



Petron Series Pumps

Petron 4: Hydraulic Bolt Tensioning Pump

Air Driven

Key Features

Our high pressure Air driven hydraulic pumps are:

- Designed for use with all 2500 bar (36,259 psi) bolt tensioning tools as a standard model
- Can be designed up to 65,000 psi
- Supplied with a high capacity Electric Motor, high pressure air pump, control valves, oil reservoir (Steel/Polyethylene) design, air-oil lubricator/filter/regulator and calibrated glycerin pressure gauge
- Mounted in a transportable tubular steel frame
- Maximum Working Pressure: 2500 bar (36,259 psi)

Product Benefits

- Produces a very high flow rate at operation pressures up to 2500 bar.
- Efficient and fast speed of operation
- Easy to operate
- High output capacity
- Wide range of operating pressure
- Durable





Petron 4 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	0.11 sq. in.
Volume per Stroke	0.275 cu. In.(4.52cc)

Rating

Tank Capacity	10 Litres (2.8 gallon)
Max Flow Rate	114 Litre/min
Maximum Operating Pressure	36260 PSI (2500 BAR)

Gauge

Pressure Gauge Capacity	40,000 PSI (2750 BAR) @ Ø150 mm
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

