



Petron Series Pumps

Petron 3: Hydraulic Bolt Tensioning Pump

Air Driven

Key Features

Our Air driven hydraulic bolt tensioning pumps are:

- Designed for use with all 2000 bar (29,000 psi) / 2227 bar (32,300psi) 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 at 2750 bar (40,000 psi)
- Mounted in a transportable tubular steel frame
- Maximum Working Pressure: 2000 bar (29,000 psi)/ 2227 bar (32,300 psi)

Product Benefits

- Produces a very high flow rate at operation pressures up to 2227 bar.
- Efficient and fast speed of operation
- Easy to operate
- High output capacity
- Wide range of operating pressure
- Durable

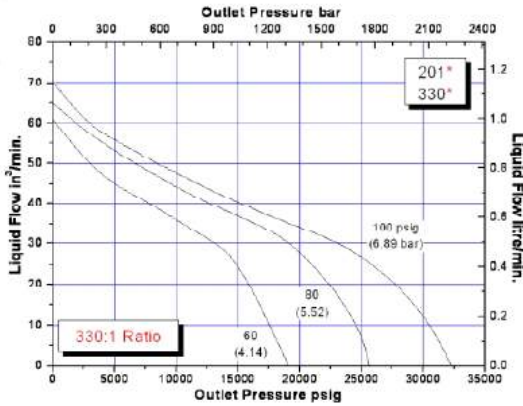


* 2 outlet specs also available upon request.



Petron 3 Hydraulic Bolt Tensioning Pump

Technical Specifications



Applications include:

- ➔ Bolt Tensioning
- ➔ Hydrostatic Testing

Pump Specification

Pump Model	471380M / SC10-6000W201L
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	8.5 Litres (2.2 gallon)
Max Flow Rate	114 Litre/min
Maximum Operating Pressure	29000 PSI (2000 BAR) / 32300 PSI (2227 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	37 kg
Machine Weight	32 kg
Shipping Weight	42 kg
Shipping Dimensions (L x W x H)	40 cm x 40 cm x 45 cm (15.7" x 15.7" x 17.7")



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

