



TITAN
TECHNOLOGIES INTERNATIONAL, INC
SUPERIOR BOLTING SOLUTIONS™

Dependable • Fast • Efficient • Proven
TITAN Electric Tensioner Pumps
Manufacturing • Installation • Maintenance
We get your bolting job done right, on time, every time



TITAN is a leading bolting solutions provider committed to offering the most reliable and comprehensive bolting products world wide.



BR_TP_05-01-2008

TITAN "EXE-2000TT " Series Hydraulic Bolt Tensioning Pumps.

**Revolutionary Patent Pending Design • Light, Compact, EXTREMELY DURABLE
18 Month Warranty**

- **COOL Running**... Integrated Heat Exchanger
- Revolutionary **Patent Pending** design
- **FAST** Efficient **EXTREMELY DURABLE**
- 2 stage Tensioner pump which delivers up to 2000 bar (29,000 psi) to the tensioners. Excellent for multiple tool bolting applications
- **Maximum Pressure 29,000 psi (2000 bar)**
- Precision- Easy Access Pressure Setting
- **Quiet** - Meets OSHA & International Standards
- **EXCLUSIVELY FROM TITAN**
- Extremely Robust
- **EXCEPTIONAL WARRANTY**



Shown with Heat Exchanger

- This pump is designed for use with all 1500 bar tooling and represents the best compromise between price and performance.
- A high delivery pump where speed of operation is essential
- Excellent when using multiple tensioners
- Easy to use.
- The Titan EXE-2000TT Series is an electric driven hydraulic pump, mounted in a tubular steel transportable frame painted silver .
- The pump is supplied complete with heavy duty remote control, pump on/off control, oil reservoir, oil pressure gauge.

Model #	Titan EXE-2000TT-115	Titan EXE-2000TT-230
Motor Requirements	115V, 1 phase 115V 60 Hz	230V - 50/60 Hz
Watts	2000W	2000W
Amperage Requirement	<20	<20
Oil Flow Stage 1 (0-50 bar)	275 cu in/ min (4.5 L/min)	275 cu in/ min (4.5 L/min)
Oil Flow Stage 2 (50-2000 Bar)	31 cu in/ min (0.5 L/min)	31 cu in/min (0.5 L/min)
Tank Capacity	1.85 US Gal (7 Liters) 1	1.85 US Gal (7 Liters)
Weight With Oil	80 lbs (36 Kg)	80 lbs (36 Kg)
Ambient Operational Temperature	(-20° C to + 50° C)	(-20° C to + 50° C)
Sound Emission	<66 dB(A)	<66 dB(A)
Length	20.5" (520 mm)	20.5" (520 mm)
Width	14" (355 mm)	14" (355 mm)
Height	20." (508 mm)	20" (508 mm)

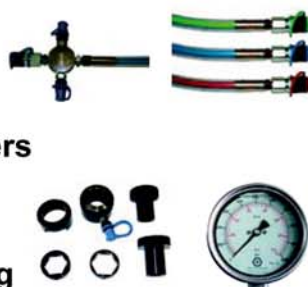
• Tensioning Hoses

• High Pressure Guages

• Quick Disconnect Couplers

• Tensioning accessories

• Ultrasonic Bolt monitoring



Titan Tensioners

- Modular
- Dedicated
- Subsea
- Foundation Bolt Tensioners
- Double Stacked Tensioning





TITAN
TITAN TECHNOLOGIES EUROPE S.L.
SUPERIOR BOLTING SOLUTIONS

PRODUCT -HAND PUMP
PRESSURE -1500 bar



Hand Pump (1 litre tank 63 mm gauge)

This hand pump can be used with all 1500 bar tooling and equipment. The pump has both high and low pressure pistons and is supplied complete with, a 63 mm diameter damped (liquid filled) pressure gauge, pressure release valve, internal pressure safety relief valve, a 1 litre oil reservoir and a self sealing quick connect coupling. A hand pump with a larger 2.4 litre oil reservoir is also available. A larger 110 mm diameter pressure gauge is available as an option.

Hand pumps should only be used with one or two tensioning tools. When simultaneous operation of several tools is being considered the use of an air driven pump is recommended.

Note

Hand pumps with a 2.4 litre oil reservoir or a larger diameter pressure gauge are also available. Call for details.

When greater accuracy of reading is required larger external pressure gauges are available for easy connection to the outlet. Call for details.

Specification:

Dimensions 620 mm long x 110 mm wide x 170 mm high

Weight 8.3 kgs

Oil Reservoir 1 litre ISO 10 hydraulic oil

Finish Aluminium Silver

Pressure Gauge Dual Scale 0 -1500 bar (0 -22000 psi) 63 mm dia

Maximum Pressure 1500 bar

Oil Delivery Low Pressure Piston 20 cc per stroke

Oil Delivery High Pressure Piston 1 cc per stroke

Handle Effort @ 1500 bar 370 Newtons