote control).
- Noise level of 85-90 dBA.
- CSA rated for intermittent duty.

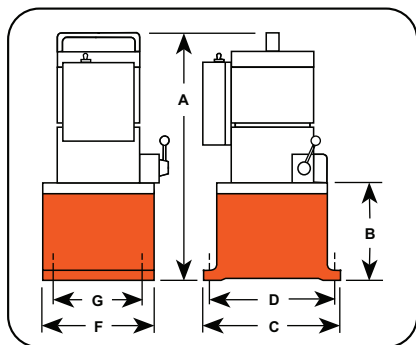


For operating hydraulic crimping, cutting or other tools:

- **PE183C** - For crimping or pressing applications. Has special electrical circuitry to pulse/advance, hold at full pressure, build to a predetermined pressure, release and reset circuit. Features separate emergency return switch.
- **PE184C** - Allows operator to alternately operate a spring-return cutting and/or crimping tool without disconnecting either tool. Select port connection with manual 4-way valve, start pump with remote control hand switch and extend connected tool. When hand switch is switched to off, pump stops and automatic valve opens, allowing tool to return. In center (neutral) position, manual control valve holds tool in position at time valve is shifted.

Performance Specifications





Technical Dimensions

Order No.	A	B	C	D	F	G	Max. Pressure Output	rpm	dBA at Idle and 10,000	Amp Draw 115VAC at 10,000	Oil Del. (cu. in./min. @) †				Prod. Wt. with Oil (lbs.)
	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)					0	100	5,000	10,000	
PE182	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00
PE183	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00
PE183A	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00
PE184	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00
PE183-2*	18.50	7.25	11.50	10.00	9.50	8.00	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	42.00
PE184-2*	18.50	7.25	11.50	10.00	9.50	8.00	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	42.00
PE183C ††	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00
PE184C ††	16.00	4.75	8.00	7.13	6.00	5.13	10,000	12,000	85/90**	10.2 Amps	230	190	25	18	30.00

* 2.5 gal. reservoir.

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

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

†† Special application pumps for cutting, crimping or pressing.

Ordering Information

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve Function	Control Switch	Motor	Reservoir Usable Oil Cap. (cu. in.)
Single-Acting	1/2 hp pump with 2-Way valve and 0.5 gallon reservoir.	PE182	2-Way	Advance Return†	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104
Single-Acting	1/2 hp pump with 3-Way valve and 0.5 gallon reservoir.	PE183	3-Way	Advance Hold Return	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104
Single-Acting	1/2 hp pump with 3-Way valve and 2 gallon reservoir.	PE183-2	3-Way	Advance Hold Return	Remote Control (10 ft.)	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	525††
Single-Acting	1/2 hp pump with dump valve and 0.5 gallon reservoir.	PE183A∞	Auto./Dump Pump	Advance Return	Remote (10 ft.)	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104
Single-Acting	Special crimping pump.	PE183C∞	Special, for crimping only	Advance Hold Return†	Remote Motor Control (25 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104
Single-Acting, Double-Acting	1/2 hp pump for double-acting systems with 0.5 gallon reservoir.	PE184	4-Way	Advance Hold Return	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104
Single-Acting, Double-Acting	1/2 hp pump for double-acting systems with 2 gallon reservoir.	PE184-2	4-Way	Advance Hold Return†	Remote Motor Control (10 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	525††
Single-Acting, Double-Acting	Special crimping pump.	PE184C*	4-Way	Advance Return	Remote Control (10 ft.) on/off	1/2 hp, 110/115VAC** 50/60 Hz, A.C., Single-Phase	104

* Also for use with special single-acting cylinder applications.

** Available with 220VAC, 60/50 Hz motor (to order, place suffix "50-220" behind pump order number). Specify voltage when ordering.

† Holds when motor is shut-off and valve is in "advance" position.

†† Pumps supplied with 2 gallon oil (usable oil is 355 cu. in.), will hold 2.50 gallon when filled to within 1.50" below reservoir cover plate.

∞ Not to be used for lifting.