


INFINITE STAGE PUMP - AIR



INFINITE STAGE PUMP

The SPX PA60A 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.

- Quiet operation
- Light weight for easy portability
- Rugged construction for durability in tough environments
- Fewer parts for lower service costs
- CE
-  II 2 GDc T4



pump.

INFINITE STAGE PUMP - AIR

TECHNICAL DATA

MAXIMUM HYDRAULIC PRESSURE OUTPUT

10,000 psi (689 bar)

SOUND LEVEL

76 dBA

HYDRAULIC OIL RESERVOIR CAPACITY

1.5 gal (5.68 L) useable min. on base tank

REQUIRED AIR PRESSURE

80 cfm @ 80 psi (2.3 m³/min @ 5.5 bar)

90 cfm @ 90 psi (2.5 m³/min @ 6.2 bar)

100 cfm @ 100 psi (2.8 m³/min @ 6.9 bar)

* Values shown are with filter/regulator/lubricator.

Values will increase without FRL.



Order No.

Description

PA60APF5FMP

PUMP, ISP 60 CU-IN/MIN, AIR/HYD, 4-PORT

PA60APF5FMPR

PUMP, ISP 60 CU-IN/MIN, AIR/HYD 4-PORT, Roll Cage

PA60APF5FP

PUMP, ISP 60 CU-IN/MIN, AIR/HYD

PA60APF5FPR

PUMP, ISP 60 CU-IN/MIN, AIR/HYD, Roll Cage

Specifications



HEIGHT = 20.1 in (51 cm)

WIDTH = 11.8 in (30 cm)

LENGTH = 18.1 in (46 cm)

WEIGHT = 79 lb (35.8 kg) with 1.25 gal (4.7 L) hydraulic oil

HYDRAULIC OIL DELIVERY

@ 100 cfm

@ 90 cfm

@ 80 cfm

750 psi
51 bar

575 in³/min
(9.4 L/min)

567 in³/min
(9.3 L/min)

541 in³/min
(8.9 L/min)

2,500 psi
172 bar

233 in³/min
(3.8 L/min)

225 in³/min
(3.7 L/min)

211 in³/min
(3.4 L/min)

5,000 psi
344 bar

115 in³/min
(1.9 L/min)

111 in³/min
(1.8 L/min)

102 in³/min
(1.7 L/min)

10,000 psi
689 bar

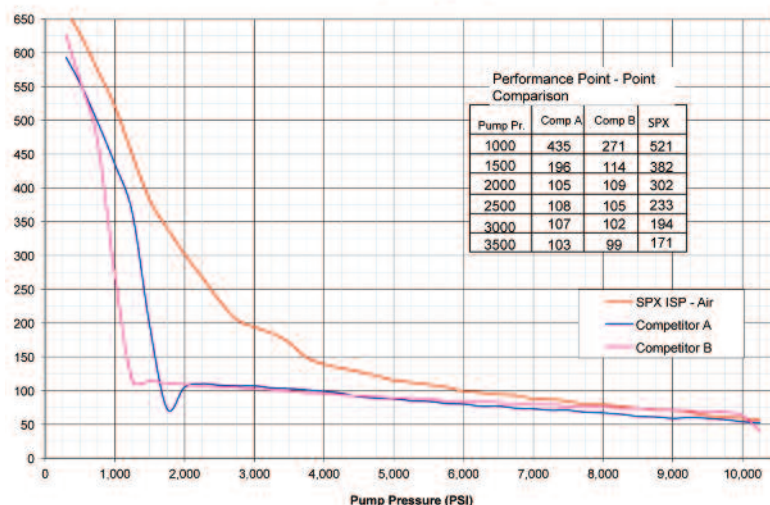
57 in³/min
(0.9 L/min)

55 in³/min
(0.9 L/min)

46 in³/min
(0.8 L/min)

Typical Flow Curve:

Performance comparison @100 psi



Notes:
- Units tested with regulator/filter/
lubricator fixed on unit
- Supply air pressure measured before
regulator/filter/lubricator

BOLTING SYSTEMS
spxboltingsystems.com
powerteam.com

COMPACT TORQUE WRENCH PUMP



COMPACT TORQUE WRENCH PUMP

The SPX PE39 is compact and capable of being used in a vertical or horizontal orientation. It is based on proven pump design for reliability in rugged torque wrench applications to support operation and maintenance requirements.

