

Press release

## The Port of Grenaa goes for green e-drive

- Liebherr LHM 550 technology provides update in Grenaa port
- Drive conversion on customer request for future local emission-free handling
- LHM 550 is Liebherr's bestseller in the mobile harbour crane product range

**The Port of Grenaa relies on Liebherr Mobile Harbour Crane technology and is renewing its equipment. In order to have not only more efficient but also more ecological handling in the future, the Port of Grenaa decided to have a new electric drive built into the LHM 550. Liebherr's customer service in Rostock, Germany, updates the equipment according to the customer's wishes before shipping it to Denmark.**

Rostock (Germany), December 2020 – Grenaa is a port city on the Kattegat and forms the geographical centre of Denmark. The port of Grenaa is one of Denmark's largest commercial and industrial ports. In October, the Port of Grenaa ordered a Liebherr mobile harbour crane type LHM 550.

As one of the existing cranes was no longer up to date, the port decided to upgrade its equipment and increase its performance with new mobile harbour crane technology. For this reason, the port authorities decided to purchase a Liebherr LHM 550 mobile harbour crane, which is by far the most frequently sold model in the LHM portfolio with more than 250 units delivered.

### **E-Drive upgrade**

The demand for sustainable, environmentally sensitive operation and for low-emission cargo handling cranes is becoming increasingly important. Also, the Danish port of Grenaa wants to strengthen its green profile with the locally emission-free drive. Before the LHM 550, which was previously in service in Finland for three years, is delivered to the port of Grenaa, it is given an upgrade at Liebherr's maritime headquarters in Rostock, Germany. Here the LHM 550 will be fitted with an electric drive, which will significantly reduce future emissions when handling goods.

With its 54 metres long boom and a maximum lifting capacity of 144 tonnes, the LHM 550 covers a wide range of handling options. In addition to the hydrostatic drive, the mobility of the

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LHM is a decisive advantage for the customer. All wheel sets are individually steerable and have load balancing, whereby the ground pressure for each wheel does not exceed six tonnes. Furthermore, the 360° mobility ensures highest maneuverability. This is a decisive advantage at all quays and terminals.

### **The Port of Grenaa**

The port of Grenaa has a history of more than 200 years. It has grown from a fishing and ferry port. Over the years the port has broadened its work to bulk activities as well as project and stacking activities. The construction of the Anholt offshore wind farm in 2013 gave the port of Grenaa national and international recognition as a thoroughly proficient wind turbine port. This makes it one of Denmark's leading industrial ports for wind turbine projects.

### **About Liebherr-MCCtec Rostock GmbH**

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

### **About the Liebherr Group**

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is not only one of the largest construction equipment manufacturers in the world, but also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents, employs more than 48,000 staff and in 2019 achieved combined revenues of over 11.7 billion euros. Since its foundation in 1949 in Kirchdorf an der Iller in Southern Germany, Liebherr has been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

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## Images



liebherr-lhm-550-mobile-harbour-crane-grenaa-denmark.jpg

The persons back row from left to right are:

Roman Chopyk (Liebherr), Aron Boysen (Liebherr), Allan Ole Petersen (Liebherr), Lars Mohr Christensen (Port of Grenaa), Thomas Gissel (Port of Grenaa), Thies Gisselbæk (Port of Grenaa)

Front at the table left to right:

Maxim Kim (Liebherr), Henrik Carstensen (CEO Port of Grenaa)



liebherr-lhm-550-mobile-harbour-crane-grenaa-denmark-2.jpg

The LHM 550 is the most frequently sold model in the LHM portfolio with more than 250 units delivered

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