

PREDATOR™

BY **POWER TEAM**

Predator Air/Hydraulic Torque Wrench Pump



The Power Team® brand of SPX Hydraulic Technologies introduces the latest in its high performance Predator™ Series of hydraulic 10,000 psi (700 bar) torque wrench pumps.

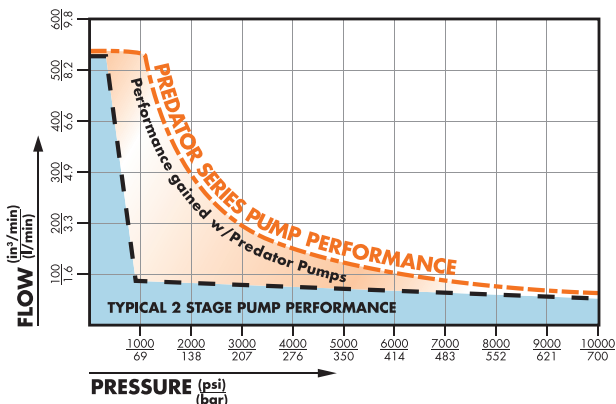


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Faster, quieter and lighter than typical 2-stage portable pumps – the Predator Air/Hydraulic Pump is a constant horsepower pump that provides consistently high hydraulic flow and pressure for faster tool operation. A typical two stage pump flow curve transitions high to low flow around 700 psi (48 bar). The Predator Air Pump has much higher, smoother flow throughout the pressure curve and the hydraulic flow continually changes based on pressure - making maximum horsepower and flow at all pressures. The largest flow increase is between 1,000 & 6,000 psi (69 & 414 bar), where torque wrenches normally operate - dramatically increasing productivity. As a result, tools operate up to twice as fast vs. two-stage pumps, getting tasks done in much less time.



Constantly variable flow also allows continuous operation and eliminates the need for external heat exchangers and cool-off downtime.

The Predator Air pump is designed to be rugged, but light weight for ease of transporting it to a job site. It is engineered for low sound levels to reduce operator fatigue and increase productivity. A roll cage option allows users to customize the Predator Air Pump to suit their needs.

The Predator Pump also comes in an electric/hydraulic model. For a complete high force hydraulic package, Power Team offers a full range of cylinders, tools, and Predator torque wrenches to match the Predator pump hydraulic power source.

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Specifications subject to change without notice
PT-PA09

Technical Data

REQUIRED AIR PRESSURE

80 cfm @ 80 psi (2.3 m³/min @ 5.5 bar)
90 cfm @ 90 psi (2.5 m³/min @ 6 bar)
100 cfm @ 100 psi (2.8 m³/min @ 7 bar)

MAXIMUM HYDRAULIC PRESSURE OUTPUT

10,000 psi (700 bar)

SOUND LEVEL

75 dB A

HYDRAULIC OIL RESERVOIR CAPACITY

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

HYDRAULIC OIL DELIVERY

	@ 100 cfm (7 bar)	@ 90 cfm (6 bar)	@ 80 cfm (5.5 bar)
750 psi	575 in ³ /min (9.4 L/min)	567 in ³ /min (9.3 L/min)	541 in ³ /min (8.9 L/min)
2500 psi	233 in ³ /min (3.8 L/min)	225 in ³ /min (3.7 L/min)	211 in ³ /min (3.4 L/min)
5000 psi	115 in ³ /min (1.9 L/min)	111 in ³ /min (1.8 L/min)	102 in ³ /min (1.7 L/min)
10000 psi	57 in ³ /min (0.9 L/min)	55 in ³ /min (0.9 L/min)	46 in ³ /min (0.8 L/min)

* Values shown are with filter/regulator/lubricator, values will increase without FRL


SIZE

HEIGHT = 20.1 in (51 cm)
WIDTH = 18.1 in (46 cm)
LENGTH = 11.8 in (30 cm)

WEIGHT

79 lb (36 kg) with 1.25 gal (4.7 L) hydraulic oil

Features & Benefits

- Quiet operation
- Light weight for easy portability
- Cool operation without add-on heat exchanger
- Rugged construction for durability in tough environments
- Fewer parts for lower service costs
- CE
- ATEX  II 2 GDc T4

Part Numbers

PCHA60T3B0-C – standard with handle and guard
PCHA60T3B0-CR – with roll cage

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