Quality means Lower Life-Cycle Costs:

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

Enhanced Usability:

- Light weight and portable: 39 lbs. / 17.7 kg (without oil)
- Vertical or horizontal operation
- Removable control pendant (15 ft/ 5 m cord length)
- Removable 4" calibration capable gauge
- 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



pump.

COMPACT PUMP

Specifications and Dimensional Data



Size: (L x W x H): 13.8" x 10.8" x 23.7"
35 cm x 27.4 cm x 60 cm

Weight: Lbs/Kg: 39 lbs / 17.7 kg (without Oil)

Maximum Oil Capacity: (non-vented reservoir)

0.5 Gallons / 1.89 L (to fill line)

0.4 Gallons / 1.51L (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: 225 cu-in/min – 39 cu-in/min

3.7 L/min – 0.64 L/min

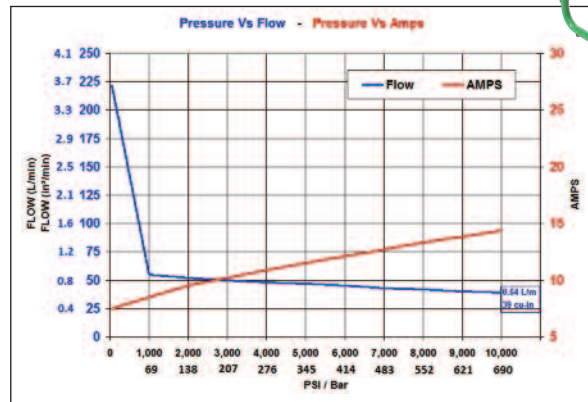
Power:

1.3 HP Universal Motor

(115 volt – 50/60 Hz) 14.5 amps

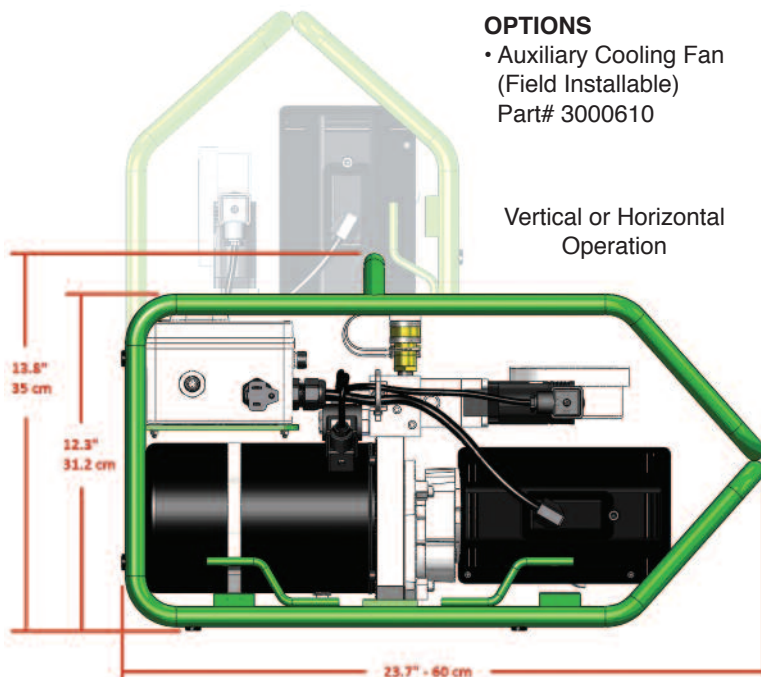
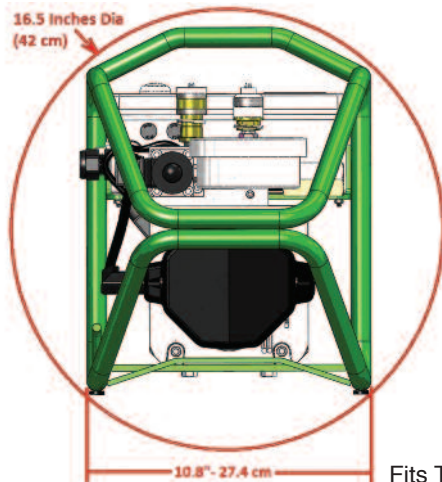
(230 volt – 50/60 Hz) 7.2 amps

