

Ultra-Booster Tensioner System

▼ Shown: PIT-1500



Flexibility

- Very flexible solution for all applications that require up to 2000 bar of working pressure
- Works in combination with any hydraulic pump for double-acting torque wrenches that delivers a continuous oil flow of minimal 2 l/min and a working pressure of 160 bar; ideal to work in combination with the ZE4TW-pump.

Convenience

- High portability as the PIT-1500 only weighs 10 kg
- Useable with any electric or pneumatic driven pump and convert it into a ultra-high pressure pump


Technology

- Preset 1:13 pressure intensifier ratio
- With a 10-micron filter and visual filter condition indicator
- Standard with an easy-to-read 100 mm diameter pressure gauge with 1% accuracy over full scale

Low Investment

- In situations where both hydraulic torque wrenches and bolt tensioners need to be used, only one pump will be needed instead of two when an ultra booster is used.

▼ SELECTION CHART

Maximum Operating Pressure (bar)	Pressure Intensification Ratio	Model Number	Maximum Input Pressure (bar)	Oil Flow Rate (l/min)		Oil Ports * (BSPP)	 (kg)
				minimum input	maximum output		
2000	1 : 13	PIT-1500	20 - 200	2,0	15,0	1/4"	10

* High Pressure port is 1/4" BSPP 120° Cone.
Outside dimensions L x W x H: 320 x 140 x 318 mm.

PIT Series

Intensification Ratio:

1 : 13

Maximum Output Flow:

15,0 l/min

Maximum Operating Pressure:

2000 bar



Torque & Tensioning Pump Set

For ordering convenience the ZE4TW Torque Pump and the PIT-1500 Ultra

Booster are available as set and gives you the flexibility for bolting applications that require both torquing and tensioning as for instance in wind turbines.

Main Ultra Booster applications are:

- Bolt tensioning
- Railroad applications
- Rescue tools
- Jacking applications
- Crimp/cutting systems.

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▼ The PIT-1500 is perfect for bolt tensioning applications in hard to reach places such as wind turbine blade bolts.

