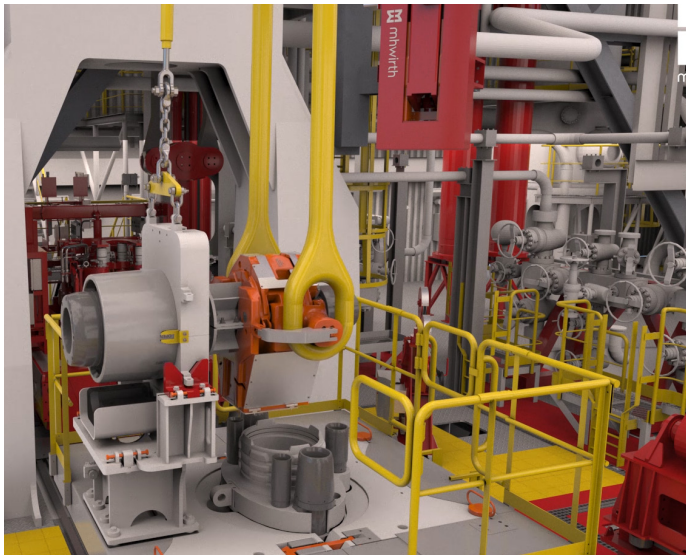
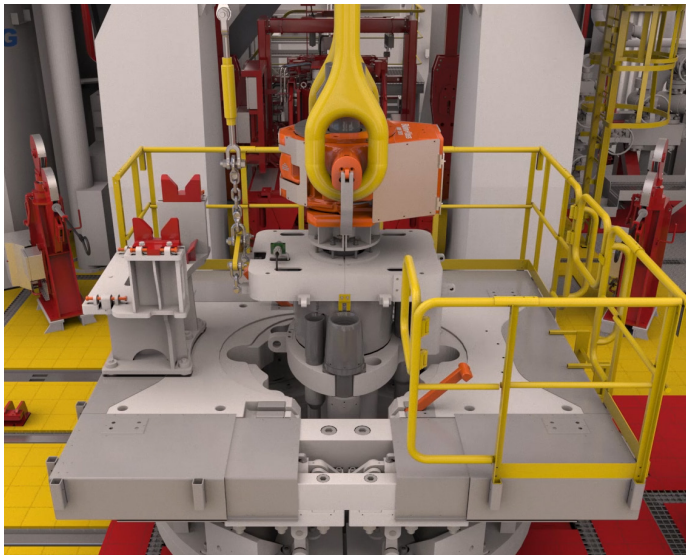
Riser Tools

Field Proven

HMH's service-friendly riser tools are field proven and enable quick, reliable and safe running or retrieval of our QTR™ Drilling Riser System. It is the most efficient and safest system available in the market.

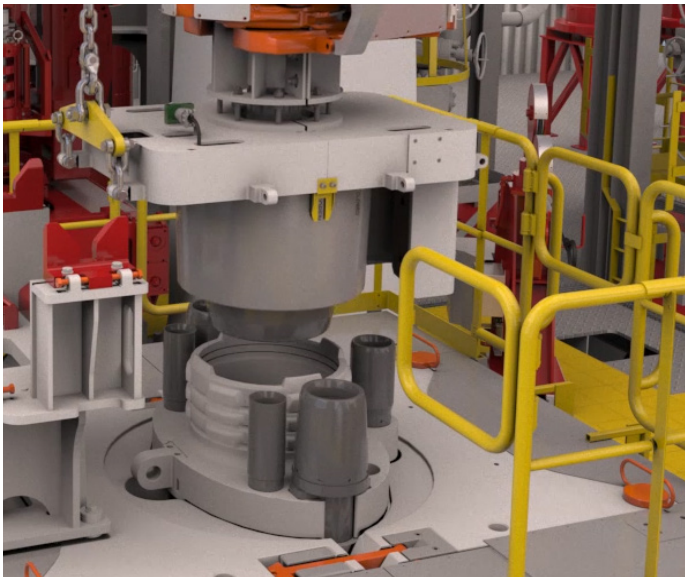
During subsea operations, high efficiency and uptime as well as safe equipment make the difference. With a unique simple and robust design, our riser tools meet these challenges and provide best value to our customers in their operations. Our riser tools are designed in accordance with API, DNV and ABS and certified by DNV and ABS.