Typical Flow Curve:



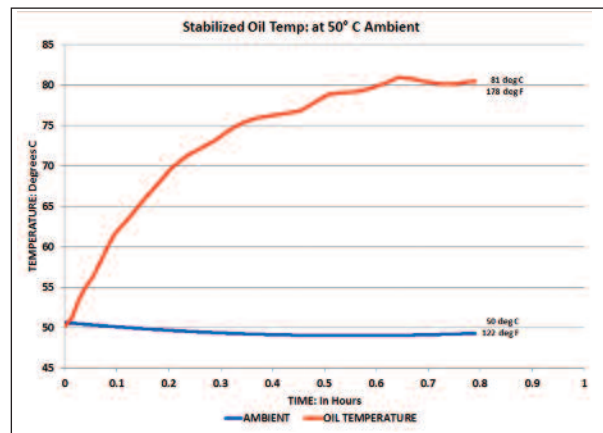
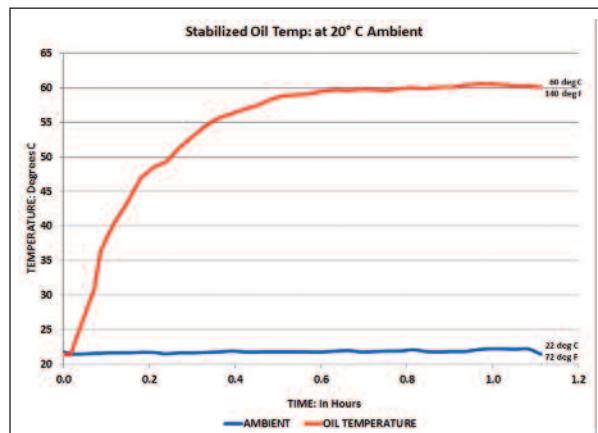
OPTIONS

- Auxiliary Cooling Fan (Field Installable)
Part# 3000610



Vertical or Horizontal Operation

Fits Through 16.5" (42 cm) Opening



Order No.
PE39YED1PR 110/115VAC
PE39PED1PR 220/230VAC

Order No.
PE39YED1BPR 110/115VAC with cooling option
PE39PED1BPR 220/230VAC with cooling option

BOLTING SYSTEMS
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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 tp 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)

