

hydratight®

PRODUCTS AND SERVICES



Who we are

One Company, Total Support, Complete Solutions

Hydratight provides world-class bolted joint solutions and continues to set international standards in joint integrity for its customers on a global scale.

One Company

For over 30 years, Hydratight has provided high quality bolted joint solutions and machining services to the power generation, oil and gas, industrial and aero industries.

Today, the breadth and depth of our product and service offering is unrivaled in our specialist field. Through our ability to innovate technology that makes connections safe, efficient and environmentally friendly, Hydratight sets international standards in joint integrity, providing trusted solutions to customers on a global scale.

Hydratight works in partnership with the world's leading OEMs using the latest computer technology and market leading development facilities. We continue to push back the boundaries of technology to provide fast, accurate and reliable solutions to critical assembly problems.

Our people are the key to our success: qualified, competent and innovative people, working closely with our customers to ensure a total understanding of their requirements.

One Company - Total Support

Totally committed to safety and quality, all Hydratight products and services are designed, manufactured and carried out within a management system in accordance with:

- ISO 9001:2000 (Quality Management)
- ISO 14001:2004 (Environmental Management)
- OHSAS 18001:2007 (Occupational Health and Safety)

One Company - Total Support - Complete Solutions

Hydratight's extensive bolting and machining services include:

- Torque and tension bolting equipment
- Portable machining equipment
- Product sales, rental and technical support
- Product service and training
- Custom design and production of tools



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INVESTOR IN PEOPLE



Providing Safe Reliable Connections
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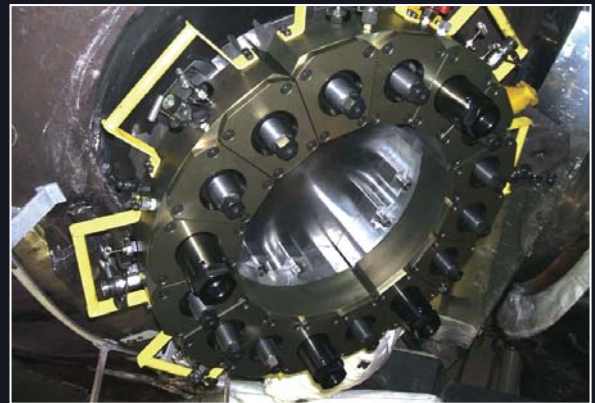
Innovative products, endless applications

Eliminating risk and saving time - our range of specialist equipment and technical support will not only save you time and money, but also improve safety and help increase reliability of your plant or pipeline. As an OEM we design, manufacture and customize all of our bolting and machining solutions.



Hydraulic Torque Wrench

The RSL range of Hydratight hydraulic torque wrenches has been developed to provide compact yet powerful solutions to any bolting problem – ideal for make-up and break-out of bolted joints. Options include interchangeable heads or dedicated square or hex cassettes, swivel heads and custom reaction arms.



Multi-Stud Flange Tensioner

Simultaneous tensioning of all the bolts from one side of the flange offers the ultimate in both speed and technical efficiency, in even the most restricted of applications. In addition Hydratight offers custom tensioners for the wind, powergen, oil and gas and other industries.



Hydraulic Bolt Tensioners

Bolt tensioning is an accurate and time saving method for tightening bolts and studs in all industries. Hydratight, through creative design and utilizing the most advanced engineering, has developed a wide range of hydraulic bolt tensioners including the latest addition, the HydraMax tensioning line.



Subsea Bolt Tensioner

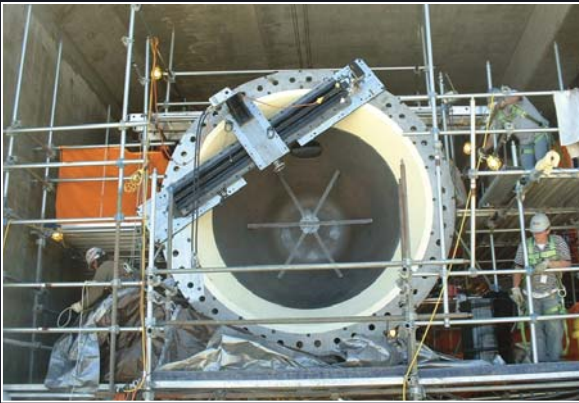
AQUAJACK® and SEA SERPENT® hydraulic bolt tensioners designed for subsea use by divers operating in the poorest visibility and most restrictive approach situations. These and the new AquaMax subsea tensioner have the technical and operational advantages of the top side bolt tensioners.



TensionMax - The Range for all Compact Flanges

The TensionMax range consisting of the AquaMax subsea tensioner and its parallel topside tensioner, HydraMax, is the first range specifically designed to generate the increased loads needed to tension compact flanges, while retaining the capability and flexibility to tension all standard ANSI, API, and MSS types.

These tools can generate very high bolt stresses while providing versatility for maximum bolt coverage and include the latest user-friendly features.



Portable Machining Tools

The DL Ricci brand of in-place machining tools from Hydratight offers portable machining solutions. From pipe cutting and beveling to portable boring, grinding, milling, end-prepping and journal turning, Hydratight's patented machining and bolting solutions are second to none, with air, electric or hydraulic power options.



