

## 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)	Weight (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.

Page: 48

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