Benefits

- Field proven
- Quick and reliable connection
- Simple and robust design
- Easy maintenance, service and inspection
- Reduced OPEX

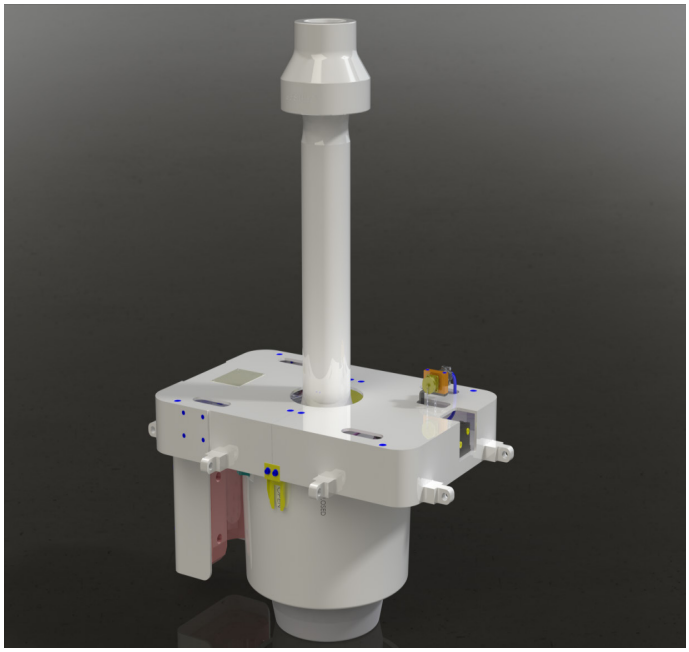


Running Tool

The HMH QTR™ Running Tool (RT) runs and retrieves the riser string - from either horizontal or vertical position. Integrated pad eyes at the mounting plate allow to pivot the tool in the horizontal position.

Our hydraulic RT includes indicators to verify the position of the locking mechanism and give both a visual and an electric signal to driller cabin. Depending on project requirements, a manually operated RT is also available.

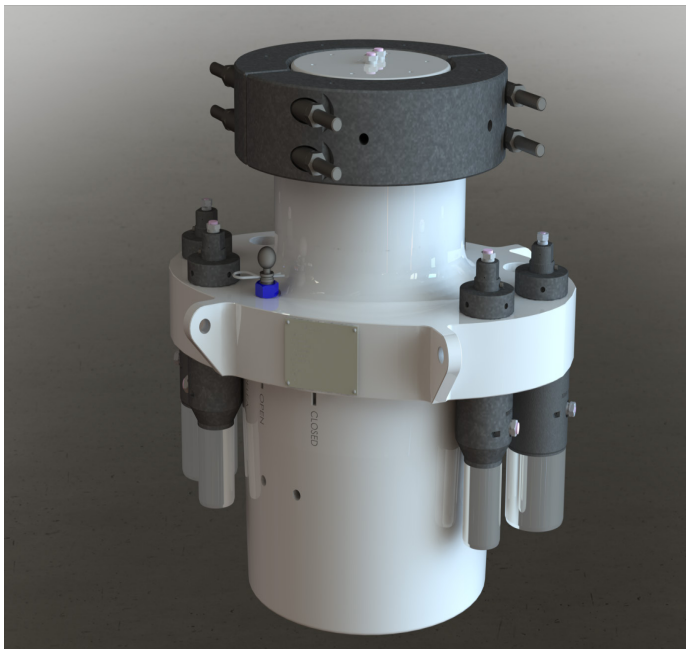
To meet rig specific requirements, we provide mandrels in different lengths and diameters. Mandrel top is a shoulder interface towards the top drive elevator, and it has a 6 5/8” full hole API box to lift and handle the tool.



Test Tool

For simple installation, the riser test tool (RTT) utilizes the same connecting principle as the riser joint. The RTT consists of the male connector with a lock ring and peripheral line stabs with test ports.

Visual indicators in our manually operated RTT ensure reliable verification of the correct locking ring position.

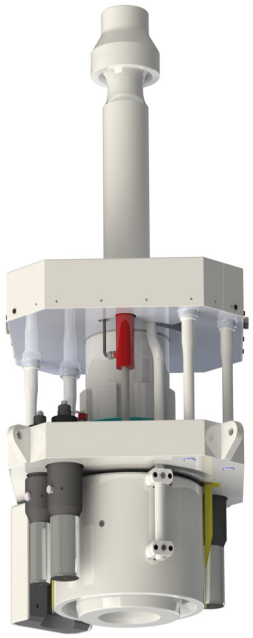


Combined Test and Running Tool

The HMH QTR™ Combined Test and Running Tool (CTRT) combines the features from the test and the running tool and enables testing of both main bore and p-lines with the same tool. This increases operational efficiency and reduces time per connected riser.

With a reliable and fail-safe design, the CTRT provides increased safety for deck crew.

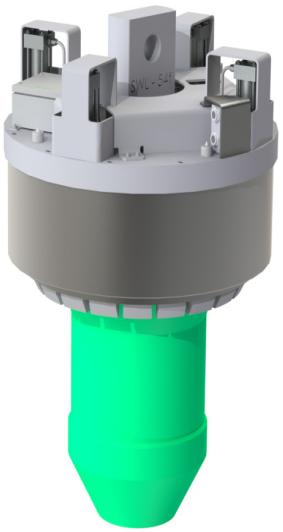
The CTRT can be customized to interface any top drive brand in the market.



Bay Handling Tool

The HMH remotely-operated riser bay handling tool specifically pick-up the riser joints from the vertical position in the riser bay on the rig.

