This new 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**

<table>
<thead>
<tr>
<th></th>
<th>Width: 305 mm</th>
<th>Height: 445 mm</th>
<th>Depth: 686 mm</th>
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<tbody>
<tr>
<td>Weight (with fluid):</td>
<td>48.5 kg</td>
<td>107 lbs</td>
<td></td>
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</tbody>
</table>

**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
  - 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 hyraulic intensifer to 33,000 psi

**Filtration**

- Nominal 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

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