



Petron Series Pumps

Petron 1: Hydraulic Bolt Tensioning Pump

Air Driven



Key Features

Our Air driven hydraulic bolt tensioning pumps are:

- Designed for use with all 1500 bar (21,750 psi) bolt tensioning tools
- Supplied with a high capacity diaphragm pump, control valves, oil reservoir (Steel/Polyethylene) design, air-oil lubricator/filter/regulator and calibrated glycerin pressure gauge to 25,000 psi
- Mounted in a transportable tubular steel frame
- Maximum Working Pressure: 1500 bar (21,750 psi)

Product Benefits

- Produces a very high flow rate at operation pressures up to 1500 bar.
- Efficient and fast speed of operation
- Easy to operate
- High output capacity
- Wide range of operating pressure
- Durable



Petron 1 Hydraulic Bolt Tensioning Pump

Technical Specifications



Applications include:

- ➔ Bolt Tensioning
- ➔ Hydrostatic Testing

Pump Specification

Pump Model	AZ-2-323
Hydraulic Piston Diameter	0.375 in
Hydraulic Piston Area	0.1105 sq. in.
Volume per Stroke	0.276 cu. In.(4.52 cc)

Rating

Tank Capacity	10 Litres (2.6 gallon)
Max Flow Rate	114 Litre/min
Maximum Operating Pressure	21750 PSI (1500 BAR)

Gauge

Pressure Gauge Capacity	25000 PSI (1500 BAR)
Accuracy	±1%

Environment

Ambient Operational Temperature	-20°C to +50°C
Sound Emission	<66 dB(A)

Weights

Machine Weight with Oil	40 kg
Machine Weight	35 kg
Shipping Weight	50 kg
Shipping Dimensions (L x W x H)	45 cm x 45 cm x 48 cm (17.7" x 17.7" x 18.8")



1001 Jalan Bukit Merah, #04-01/06
 Redhill Industrial Estate,
 Singapore 159455.
 T: (65) 6271 0800 | F: (65) 6273 3121
 Email: enquiries@petracarbon.com

