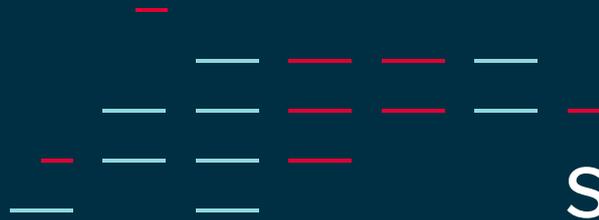


SEAONICS™



SEAONICS ECOM Gangway



SEAONICS.COM

Specialized to give our
customers the upper
hand at sea





SEAONICS ECMC Gangway

Electric Controlled Motion Compensated

TECHNICAL DETAILS

32 meter outreach / 2T@32M 3D crane lifting capacity

The new SEAONICS Electric Controlled Motion Compensated Gangway design, is based on our philosophy on electrifying all handling operations at sea. The ECMC Gangway fulfills all requirements for a walk to work solution in offshore wind operations.

The unique design features a large cargo and personnel platform with a free sight towards the landing target, stepless positioning of the working height of the gangway, cargo transportation with a trolley between storage and landing target, a space-saving solution with fully integrated power and control electronics in cursor and gangway kingpost.

The electrical cursor winches, integrated into the cursor, are designed for personnel lift and this enables seven meters extended operational height above the elevator upper access point of the tower. The boom, slew, and telescope control are all electric-driven and dynamically controlled to perform the motion compensation. The system regenerates power to the power grid, either directly to the vessel DC-grid or AC-grid through an Active Front End, given the implemented system. The well-proven control technology, for active motion compensation, is developed by SEAONICS. Our technology has served safe

personnel transfer in offshore wind operations worldwide for almost 10 years.

The operator station is located on the vessel bridge. The gangway system is equipped with the SEAONICS Auto-landing system. This system enables repeatable, safe, and efficient landing operations.

The gangway is equipped with an electrical winch for cargo handling in 3D motion compensated lifting operations.

The SEAONICS ECMC Gangway is designed according to the DNVGL-ST-0358.



Scan the QR-kode to learn more about the SEAONICS ECMC Gangway.

ENQUIRIES: stale.fure@seaonics.com

Driven by the world's need for sustainable innovation, SEAONICS will lead our customers efficiently and safely to the next level of intelligent, electrified handling and lifting solutions for the maritime industry. With specialized knowledge and technology, SEAONICS will strive to make maritime handling and lifting solutions even more efficient, smarter and more profitable.

We provide a close and customized follow-up, which is tailored to your requirements for advice, service and control throughout the product's lifetime. Through the use of simulators and test labs we create a virtual training environment to ensure operation safety and efficiency. SEAONICS solutions are all designed to meet the demands of the future, including new safety standards, extreme environmental conditions and zero emission operations.