



Multi Stud Tensioning Systems (MST)

Hydratight's Multi Stud Tensioning (MST) systems are capable of simultaneously tensioning every stud in a joint.

To minimise the risk of leaks our MST systems are the most accurate, controlled, and quickest means of loosening and tightening studs on primary manway, secondary manway, hand-hole and inspection ports; also suitable for use on pumps, and valves.

By designing MSTs in segments, Hydratight has minimised the weight that technicians need to lift into place. Operators quickly and easily connect each segment to the joint and link them together to provide equal loading. Additional innovations, such as using asymmetrical ram areas and strong, forged lightweight materials, allow for 100% coverage which can reduce bolting time by as much as 75%.

This tool can be custom-designed, and built, for virtually any nuclear facility. We specialise in addressing difficult projects that demand accurate loads within tight space envelopes, while also seeking ease of operation and performance.

Features:

- Lightweight designs
- Long-Life seals
- Advanced materials
- Asymmetric rams
- Reaction nut or puller style
- Magnetic Sockets
- Integrated load measurement
- Magnetic support

For stud tensioning technology, in critical nuclear applications, it has to be Hydratight.