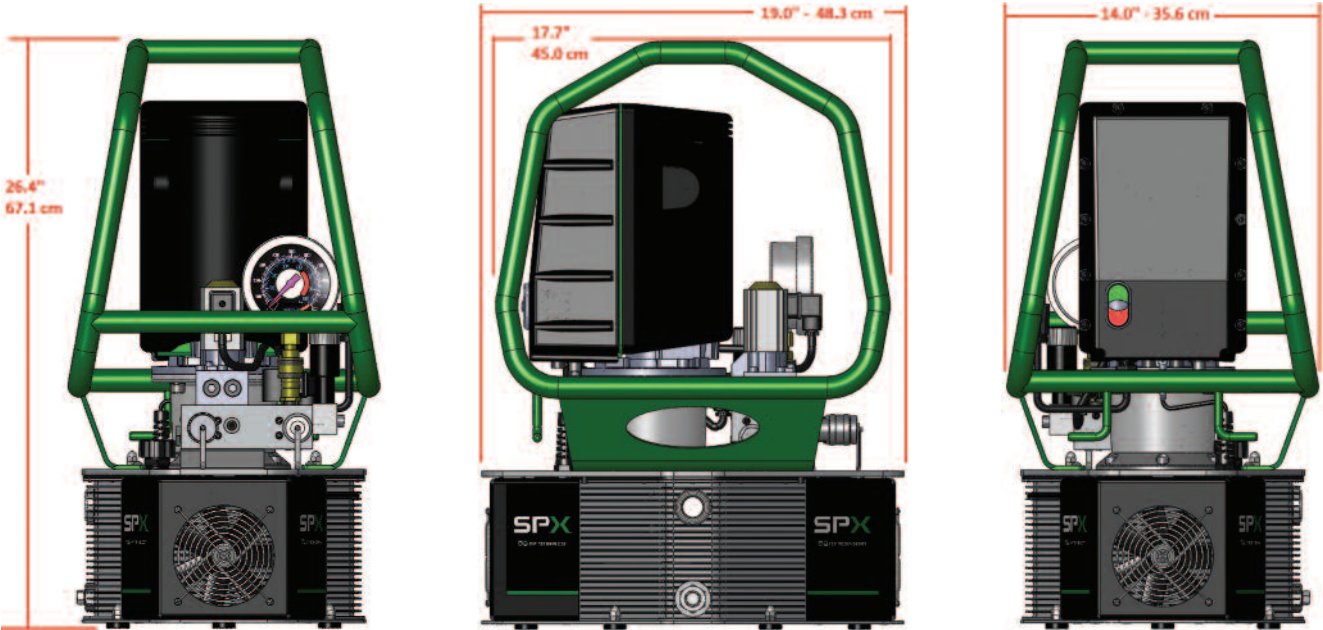
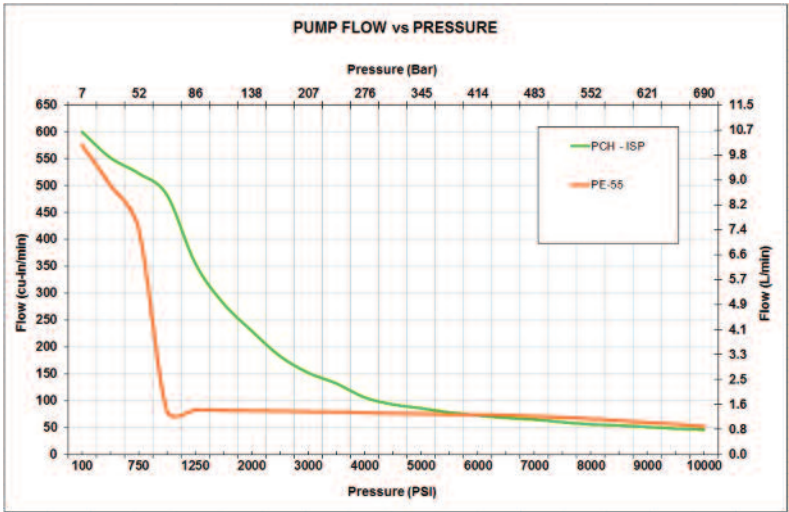
Sound Level: 87 – 92 dB

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

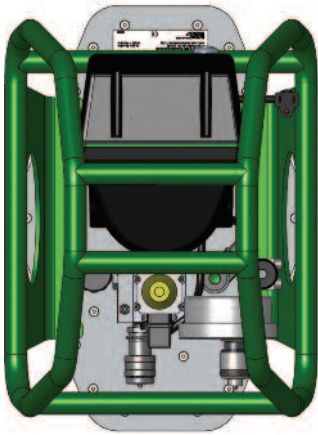
Typical Flow: 575 cu-in/min –
48 cu-in/min 9.4 L/min – 0.8 L/min

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

