

## HYDRAULIC BOLT TENSIONING

### Compact Electric Motor Driven Pump

BT-1506-E1 is a compact electric pump. The standalone power pack is both lightweight (19.5kg) and extremely portable. The pump, reservoir and motor are all combined into one easily handled package with a built-in moulded plastic carry handle.

The pump is fitted with a 1500 bar rated self sealing quick connect coupling and dust cap, a liquid filled damped pressure gauge and a simple oil level indicator. It also features a remote control pendant for operation from a distance.

Boltight's BT-1506-E1 is well suited for use in the wind turbine industry for its relatively low weight and small size.

The pump is very easy to use and maintain. It has a manually adjustable pressure relief valve for easy setting of the maximum working pressure.

The pump is pressurised in two stages. The low pressure stage is factory set to provide a high volume oil flow for rapid piston extension and seal energising. When higher pressure is required the pump automatically switches to the high pressure, low volume mode. The high oil flow ensures the pump reaches the desired operating pressure very quickly.

#### Options

The pump is available for 240V or 110V power supply.

It can also be fitted with an Oil Cooling Fan for operation in hot climates or long periods of use.

#### Specification

**Maximum Operating Pressure**  
1500 bar.

**Electric Motor**  
220V-240V 50/80Hz single-phase (110V option)  
Protection Rating: IP24  
Protected against solids objects over 12mm  
Protected against water sprays from all directions - limited ingress permitted

**Power Rating**  
0.75kW

**Pressure Relief Valve**  
Manual adjustment on front of pump

**Dimensions**  
349 mm long x 197 mm wide x 406 mm high

**Weight**  
19.5 kg

**Oil Reservoir**  
ISO VG32 hydraulic oil  
Capacity 2.6 litres. Usable oil 2.4 litres.

**Pressure Gauge**  
Graduated to 1600 bar

**Oil Flow Rate**  
1st Stage: 1.8 litres per minute up to 65 bar  
2nd Stage: 0.2 litres per minute up to 1500 bar



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**BOLTIGHT<sup>®</sup>**  
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BOLTIGHT is the UK  
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