

Press information

Cooperation for greener energy

- **Liebherr Ram Luffing Crane type RL 2600-35 Litronic ordered for an Offshore Converter Station**
- **The crane will operate on the Offshore platform DolWin epsilon, located in the North Sea**
- **Liebherr will deliver the crane from its production site in Rostock, Germany in 2021**

Liebherr-MCCtec Rostock GmbH together with Aibel AS has signed a contract for the delivery of a cylinder-luffing crane, type RL 2600-35 Lit. The company TenneT TSO GmbH commissioned Aibel AS to build the offshore platform DolWin epsilon on which the Liebherr crane will be used for supply and maintenance tasks on the German North Sea.

Rostock (Germany) September 2020 – The RL 2600-35 Lit is a weight-optimised and compact designed offshore crane. It is the ideal equipment for small platforms, where space is limited. The RL 2600-35 Lit has a box boom with a maximum working outreach of 52 metres and a maximum lifting capacity of 35 tons.

“With the RL 2600-35 Lit we are delivering the latest innovation within our offshore crane portfolio. The crane is ready to be equipped with innovative maintenance features to meet the demanding requirements of normally unmanned offshore platforms and with its reliable and maintenance-friendly design the RL 2600-35 Lit will help to lead the DolWin5 project to success”, says Matti Basan, Sales Manager Offshore Cranes.

With DolWin5 TenneT realises a high-voltage direct current offshore grid connection system in the German part of the North Sea. The grid connection has a transmission capacity of 900 MW and is located in the DolWin cluster. DolWin5 is to connect the offshore wind park Borkum Riffgrund 3 to the high-voltage grid onshore.

Long cooperation with Aibel AS and TenneT

The RL 2600 will be delivered in the middle of 2021. Until that, Liebherr will collaborate closely with Aibel AS, who is responsible for building the offshore platform. With this order, the business relationship between Liebherr and Aibel AS is expanded and strengthened.

Once the platform has been completed, TenneT will take it over and operate the RL 2600-35 for maintenance work and the loading and uploading of offshore supply vessels.

Liebherr delivered already 13 RL cranes to the customer TenneT. Various sizes were requested, from the RL 850 and the RL 1500 to the RL 2650 with a possible maximum lifting capacity up to 60 tonnes. All of these cranes are placed on offshore platforms, which are necessary for the operation of offshore wind farms. Liebherr and TenneT are thus contributing to the expansion of renewable energies and emission-free power supply.

Weight-optimised and compact design

A weight-optimised and compact design with a load bearing capacity up to 100 tonnes make the ram luffing crane series (RL) from Liebherr an ideal piece of equipment for small and unmanned platforms or floating storage vessels. The ram luffing crane RL can be powered electro-hydraulically or diesel-hydraulically and is available for explosive areas in accordance with the requisite classification. The box-type booms in the RL crane have a cylinder luffing design. This lowers the height and weight to a minimum and enables low-maintenance operation.

About Aibel AS

Aibel is a leading service company within the oil, gas and offshore wind industries. They provide their customers with optimal and innovative solutions within engineering, construction, modifications and maintenance throughout a project's entire life cycle. Aibel's 4000 skilled employees are located close to their customers at the company's offices in Norway and South East Asia. In addition, we operate two modern yards in Haugesund and in Thailand, with complete prefabrication and construction capabilities.

About TenneT TSO GmbH

TenneT is a leading European transmission system operator. TenneT plans, builds, maintains and operates the high and extra-high voltage grid in the Netherlands and large parts of Germany and facilitates the European energy market. With approximately 23,500 kilometres of high and extra-high voltage cables in the Netherlands and Germany, TenneT provides a reliable and secure supply of electricity to 42 million end consumers, while maintaining a balance between electricity supply and demand. With almost 5,000 employees, TenneT generates a turnover of 4.1 billion euros and has fixed assets of around 23 billion euros.

About Liebherr-MCCtec Rostock GmbH

Liebherr-MCCtec Rostock GmbH is one of the leading European manufacturers of maritime material handling solutions. The product range includes ship, mobile harbour and offshore cranes. Reachstackers and components for container cranes are also part of the product portfolio.

About the Liebherr Group

The Liebherr Group comprises more than 140 companies on all continents and employs over 48,000 people. In 2019 Liebherr achieved a consolidated total turnover of around 11.7 billion euros. As a global, family-run technology company, Liebherr is not only one of the largest construction machinery manufacturers in the world, but is also recognised in many other industries as a provider of technically sophisticated products and services with a focus on customer benefit. Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949.

Pictures



liebherr-oc-rl-1500-35-dolwin-beta-aibel-as-north-sea.jpg

In 2013 Liebherr delivered two RL 1500-35 Lit to the shipyard Aibel. They were ordered for a previous platform project DoWin Beta by the end customer TenneT.

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