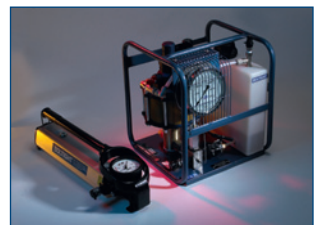
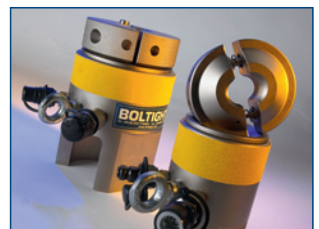




Specialist Design
Advanced Technology



BOLTIGHT[®]
HYDRAULIC BOLT TENSIONING



About Boltight

Boltight has been at the forefront of the bolt tensioning business for many years. Working in partnership with our customers, Boltight has developed new ways to deliver cost effective solutions for numerous industrial bolting applications. Our tools feature advanced technology and are built to the highest standards. The tools are lightweight, compact and easy to use with a focus on safe operation and product quality. We strive to achieve total reliability and professional excellence at all times.

Advanced technology

Boltight tools will handle the vast majority of bolt tightening work. Benefiting from state of the art design concepts and incorporating the latest technology composite material seals, our tools will operate quickly and safely to achieve high residual bolt stresses. Equipment working at pressures above 1000 bar are CE marked and conform to the requirements of the European Pressure Equipment Directive.

Product Development and Testing

We operate a policy of continuous product development and improvement to keep Boltight at the forefront of bolt tensioning technology and ensure our tools always meet our customers' needs. High pressure cyclical fatigue testing is used during our product development and testing.



Our products

Boltight supplies and refurbishes a wide range of standard and bespoke bolt tensioning tools and ancillary equipment. We provide a quick service with many items available immediately from stock.



- Hydraulic bolt tensioners
- Hydraulic nuts - ambient and high temperature
- Subsea bolt tensioners
- Subsea tools
- Gas turbine rotor bolt tensioners
- Steam and gas turbine tools
- Steam turbine casing - hydraulic closure system
- Pumps and hoses
- Thread protection caps
- Ultrasonic bolt elongation measurement
- Refurbishment service
- Studbolts and special bolting

Optional Tool Features

- Automated piston return
- Positive piston stop
- Single and multi-stage cylinders
- Gear driven nut rotation
- Piston stroke indicator

Seals

- Low friction and self energising
- Click into position
- High wear resistance
- Self lubricating and long life
- Easy piston retraction

Seals can be made to any size enabling Boltight to custom build products to meet the exact requirements of the application.



Our markets

Boltight bolt tensioning tools are in use all over the world from the high performance standard tool range to the uniquely designed tools to suit market and application requirements.

Oil and gas industry

Our bolt tensioners are used on high pressure pipeline flanges, heat exchangers, pumps, valves and other critical items of plant equipment. They are also used on offshore cranes, subsea pipeline flanges and structural clamps on offshore platforms. The highly innovative and environmentally friendly VORTEX range of subsea bolt tensioning tools are simple to use and provide significant diver time and cost saving.



Power generation industry

In the power industry our tools are typically used in the construction and maintenance of turbine casings, high-pressure piping, pumps, valves, feed heaters and compressors. They are also used for tightening wind turbine tower base bolts, frame, bearing and blade bolted joints. For steam turbine distortion and clearance checks (Tops on/Tops off), our hydraulic casing closure system has a proven track record for reducing outage times. Our uniquely designed bolt tensioners for GT rotor through bolting are both lightweight and compact and provide accurate and equal bolt tightening.

Industrial

Boltight's tools are used extensively across many industry sectors - in fact anywhere that critical bolting requires accurate and reliable tightening. The most common applications include presses, diesel engines, propeller shafts, foundation bolting, pumps and compressors. They are also used widely for vibration affected applications such as cutting and crushing machines and steel rolling mills.

Oil and gas industry

- Offshore
- Topside
- Subsea
- Refineries
- Petrochemical
- Gas

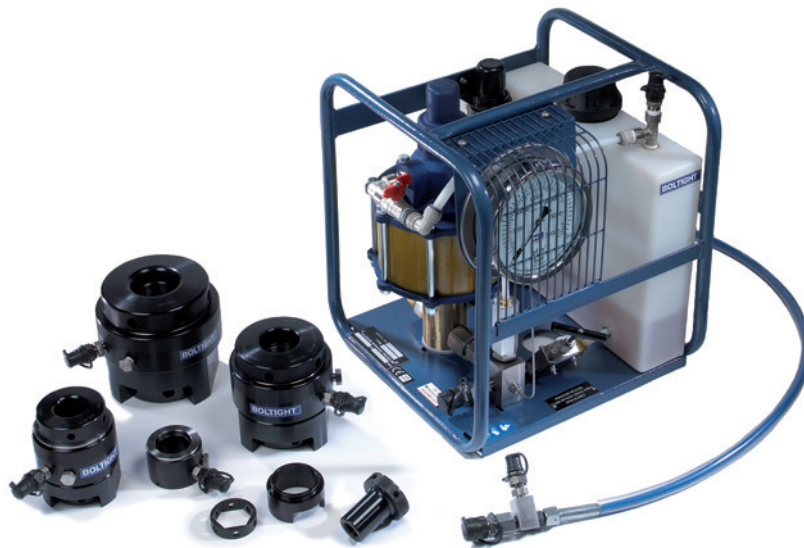
Power generation industry

- Steam
- Gas
- Nuclear
- Hydro
- Wind

Industrial

- Bridges
- Quarrying
- Mining
- Structures
- Pumps
- Valves
- Tunnelling
- Presses
- Heavy machines
- Marine





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