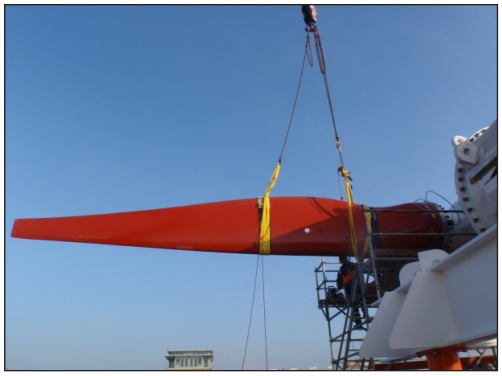




Tidal Generation Blade

The Application

- Tidal Turbine Blade flange attachment
- Simultaneous flange tensioning
- Standard stud size



The Standard Tooling System

- 1500 bar topside tooling
- Standard off the shelf design to suit most standard pipe flanges
- Common cylinder accommodates a range of thread sizes when used with appropriate puller, bridge and socket
- Fast simultaneous closure
- Easy piston return
- Various options of hydraulic connection
- Can be used with a variety of pump and hose systems



The Benefits

- Uniform and accurate compression of flanges
- Repeatability of accurate stud loading
- Improved Quality planning
- Quicker final tightening
- Tightening used in conjunction with Echometer ultrasonic bolt load measurement
- The system ensured long term integrity of the bolted joint



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