

DEME's Orion arrives at Liebherr factory in Rostock

- DEME's next generation offshore installation vessel "Orion" reaches Liebherr-MCCtec Rostock GmbH
- Liebherr's biggest offshore crane HLC 295000 to be mounted on the "Orion"
- Installation to be supported by the TCC 78000

Rostock (Germany), November 2019 – Liebherr-MCCtec Rostock GmbH announces the arrival of DEME's offshore vessel "Orion". The large-scale project is thus entering the next exciting phase - the erection of the biggest offshore crane Liebherr Maritime Cranes has ever constructed, the HLC 295000.

The "Orion" reached the Liebherr Rostock on the 22nd of November 2019. Following the arrival in Rostock, the assembly of the HLC 295000 is going to begin. The manufacture of Liebherr's first HLC is a revolutionary project that is now ready to go into the final phase.

Over the past months, the technical and organizational efforts were immense. Several thousand tonnes of steel have been formed, welded and assembled into a product that is unique for Liebherr. Not only the size of the crane, but also the size of the individual components and main parts is exciting. The HLC boom alone is 160 metres long and the whole crane has a height of 90 metres. Assembled on a huge pedestal the crane is going to have a lifting height of up to 180 metres – almost twice as high as the Statue of Liberty in New York. With a lifting capacity of 5,000 tonnes at more than 30 metres outreach the HLC 295000 could lift nine fully loaded A380 airplanes in one go.

In order to install the giant HLC 295000 on the "Orion", the recently inaugurated TCC 78000 will support the assembly work. With its maximum lifting capacity of 1,600 tonnes and a max. lifting height of 158 metres, the TCC 78000 is predestined for this kind of challenging operation. The newly developed travelling cargo crane (TCC) is equipped with double bogeys (two rails per side) and has a track gauge of 30 metres. Therefore, the gantry crane provides optimum flexibility for handling all types of heavy goods.

Liebherr-MCCtec Rostock GmbH is looking forward to entering the final stages of the realization of this landmark offshore project.

The Liebherr Group comprises more than 130 companies on all continents and currently employs more than 46,000 people. In 2018, Liebherr achieved a consolidated total turnover of around 10.551 billion euros. The parent company is Liebherr-International AG in Bulle (Switzerland), whose shareholders are exclusively members of the Liebherr family. Liebherr is now jointly managed by the second and third generations. This continuity characterizes the group of companies and is a solid basis for its success. Liebherr-MCCtec Rostock GmbH offers a versatile and well-graded product range in the manufacture of maritime cranes, with solutions for all types of cargo handling for ports, shipping and the offshore sector. Liebherr-MCCtec Rostock GmbH's product portfolio includes mobile harbour cranes, ship cranes, offshore cranes and reachstackers

Captions

Liebherr_Orion_25112019_1.jpg, Liebherr_Orion_25112019_2.jpg

DEME's offshore installation vessel "Orion" reaches Liebherr-MCCtec Rostock GmbH

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