



M150 Special Hydraulic Bolt Tensioning Tool

When faced with the prospect of tightening twenty M150 bolts in a very large piece of plant the customer naturally specified that hydraulic bolt tensioning tools should be used.

The Boltight standard range covers bolts from M20 to M100 so something special was called for and Boltight provided a solution.



BT-3125 M150 Special Hydraulic Bolt Tensioning Tool

This large tool operates at 1700 bar and develops a tensioning force in excess of 8762 kN.

The tool was designed to fit the customers application and is equipped with a spring retraction system to return the piston after each operation of the tool.

The tensioner and the M150 puller were fitted with lifting eye bolts to ease the handling of the tool.

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

Boltight was also able to perform a residual load test using a calibrated strain gauged bolt and digital read out to ensure the tensioning operation would achieve the specified residual bolt tension.





The bolt tensioning tool connected to a high pressure pump and a hand held digital readout from a calibrated strain gauged bolt.

BOLTIGHT
HYDRAULIC BOLT TENSIONING
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