



Large Valve Bonnet Bolting



Here four tools are being employed to tighten the 6 inch diameter bolts on this large valve bonnet, prior to pressure testing.

Boltight performed residual load tests using a calibrated strain gauged bolt and digital read out to ensure the tensioning operation would achieve the specified residual bolt tension.

The tools operate at 1500 bar. Four tools were connected together for simultaneous operation. When complete the total bolt load exceeded 120,000 kN

These large tools were custom designed but many heat exchanger and pressure vessel flanges are tightened using the standard range of Boltight tool.

Boltight supplies standard bolt tensioning tools designed to operate at 1000 bar and 1500 bar. All Boltight tools, hoses and pumps are colour coded to indicate the maximum working pressure. Boltight tools conform to the requirements of the European Pressure Equipment Directive



1500 bar Tool



1000 bar Tool

BOLTIGHT
HYDRAULIC BOLT TENSIONING
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Boltight Limited, Unit 2, Junction 10 Business Park, Bentley Mill Way, Walsall, West Midlands, WS2 0LE, United Kingdom.
Tel: +44 (0)845 500 5556 Fax no. +44 (0)845 500 5557
email: sales@boltight.com www.boltight.com