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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:

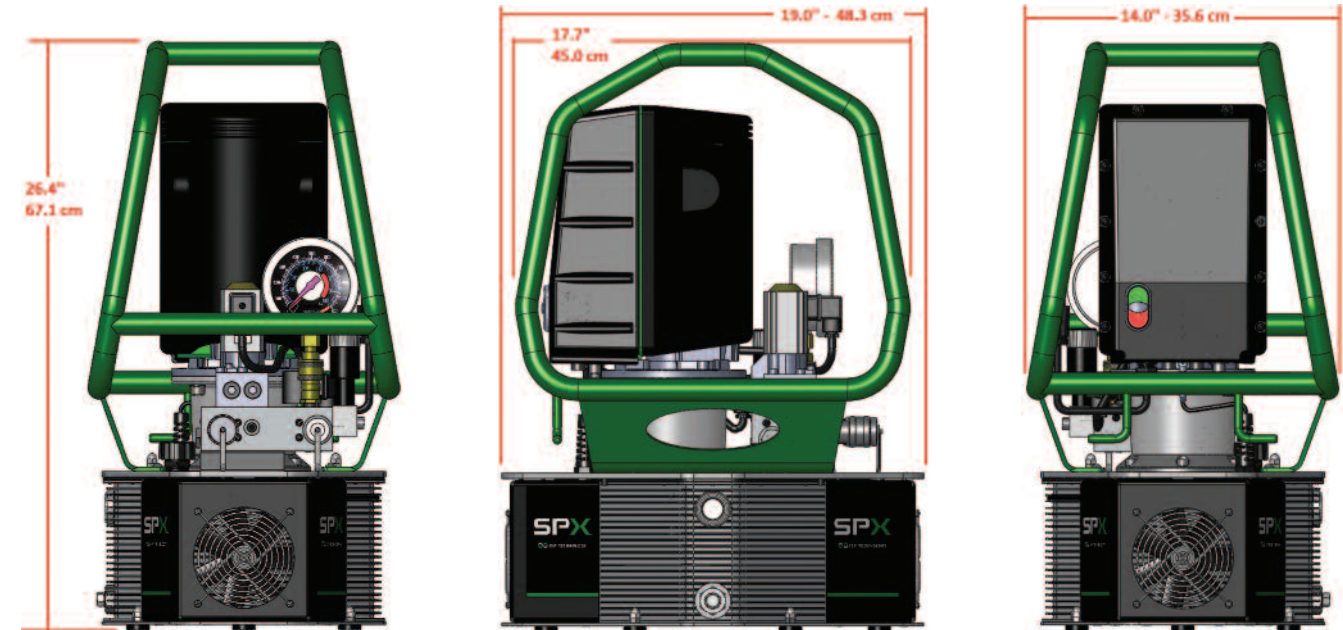
Temperature: -13°F to 122°F / -25°C to +50°C
(If temperatures are at extremes of the operating range, it is recommended to use hydraulic oils that are rated for those temperatures. Refer to service manuals and cooling options)

Sound Level: 87 – 92 dB

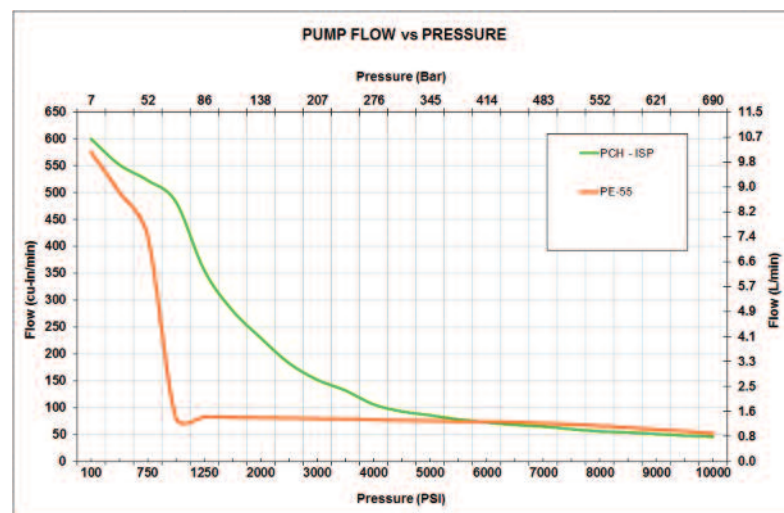
Pressure: 0 – 10,000 psi (0 – 690 bar)

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

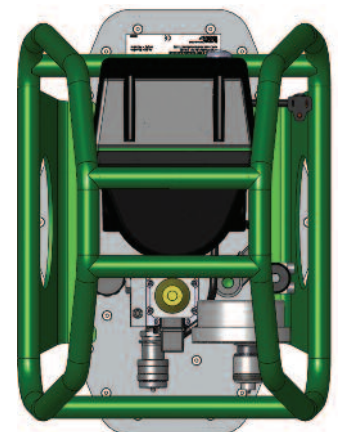
Power: 1.8 HP Universal Motor
(115 volt – 50/60 Hz) 17 amps
(230 volt – 50/60 Hz) 8.5 amps



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