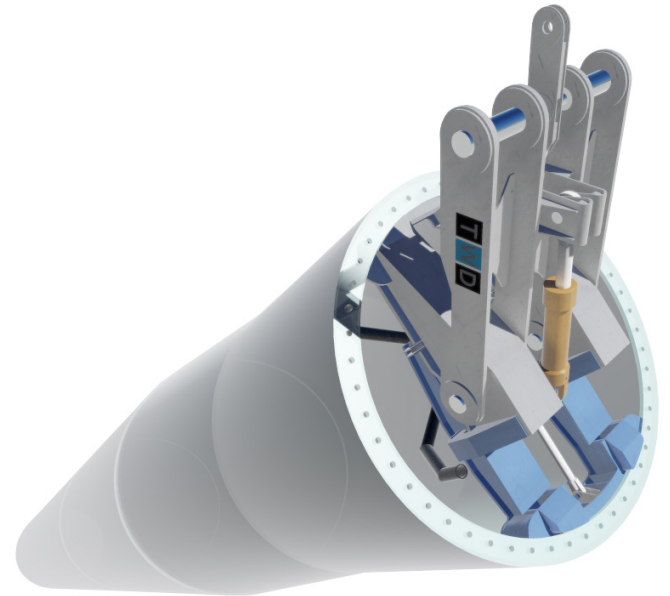


# MULTIPURPOSE LIFTING TOOL



## THE TOOL



The multipurpose lifting tool provides a light-weight solution for installation of monopiles and transition pieces without making any reconfigurations. Tailored to your vessel's maximum crane capacity, it allows installation contractors to use the same familiar tool on different items and installation projects.

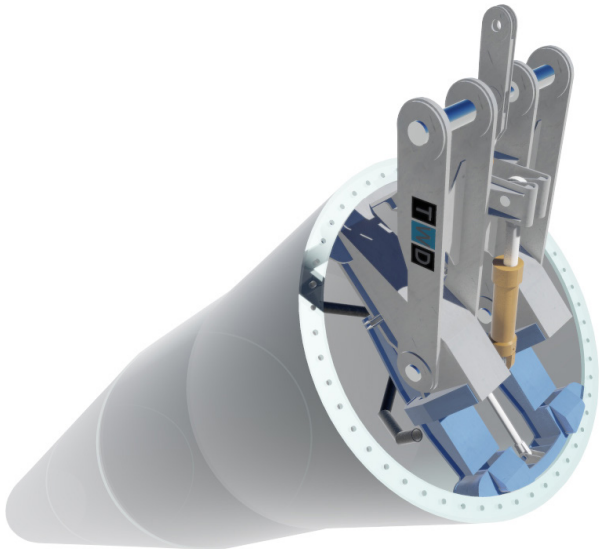
With operational safety, robustness and ease of installation as main design objectives, the cooperation of Bosch Rexroth and Temporary Works Design realized the most flexible and best integrated internal flange lifting tool currently available in the market.

## ADVANTAGES

- TAILORED FOR CRANE CAPACITY
- TAILORED TO YOUR SPECIFIC REQUIREMENTS
- SINGLE TOOL TO LIFT MONOPILES AND TRANSITION PIECES, WITHOUT RECONFIGURATION
- SIMPLE REMOTE CONTROL
- EASY INSERTION DUE TO SMART GUIDE DESIGN
- C.O.G. OPTIMIZED FOR QUICK LIFTING AND INSERTION
- ADAPTABLE FOR DIFFERENT DIAMETERS
- SEAFASTENING INCLUDED
- ACCUMULATORS ON TOOL, NO WIRES REQUIRED
- SAVES INSTALLATION AND OPERATION TIME
- FAIL-SAFE

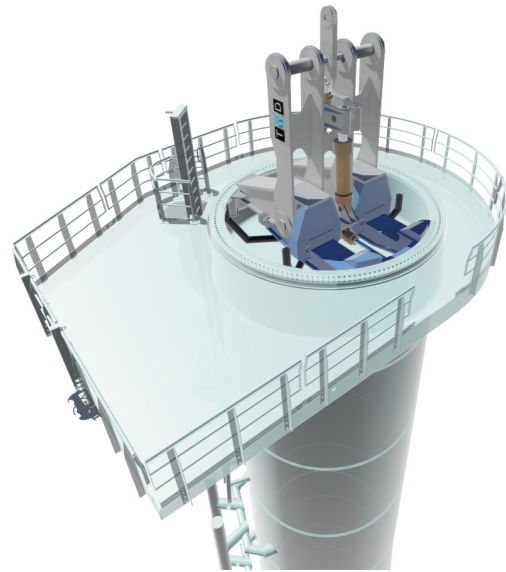
## MONOPILE UPENDING

- POSITION IN MONOPILE WITH NO NEED FOR CREW ACCESS
- VISUAL CONFIRMATION WITH CAMERAS
- UPEND AND LIFT MONOPILE WITH TWO SIMPLE ROTATIONS
- NO DAMAGE ON FLANGES
- ONE TOOL TO LIFT ALL MONOPILES WITHIN CRANE CAPACITY
- LARGE GUIDES TO INSERT THE TOOL



## TRANSITION PIECE LIFTING

- LOW INSERT HEIGHT
- VISUAL CONFIRMATION WITH CAMERAS
- ADJUSTS FOR C.O.G. OFFSET
- NO DAMAGE ON FLANGES
- ONE TOOL FOR BOTH MONOPILES AND TRANSITION PIECES



## AVAILABILITY

The multipurpose lifting tool will be delivered fully load tested and certified, adjusted to your specific requirements. For pricing information or technical enquiries, please make use of the contact information below.

### GET IN TOUCH

#### TEMPORARY WORKS DESIGN

T +31 10 294 03 74  
W [www.twd.nl](http://www.twd.nl)  
E [info@twd.nl](mailto:info@twd.nl)

Rotterdam Science Tower - Marconistraat 16  
3029 AK Rotterdam  
The Netherlands