



Electric Tensioner Pump

This high pressure electric pump has been specifically designed for tensioning applications. Hydratight incorporates the latest technology to produce a pump with features and benefits which far surpass all other electric tensioner pumps available on the market today. This electric tensioner pump will stay on the job longer and requires less maintenance, both of which will reduce service costs.

Features and Benefits:

- Adjustable relief valve
- Tensioning up to 22,000 psi
- Bypass sequence valve
- Automatic ram retraction
- Two button pendant with kill switch
- Designed for constant filtration and de-aeration
- Heavy duty electrical and pendant cords with restraints
- Compact design with durable, steel frame
- Ensures operators achieve target pressure every time
- Wide range of tensioning capabilities
- Reduces operator time to tension each bolt due to quicker pressurisation
- Reduces operator time between studs
- Improves performance and reduces downtime

Physical Description

Width:	12"	305 mm
Height:	17.5"	445 mm
Depth:	27"	686 mm
Weight (with fluid):	107 lbs	48.5 kg

Power Supply

115 VAC, 230 VAC	60 Hz
230 VAC	50 Hz

Hydraulic Performance

1.7 GPM until high pressure boost. 0.13 GPM to 22,000 psi

60 Hz Electric Motor (50 Hz also available, CE approved)

1.5 hp at 3,450 rpm	1 phase
115 VAC	18 full load amps
230 VAC	10 full load amps

Motor Starter

Mechanical contactor with fuses (hot and neutral), NEMA 4 enclosure, 20ft 10 GA S/O cord input, hour meter on box

Pump

1.7 GPM free flow. 1700 psi nominal for full 22,000 psi output

Booster

High pressure hydraulic intensifier to 33,000 psi

Filtration

Normal in-tank suction	10 micron filter
Absolute return line	6 micron filter

Solenoid Valve – Coil Range Options

120 VAC	108 – 114 V
230 VAC	192 – 264 V (50 Hz) 216 – 288 V (60 Hz)

Main Safety Valve

Factory pre-set internal relief valve

Panel Mounted Regulator

Fully adjustable pressure (0 - max)

Panel Mounted Gauge

30,000 psi 4" dual scale (psi and bar) gauge

Pendant

Incorporates 2 buttons – advanced and retract, a kill switch, 20ft S/O cord with strain reliefs, 5 A fused protection and a moulded 12 GA male plug

Reservoir

1 Gallon, 10 micron air breather, internal magnets and sight gauge



P-12004



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Further details can be obtained from your local Hydratight representative or visit the website hydratight.com.