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Hydraulic Bolt Tensioning Pump – Air Driven

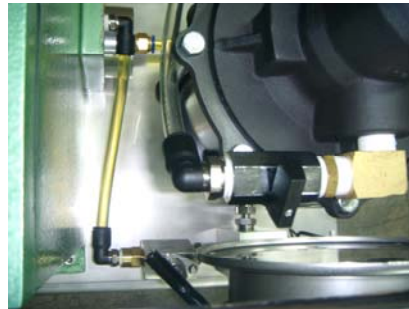
BOLTITE



Revolutionary Design ~~~ Light & Compact Size ~~~ Highly Durable

This air driven hydraulic pump is designed for use with all 1500 bar (21,750psi) bolt tensioning tool and represents the best compromise between price and performance. A highly efficient power pump system built to handle the toughest condition. This Petron Series pump is mounted in a tubular steel transportable frame. The pump is supplied complete with a high capacity air operated hydraulic pump, control valves, oil reservoir (steel/polyethylene) design, air-oil lubricator/filter/regulator and calibrated Glycerin pressure gauge.

Manifold block with control valves and connector



Air Operated Hydraulic Pump

Top View



Left View



Center View



Right View



Air lubricator/filter/regulator



25,000 psi pressure gauge

Specification:

Description	Tubular Frame Power Unit
Application	Air Driven Bolt Tensioning Pump
Model	Petron Pump-1
Part Number	OGS-HP-0045-0001
Pump Specification	AZ-2-323
Hydraulic Piston Diameter	0.375 in
Hydraulic Piston Area	0.1105 sq in
Volume per stroke	0.276 cubic in (4.52 cc)
Hydraulic Pressures @ 20 psi air	6,000 psi
Hydraulic Pressures @ 40 psi air	12,600 psi
Hydraulic Pressures @ 60 psi air	19,100 psi
Hydraulic Pressures @ 80 psi air	25,600 psi
Hydraulic Pressures @ 100 psi air	32,300 psi
Max Flow rate	114 liter/min
Tank Capacity	10 liters (2.6 gallon)
Weight with oil	40 kg
Ambient Operational Temperature	-20°C to +50°C
Sound Emission	<66 dB (A)
Max Operating Pressure	21,750 psi (1500 bar)
Length	450 mm
Width	450 mm
Height	480 mm
Pressure Port (size)	¼" NPT
Air in (size)	½" NPT
Oil level/temperature gauge at tank	yes
Glycerin Gauge (Dia. 150 mm)	Precision +/- 1% FS accuracy (25,000 psi)
Pressure Gauge scale	Double (psi / bar)
Full Frame	Tubular steel for max protection and easy transport