



WAGENBORG



LOAD TESTING SERVICES

Wagenborg load testing services

When it comes to testing lifting equipment for the offshore (wind) energy sector, there is no standard solution. This ultra-heavy equipment is specially manufactured for a specific application and due to its weight and dimensions, a standard tensile tester is not sufficient. Wagenborg engineers therefore developed a customised load test solution.

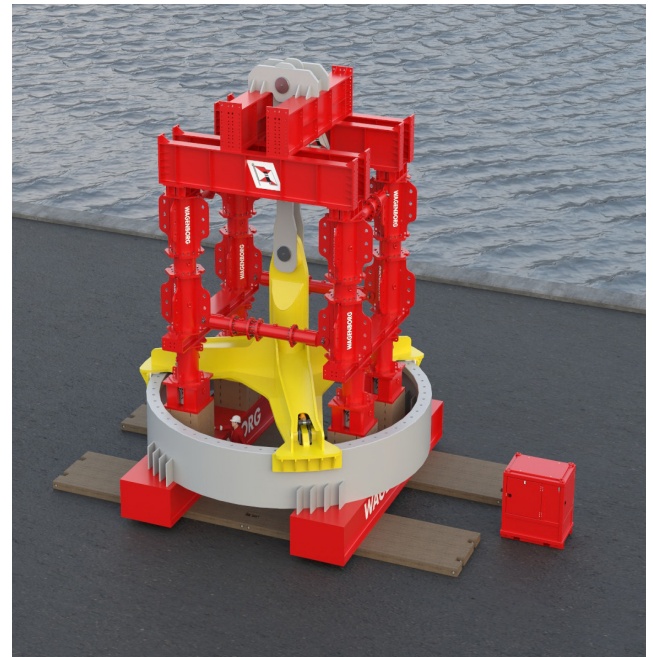
Load test - measurable result

A load test, when performed under the supervision of a certifying body, offers significant advantages over model calculations. A certified load test allows lower design factors to be used, which has a positive effect on the deadweight/capacity ratio. Furthermore, with a certified load test, the maximum capacity of the lifting equipment can be used.

Customised

Wagenborg's load testing solution consists of a test arrangement built primarily from existing heavy lifting equipment and modular auxiliary structures. In close consultation with the customer, we extend this test setup with specific, customised applications for the lifting equipment to be tested.

All components of the test arrangement are modular and therefore easy to transport. This means that we can perform the load test anywhere and at any time during the lifting equipment manufacturing process.



Flexible and safe

The customised load test rig provides a flexible, controlled and safe test environment. During the load test, forces are gradually applied to the entire system and its progress is closely monitored.

This minimises the potential impact of any unforeseen event. It also eliminates the need for expensive resources such as a crane barge or pontoon to perform the load test.

The Wagenborg load test approach

Engineering - development of a well-designed, efficient mobile load test arrangement in close collaboration with the client

Project management - thorough preparation and execution in accordance with the agreed method statement and certifying body regulations

Reporting - specified reporting of load test results to certifying body.

Why Wagenborg

- Proven track record
- Quality driven service
- Personal contact