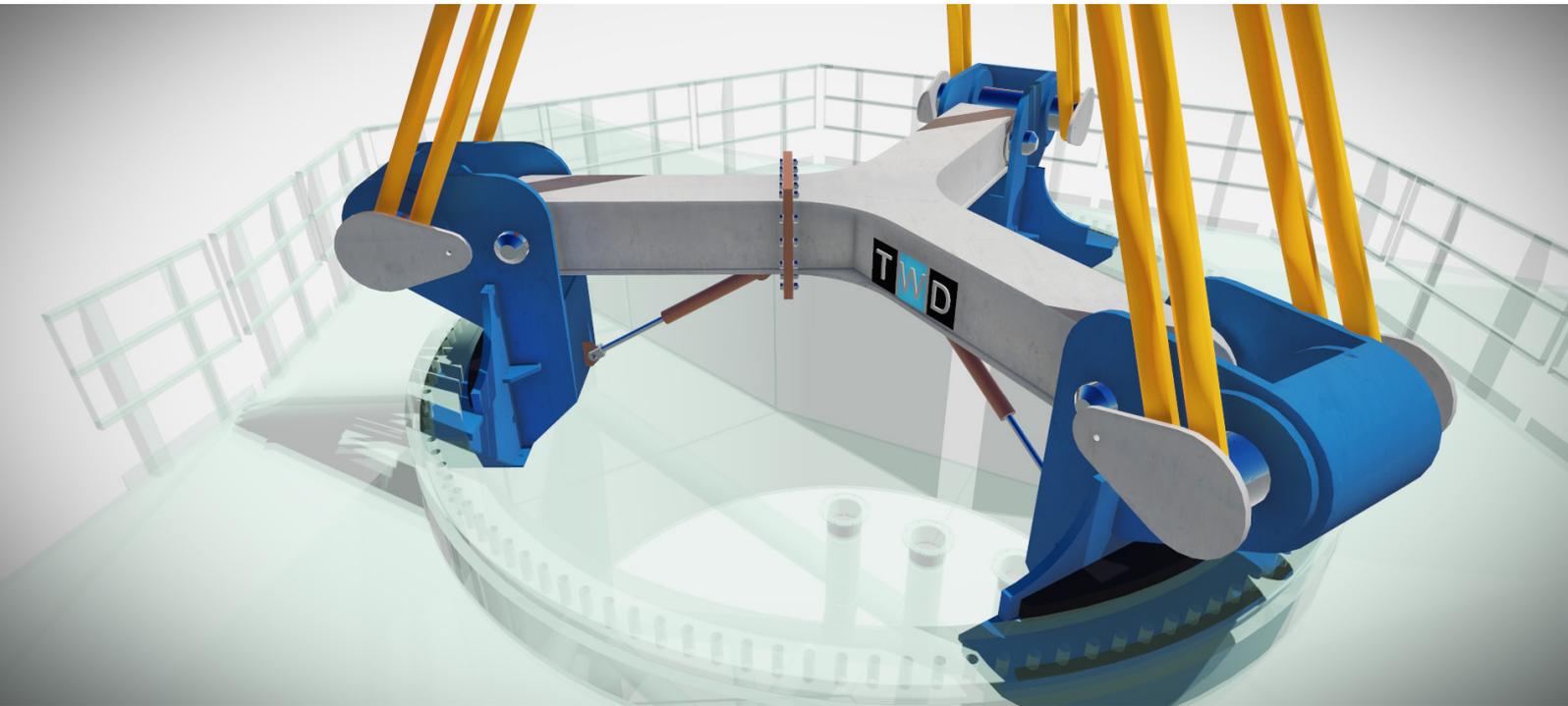


JACKET LIFTING TOOL



TWD JACKET LIFTING TOOL



TWD developed a Jacket Lifting Tool that enables you to install the next generation wind turbine jackets.

The Jacket Lifting Tool is light weight and currently available with a SWL up to 1500 tonne. The design of the tool can be scaled up and tailored to your maximum crane capacity in case an increased SWL is required.

Being fully remote controlled, it ensures a safe and easy installation, without the need of crew accessing the top of the jacket.

The Jacket Lifting Tool is designed with operational safety, speed and redundancy as main objectives. TWD has a large track record in the design of offshore lifting tools and we incorporated this experience in the design of the light-weight Jacket Lifting Tool.

ADVANTAGES JACKET LIFTING TOOL

- LIGHT WEIGHT
- SWL 500-1.500+ TONNE
- FULLY REMOTE, NO WIRING OR ACCESS REQUIRED
- ADAPTABLE FOR DIFFERENT DIAMETERS AND MULTIPLE PROJECTS
- FAIL-SAFE AND ROBUST
- EASY AND QUICK INSTALLATION
- FULL TOOL DELIVERY OR ONLY DESIGN
- EXPERTS IN ONE-OFF OFFSHORE TOOLS
- FLANGE INTEGRITY VERIFICATION
- DELIVERED IN YOUR COMPANY COLORS



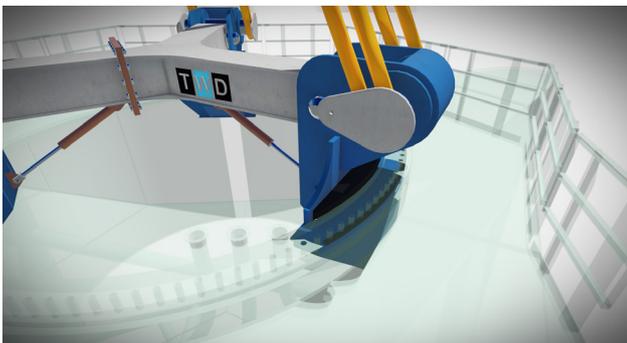
A SAFE AND LIGHT-WEIGHT TOOL

The 1500 tonne SWL version weighs less than 20 tonne. Enabling you to make maximum use of your crane's lifting capacity.

The self-locking clamp design ensures a safe lift. Besides being locked by the self weight of the jacket, the system is double redundant and locked by cylinders prior to lifting.



The Jacket Lifting Tool saves significant installation and operation time, since crew access or guides on the jacket are not needed during installation and lifting. Due to the specific shape of the clamping hooks the tool positions itself on the jacket's flange. With the rollers, the orientation of the tool is altered, while being monitored by cameras and sensors.



COVER EXTENSION

In some projects covers are present to protect electrical installations in the transition piece, these do not pose a problem for the Jacket Lifting Tool.

The tool can be modified to fit through openings in the cover. Besides these modifications, TWD can assist in the design of the covers itself to ensure the synergy between the tool and cover.

TAILORED DESIGN

As engineers specialized in the design of custom-made offshore tools, TWD can support you with the complete project. Next to the delivery of your Jacket Lifting Tool, a jacket flange stress integrity study and clash checks are included.

Moreover, the tool can be tailored to your specific needs and requirements, like SWL, company colors and seafastening.

AVAILABILITY

Your Jacket Lifting Tool can be delivered fully load tested and certified within 10 weeks. Next to the tool, mobilization and site acceptance tests can be arranged upon request. For pricing information or technical enquiries, please use the contact information below.

GET IN TOUCH

TEMPORARY WORKS DESIGN

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