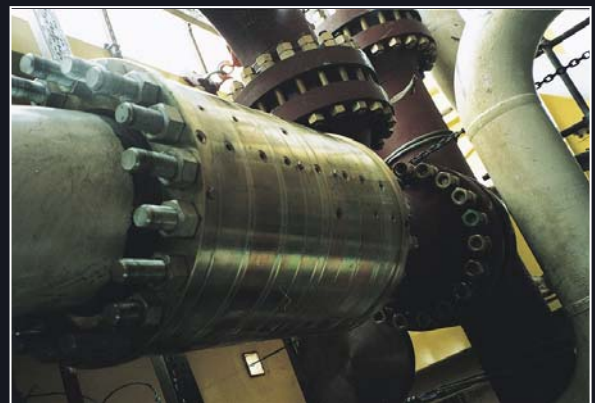
Nutsplitter

The Nutsplitter utilizes a powerful, lightweight cylinder to drive precision engineered cutting wedges into the flat of the nut. The cutting wedge, with three cutting edges, has been designed for maximum life and minimum installation time.



Power Consoles

The high quality and reliability of the Hydratight range of bolt tensioning, bolt torquing and machining products is complemented by the most advanced range of hydraulic, air and electric power consoles. A range of hoses and accessories is also available.



MORGRIP® Connector

The Hydratight range of Morgrip mechanical connectors ensures certified weld strength pipe connections without the need for hotwork. Available for topside, offshore and subsea, the connectors are based upon a unique and patented pipe gripping and sealing system.

Sales, Service and Rental

Hydratight is an innovative provider of solutions to our customers' joint integrity needs. Today we offer an unrivaled package of products and services along with trained and qualified technicians ready to operate them efficiently and safely.



On-Site Bolting Services

The combination of unique products and a dedicated, highly trained workforce provides Hydratight with the complete on-site bolt working service. In addition to torque wrenches and tensioners, Hydratight offers flange pullers, flange spreaders and other on-site bolting tools.



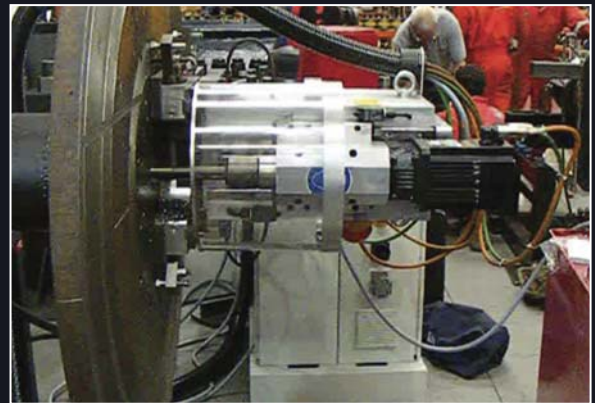
On-Site Machining

Hydratight with its DL Ricci brand of on-site machining solutions, offers a number of on-site services including: flange facing, pipe cutting, end prepping, drilling, milling, grinding, boring, hot tapping, stud removal, weld testing, pipe freezing, hydro testing, valve repair and pipeline stops. Custom engineered solutions are our speciality.



Special On-Site Services

In addition to the range of portable heat treating equipment and services, Hydratight offers many other on-site services such as: leak sealing, pipe freezing, hot tapping, tension safety valve testing, metal disintegration machining, and weld testing.



geniSYS 220 CNC Threading Mill

The 3D CNC Thread Milling machine enables Hydratight to provide a safe, unique and accurate professional solution to the many problems faced by industry, relating to the tapping of large bore threaded connections and machining of other complex 3D geometrics.



HydraQuick Release System

The HydraQuick Release System utilizes unique split-off technology, allowing quick, remote removal from a tightened stud bolt. The HydraQuick nut replaces regular nuts, and thanks to its unique design, is quickly removed from the tightened stud bolt.

- The HydraQuick nut is a three segment nut set into a cage
- A low pressure (less than 120 bar / 1740 psi) is applied and allows the casing to move onto the piston rod
- This movement uncovers the three segments and then removes the nut from the stud bolt thread



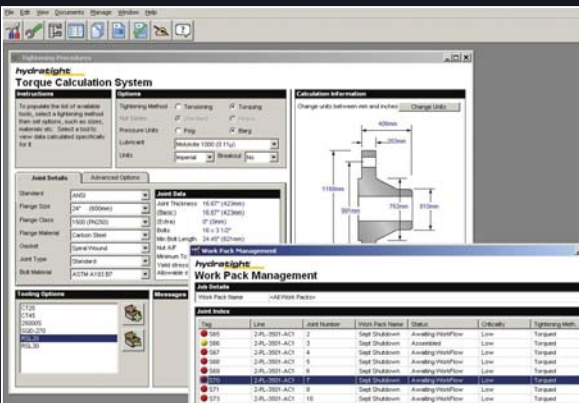
Bolt-Scope II™ Ultrasonics

The rigorous safety demands imposed upon many industries today have led to a demand for instruments that can effectively monitor and record bolt stress. Hydratight has again been at the forefront of equipment development with the Bolt-Scope II.



Training

Hydratight provides comprehensive structured training for the assembly and tightening of bolted flanged connections in accordance with the training specification of the Engineering Construction Industry Training Board (E.C.I.T.B.) TECSkills units and City and Guilds. The training is also accredited by American Petroleum Institute (A.P.I.)



Joint Integrity Assurance Software

Our extensive range of integrity and shut-down/turn-around management software helps users to plan, organize and achieve compliance and joint integrity. Hydratight's software enables users to select the right equipment and apply the correct loads to bolts.



Engineering

With state-of-the-art design software based on 3D modeling packages and engineering capability located on four sites in three countries, Hydratight is able to produce tailor-made solutions for complex joint related problems.

hydratight®

Global Standards Local Delivery

Our global network means you can rely on the right people, products and services wherever you are in the world.

Email us at: solutions@hydratight.com

Or find your local representative at:

hydratight.com/contact

