

hydratight®

PRODUCTS AND SERVICES



Who we are

One Company, Total Support, Complete Solutions

Over many years, Hydratight has provided world-class bolted joint solutions and continues to set international standards in joint integrity for its customers on a global scale.

Experts in Engineering

For over 30 years, Hydratight has provided world-class 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 unrivalled 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 ensures a total understanding of their requirements.

One Company - Meets Standards

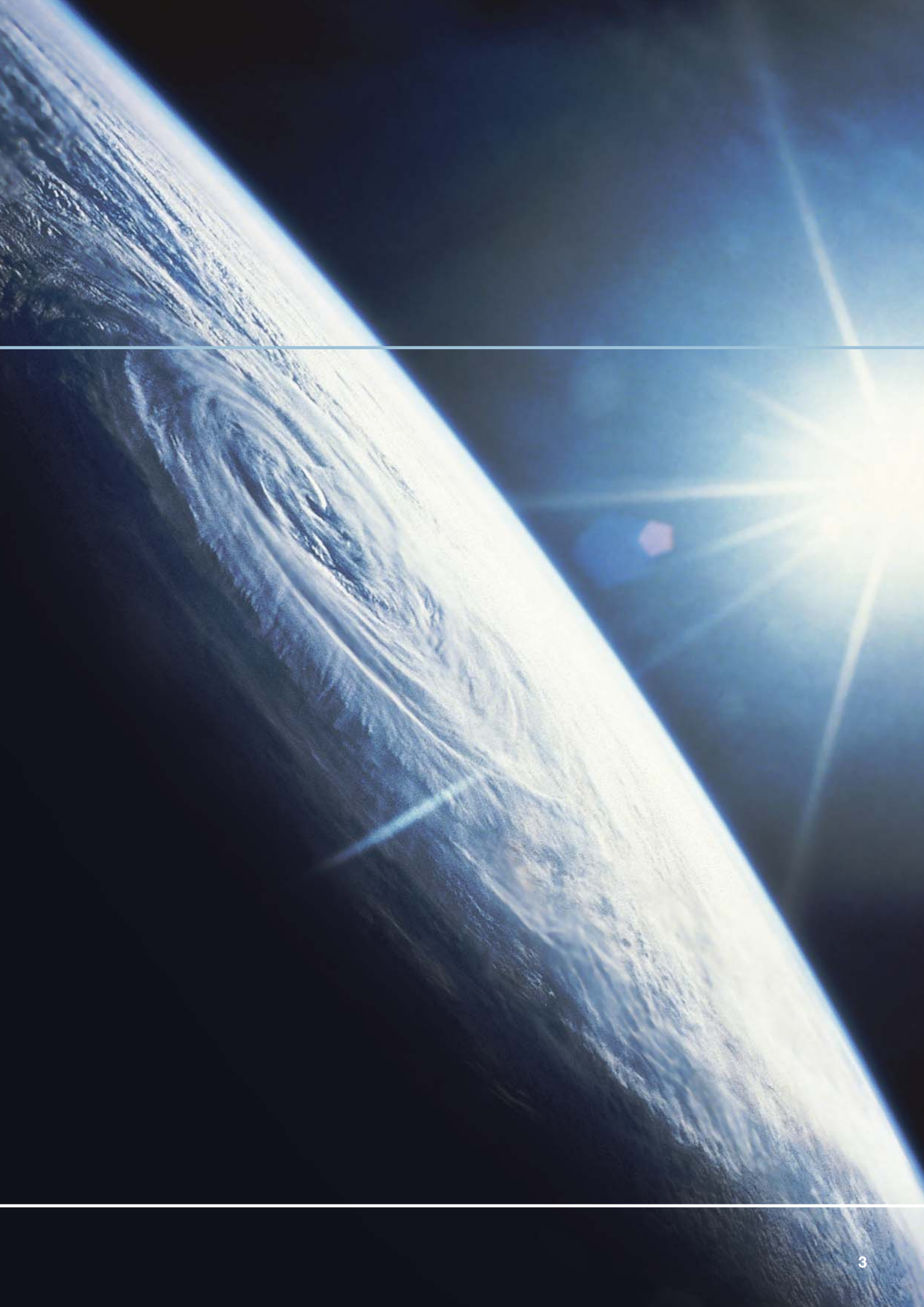
Totally committed to safety and quality, all Hydratight products and services are designed, manufactured and carried out within a management system in accordance with ISO 9001:2000 (Quality Management); ISO 14001:2004 (Environmental Management); OHSAS 18001:1999 (Occupational Health and Safety)

One Company

Our extensive engineering services include:

- Torque and Tension bolting equipment
- Portable Machining equipment
- Product sales, rental and technical support
- Product service and training





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.



Torque Wrench

The RSL range of Hydratight hydraulic torque wrenches has been developed to provide tailored solutions to any bolting problem – ideal for make-up and break-out of bolted joints. With options of interchangeable heads or dedicated square drive and low profile hexagon cassettes, all products offer reliable light-weight yet powerful performance.



