Dual Tensioner capability
INTRODUCING AQUATIC

Aquatic, an Acteon company, continues to build a strong global reputation for its ability to lay and retrieve flexible and semi-rigid product on the seabed.

With more than 40 years’ experience of onshore and offshore installations, our engineering solutions and capabilities are developed to meet customer needs for any project or specific challenge.

FOUR TRACK TENSIONERS

The largest four-track tensioner in the Aquatic range is the AQTT-10-50. Challenged with delivering at least an 80Te line pull, the in-house engineering team’s innovative solution was to run two units in tandem. As the two tensioners are identical, the unit weight and product diameter remain the same. Although a dual tensioner system takes up more deck space, it does offer low load per unit length, allowing us to comfortably operate in much deeper waters. The Aquatic dual tensioner system is rated to a minimum of 80Te line pull depending on the product machine configuration.

TWO TRACK TENSIONERS

We have a complementary range of two track tensioners available, for smaller product diameters, varying line pull and track squeeze. At Aquatic we have an equipment solution to suit all project requirements.

PRODUCT HANDLING CAPABILITY

Aquatic can install, replace and recover semi-rigid products such as:

- coiled tubing
- mooring lines
- power cables
- production flowlines
- production, gas lift and injection risers
- reelable steel pipe
- telecommunication cables
- umbilicals
- water pipes
- wire rope products

YOUR GLOBAL PARTNER FOR COMPLETE FLEX-LAY SOLUTIONS

info@aquaticsubsea.com
**MANIFOLD**

The manifold balances the pressure of the hydraulic fluid supplied to both tensioners, meaning they speed up, move, and slow down, together as one.

**CONTROL CABIN**

A bespoke control cabin was developed to simultaneously allow the real-time monitoring and control of the system parameters of both machines. The control screens display each tensioner’s settings and their speed.
A midline connector is used to join the product from one reel to the next, allowing continuous operation, until the entire product has been successfully laid.
MODULAR AND FLEXIBLE

Our equipment can be dismantled to fit into standard shipping containers (40ft/12m), enabling, if needs be, Aquatic equipment to be installed on relatively small vessels of opportunity from more economical quayside locations.

It’s an ideal solution to the logistics challenges and costs faced by operators as it provides faster mobilisations and demobilisations.

Our reputation has grown in part because we minimise vessel downtime, which reduces the project cost to the end customer.

UNRIVALLED EXPERIENCE

Aquatic is a leading independent operator of full powered reel and tensioner solutions for the global oil and gas, telecommunications and energy industries.

Renowned for laying and retrieving flexible and semi-rigid products on the sea bed, we work with our customers adapting our equipment and solutions to meet their needs.

With a proven ability in shallow and deepwater we give our customers the required flexibility for project logistics and planning.
AQUATIC is a Registered Trade Mark of Aquatic Engineering & Construction Ltd
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