The tool is operated remotely by the crane operator and does not requires any orientation with the riser joint.



Spider and Gimbal

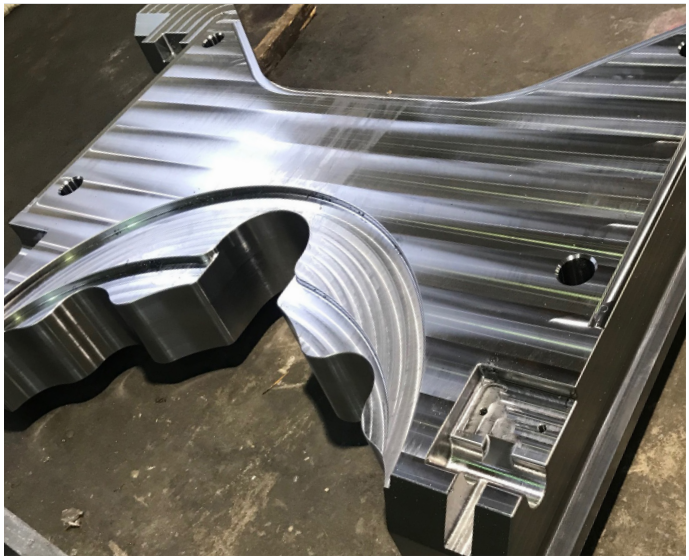
The HMH QTR™ spider and gimbal supports the drilling riser string, lower marine riser package (LMRP), and BOP stack during the drilling riser installation and retrieval operations. The integrated design reduces the height of the tool, improving the HSSE and handling operations on the rig floor.

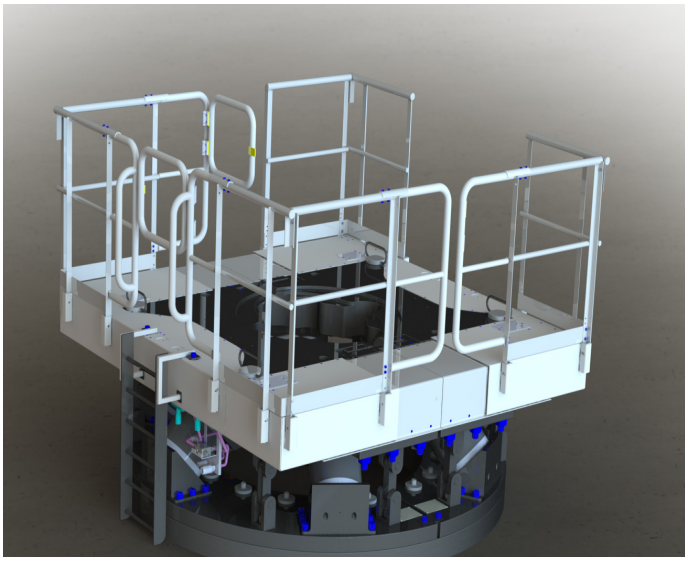
Without any welds in the load path, the HMH spider and gimbal is highly reliable and keeps maintenance and repair at a minimum. Depending on project requirements, our hydraulic spider and gimbal can be operated from a stand-alone control panel or the drillers' cabin.

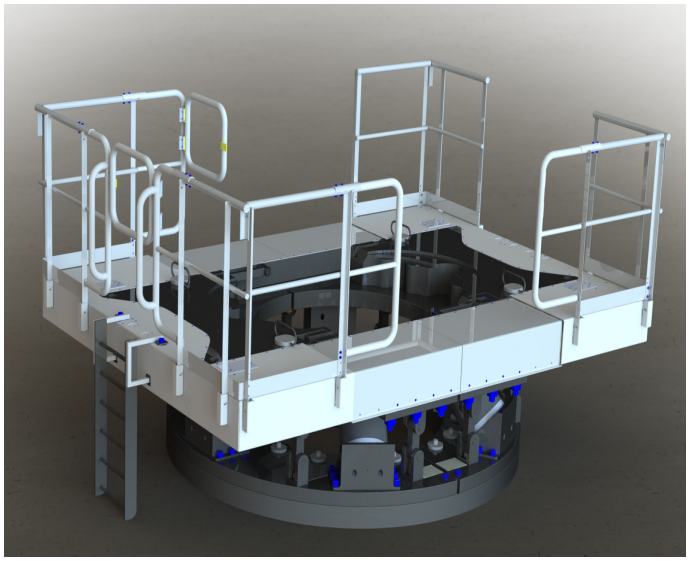
To absorb motion-induced loads, it is equipped with elastomeric cushions, allows for 6 degrees of movement in all directions and is mounted on a load plate. This transfers the loads from the spider, gimbal and load plate to the rotary table.

HMH spiders and gimbals are available in sizes from 60.5 in to 75.5 in and with their design, they allow for single and split lift. The spider can be split in halves with a riser joint in the rotary table.

Depending on project requirements, we can offer handsfree make up of QTR™ connectors.







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