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## INFINITE STAGE PUMP



pump.

**INFINITE STAGE PUMP**

The SPX PE45 is an Infinite Stage Pump which increases productivity on the job by providing continuous pressure for up to 2x the speed of typical 2-stage pumps. Jobs get done faster and easier.

**Quality means Lower Life-Cycle Costs:**

- Over 100,000 cycles
- Continuous duty up to 50°C / 122°F ambient (optional)
- Proven design: proven reliability

**Enhanced Usability:**

- Portable: 71 lbs. (without oil)
- Up to four tools on one pump
- Removable control pendant (15 ft / 5 m cord length)
- Improved oil filtration
- Universal Motor for reduced voltage applications (up to -20% nominal voltage)
- 4-way valve (not for lifting applications)

**Designed with Safety in Mind:**

- Easily adjusted pressure regulator (relief valve)
- Fixed 1500 psi / 103 Bar pressure retract relief valve

# ISP Technology: The Next Generation is Here

**Power Team** has long been the market leader in high pressure hydraulic pumps due to durability, ease of use and life cycle cost benefits. Power Team introduces Infinite Stage Pump Technology – the first continuous pressure hydraulic pump that results in up to 200% speed improvement - making jobs faster and easier.



## INFINITE STAGE PUMP

### Specifications and Dimensional Data

**Size:** (L x W x H): 17.7" x 14.0" x 26.6"  
45 cm x 35.6 cm x 67.5 cm

**Weight:** Lbs/Kg: 71 lbs / 32.2 kgs (without Oil)

**Maximum Oil Capacity:** (vented reservoir)  
1.5 Gallons / 6.75 L (to fill line)  
1.12 Gallons / 5.1 L (useable)

**Operating Environment:**

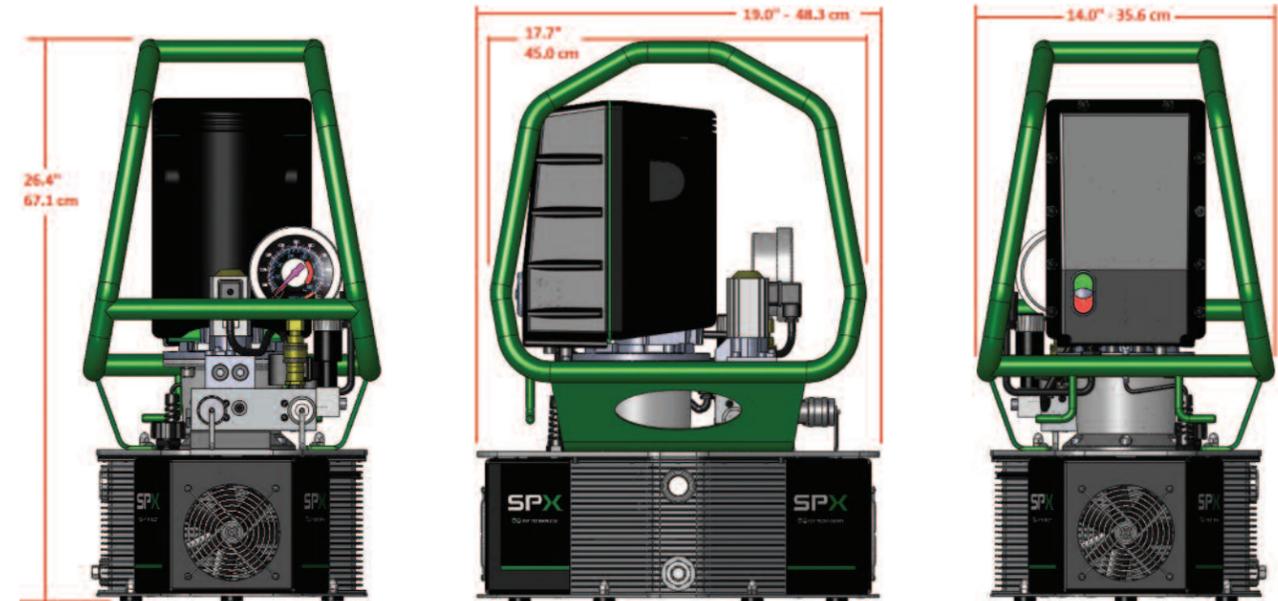
Temperature: -13°F to 122°F / -25°C to +50°C  
(If temperatures are at extremes of the operating range, it is recommended to use hydraulic oils that are rated for those temperatures. Refer to service manuals and cooling options)

**Sound Level:** 87 – 92 dB

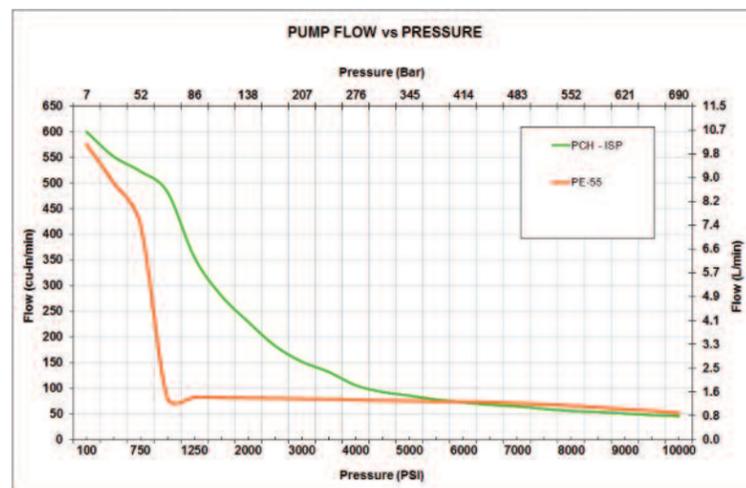
**Pressure:** 0 – 10,000 psi (0 – 690 bar)

**Typical Flow:** 575 cu-in/min –  
48 cu-in/min 9.4 L/min – 0.8 L/min

**Power:** 1.8 HP Universal Motor  
( 115 volt – 50/60 Hz ) 17 amps  
( 230 volt – 50/60 Hz ) 8.5 amps



Typical Flow Curve:



Order No.	Description
PE45LEE4PRS	110/115VAC, single port
PE45YEE4PRS	110/115VAC, single port, plug
PE45YEE4CPRS	110/115VAC, single port, plug, with cooling option
PE45YEE4CMPRS	110/115VAC, 4 port, plug, with cooling option
PE45YEE4MPRS	110/115VAC, 4 port, plug
PE45LEE4CPRS	110/115VAC, single port, with cooling option
PE45LEE4CMPRS	110/115VAC, 4 port, with cooling option
PE45LEE4MPRS	110/115VAC, 4 port
PE45PEE4PRS	220/230VAC, single port
PE45PEE4CPRS	220/230VAC, single port, with cooling option
PE45PEE4CMPRS	220/230VAC, 4 port, with cooling option
PE45PEE4MPRS	220/230VAC, 4 port



Shown with Cooling Option