Engineering

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



Topside Bolt Tensioner

Bolt tensioning is an accurate and time saving method for tightening bolts and studs in all industries. Hydratight, through creative design and utilising the most advanced engineering, has developed a wide range of hydraulic bolt tensioners, which provide a solution to industries' bolting problems.



Subsea Bolt Tensioner

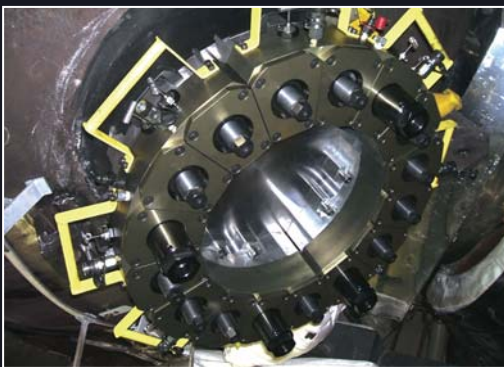
AQUAJACK® and Sea Serpent® hydraulic bolt tensioners are designed for subsea use by divers operating in the poorest visibility and most restrictive approach situations. These subsea tensioners have all the technical and operational advantages of the top side bolt tensioners.



TS Tensioner - The Range for All Compact Flanges

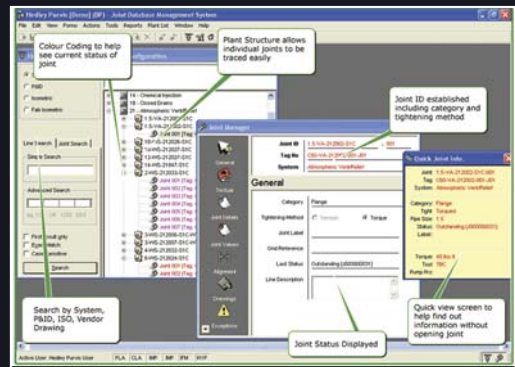
The TS range of tensioners have been designed to fit all compact flanges based on Norsok L-005.

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



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.



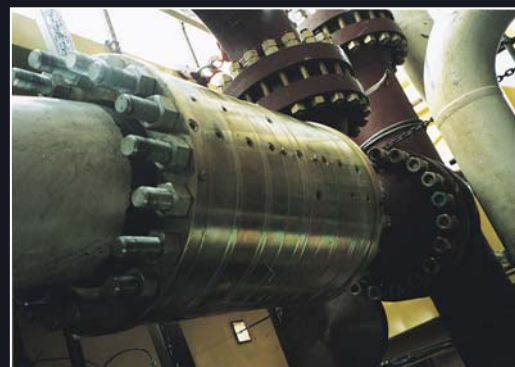
Software

Software packages have been developed to enable users to select appropriate tooling and apply correct loads to bolts, in either torquing or tensioning applications. The basic calculation packages have been enhanced to offer comprehensive database management of joint related information.



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 (N.S.D.S.). The training is also accredited by American Petroleum Institute (A.P.I.)



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.

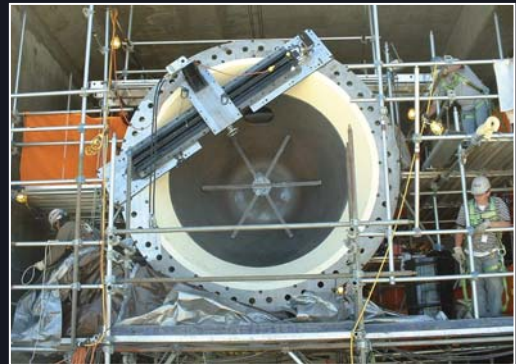
Sales, Service and Rental

Hydratight is an innovative provider of solutions to our customers' joint integrity needs. Today we offer an unrivalled package of products and services.



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, inspiring customer confidence from initial contact right through to the safe completion of the job.



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.



On-Site Heat Treating

The Hydratight range of DL Ricci portable on-site Resistance and Induction Heat Treating equipment, combined with highly skilled technicians, delivers accurate and affordable pre and post weld requirements.



Leak Sealing

Leak Sealing services on flanges, stuffing boxes, valves and pipes are now part of Hydratight's package of in-place service capabilities. Our Injectaseal technology provides leak sealing on flanges regardless of the width, pressure rating, temp or joint type. Solutions for non-standard applications are tailor made.



Split-Off Nut

The split-off nut utilises unique split-off technology which allows quick, remote removal from a tightened stud bolt. The split-off nut replaces regular nuts, and thanks to its unique design, will be quickly removed from the tightened stud bolt. The principle of the split-off nut is the following:

- The split-off nut is a three segment nut set into a cage.
- A low pressure (less than 120 BAR) 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 systems that can effectively monitor and record bolt stress. Hydratight has again been at the forefront in the development of this equipment.



Hydraulic Pumps

The high quality and reliability of the Hydratight range of bolt tensioning and torque products is complemented by the most advanced range of pump units, hoses and accessories available.



Nutsplitter

The Nutsplitter utilises 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.



Flange Pulling and Spreading

The Flange Pulling system utilises a double acting hollow cylinder together with wire rope or threaded bar. A unique design jaw assembly is used to grip and release the rope. The Flange Spreader is designed to smoothly and evenly force open the flanged joint.

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

