



## 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

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

### Rating

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

### Gauge

<b>Pressure Gauge Capacity</b>	25000 PSI (1500 BAR)
<b>Accuracy</b>	±1%

### Environment

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

### Weights

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



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