

1500 BAR ELECTRIC TENSIONING PUMPS

Solenoid valve with pendant remote control



ENERPAC 

▼ ZUTP-1500SE-H



- Solenoid-operated valve with 6 m pendant for remote control of valve and one-man operation
- Easily accessible manual override valve to release pressure if power is lost
- Safety relief valve limits output pressure
- Two-stage pump design provides high flow at low pressure for fast system fills and controlled flow at high pressure for accurate operation
- 1,25 kW heavy-duty universal motor provides the best performance-to-weight ratio
- Replaceable 10 micron reservoir breather and inline high pressure filter helps maintain oil cleanliness for optimum performance
- Panel-mounted 153 mm pressure gauge, with polycarbonate cover, is set into the protective metal shroud for improved visibility.

Reliability, Power and Precision



Typical tensioning pump applications

Oil and Gas, MRO

- Gas turbine rotors
- Compressors
- Gas turbine horizontal and vertical joints.

Wind Power

- Turbine fastening applications from blade through nacelle and tower to foundation studs.

Power Plants

- Gas turbine rotors
- Power shaft couplings.



◀ The ZUTP-1500 pump is rugged, lightweight, compact for tight openings, and delivers hassle-free operation of bolt tensioning in remote locations with up to two times the speed of competitive pumps.

Electric Tensioning Pumps



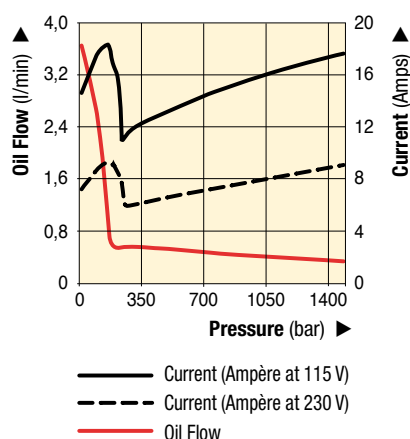
ZUTP-Tensioning Pumps

The ZUTP-Series of pumps achieve high pressure without the need for an intensifier. This allows for low maintenance, resulting in less cost for the end-user.

Solenoid Valve

The **ZUTP1500-S Series** with pendant-operated solenoid valve is ideal for multiple bolt tensioning applications as it allows for single-person operation. The operator can pressurize and depressurize the tensioner directly from the pendant.

OIL FLOW VERSUS PRESSURE



ZUTP-S Series



Reservoir Capacity:

4,0 litres

Flow at Rated Pressure:

0,33 l/min

Motor Size:

1,25 kW

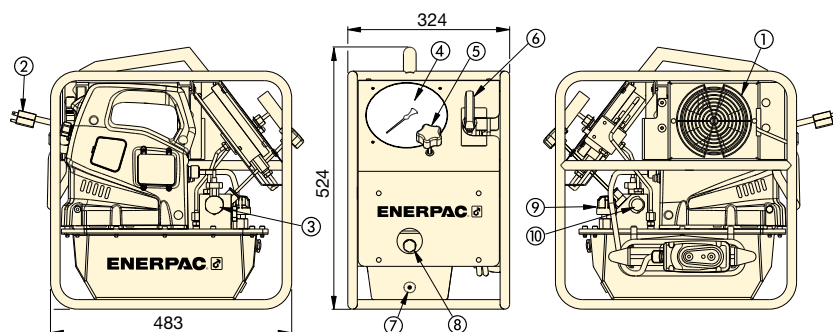
Maximum Operating Pressure:

1500 bar



Ultra-high pressure

This pump operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.



- ① Heat Exchanger (optional)
- ② Power Cord
- ③ Solenoid Dump Valve
- ④ Pressure Gauge
- ⑤ User Adjustable Relief Valve
- ⑥ Manual Release Valve
- ⑦ Oil Drain
- ⑧ Oil Level Sight Glass
- ⑨ Breather
- ⑩ Outlet Port with CEJN Coupler (116 Series)

1500 bar HIGH PRESSURE PUMP

Pump Type	Useable Oil Capacity (litres)	Valve Type	Model Number ¹⁾	Pressure Rating (bar)	Output Flow Rate at 0 bar (l/min)	Output Flow Rate at 1500 bar (l/min)	Motor Electrical Specification (50 Hz)	Motor Size (kW)	Sound Level (dBA)	(kg)
Two speed	4,0	Solenoid	ZUTP-1500SB	1500	3,80	0,33	115 VAC, 1-ph	1,25	89	29,5
			ZUTP-1500SE ²⁾				230 VAC, 1-ph ²⁾			
			ZUTP-1500SI ³⁾				230 VAC, 1-ph ³⁾			
Two speed	4,0	Solenoid	ZUTP-1500SB-H ⁴⁾	1500	3,80	0,33	115 VAC, 1-ph	1,25	89	34,0
			ZUTP-1500SE-H ^{2) 4)}				230 VAC, 1-ph ²⁾			
			ZUTP-1500SI-H ^{3) 4)}				230 VAC, 1-ph ³⁾			

¹⁾ All models meet CE safety requirements and all TÜV requirements.

²⁾ European plug and CE EMC directive compliant.

³⁾ With NEMA 6-15 plug.

⁴⁾ H = with heat exchanger.

1500 bar HOSES

Model Number		Hose End 1	Hose End 2	Length (m)
HT-1503		1/4" BSPM 120° Cone	1/4" BSPM 120° Cone	1,0
HT-1510		1/4" BSPM 120° Cone	1/4" BSPM 120° Cone	3,0
HT-1503HR*		BH-150	BR-150	1,0
HT-1510HR*		BH-150	BR-150	3,0

* Includes dust caps.

1500 bar COUPLERS

Description		Complete Set	Female Half	Male Half
Quick Disconnect Coupler*		B-150	BR-150	BH-150
Quick Disconnect Coupler and Adaptor Kit*		BW-150AW	-	-
Quick Disconnect Blanking Coupler Set*		B-150B	-	-

* Includes dust caps.



BOLTING SOLUTIONS

Enerpac's comprehensive range of bolting equipment provides precise and effective force to make your work more productive, safer, and easier to perform. The best solutions for controlled tightening, joint integrity and more, available from one source.

Controlled Tightening and Loosening



Pneumatic and Electric
Torque Wrenches



Hydraulic Torque Wrenches



Pneumatic Torque
Wrench Pumps



Electric Torque
Wrench Pumps



Manual Torque Multipliers

Tensioning Tools



Power Generation
Bolt Tensioners



General Purpose
Bolt Tensioners



Electric Tensioning Pumps



Pneumatic Tensioning
Pumps



High-Pressure Hand Pumps

Joint Assembly & Joint Separation



Hydraulic Nut Cutters and
Nut Splitters



Step-Type Flange Spreaders



Flange Alignment Tools



Pin-Type Flange Spreaders



Mechanical Flange Face Tool

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