

### **Liebherr launches giant mobile harbour crane LHM 800**

- Largest mobile harbour crane in the market
- Lifting capacity of up to 308 tonnes
- Bulk handling capacity of up to 2,300 t/h
- Capable of servicing 22-rows-wide container vessels

**Liebherr Maritime Cranes introduces the new flagship mobile harbour crane to the market, the LHM 800. This new giant model is the mobile solution for ever growing vessel sizes and heavy industrial goods, taking container, bulk and general cargo handling to the next level.**

The new LHM 800 represents a forward-looking extension at the head of Liebherr's mobile harbour crane range. The dimensions and capabilities of the LHM 800 are unique, outperforming all existing mobile harbour crane models in the market.

Liebherr's newest addition to the portfolio meets growing customer requirements for larger cargo handling solutions in order to efficiently complete new and future tasks.

"The LHM 800 is a breakthrough for the mobile harbour crane sector, outperforming the existing maximum lifting capacity by nearly 50 per cent. Also in terms of container and bulk handling, the LHM 800 is the new benchmark. We are optimistic that this new model will strengthen our market leading position," says Matthias Mungenast, Sales Director for Liebherr mobile harbour cranes.

#### **Performance meets mobility and flexibility**

Like the complete Liebherr mobile harbour crane (LHM) range, the LHM 800 relies on the highly successful x-shaped undercarriage. The cruciform supporting system is unrivalled in terms of stability and operational safety. The wheelsets have been slightly adapted to ensure optimum load distribution of this new giant, which weighs approximately 745 tonnes. Thanks to its rubber tyred undercarriage the crane is mobile and can be moved to where it is needed most. Due to the modular LHM concept,

customers may alternatively opt for a space-saving rail mounted portal, a fixed pedestal or a barge mounted solution.

In addition to the undercarriage, the worldwide-proven functional LHM design ensures that the LHM 800 is a valuable addition to the portfolio.

### **Supreme lifting capacity of 308 tonnes**

The new giant LHM provides a lifting capacity of 308 tonnes, exceeding the maximum capacity of the so far strongest mobile harbour crane, type LHM 600, by not less than 100 tonnes. Thus, the LHM 800 really raises the bar and opens up new fields of application. As industrial goods are getting bigger and heavier, the new crane is a forward-looking solution for ports worldwide.

In addition to single lifts, the new LHM 800 is also designed for tandem lifts. With Liebherr's tandem operation tool Sycratronic® activated, synchronized movement is guaranteed and one crane driver can simultaneously operate both cranes for improved speed, capacity and safety. In tandem operation with a second LHM 800 the maximum lifting capacity is 616 tonnes.

### **Servicing 22-rows wide container vessels**

In container handling configuration the fulcrum point is above 36 metres which eases the handling of bigger vessels. Thanks to its mighty outreach of 64 metres, the LHM 800 is able to efficiently service large container vessels which are as wide as 22 container rows. Generally, Liebherr cranes are well-recognized for their outstanding working speed. The LHM 800 continues this tradition by hoisting and lowering containers with 120 metres per minute. This allows for 38 boxes per hour in standard configuration and even 45 boxes per hour if the crane is equipped with Liebherr's hybrid power booster Pactronic®.

## **Unrivalled bulk handling capacity**

Bulk handling is an easy task for the LHM 800. Equipped with Pactronic® hybrid drive the giant masters up to 2,300 tonnes per hour which is an absolute record in the mobile harbour crane world. The new crane can also be fitted with SmartGrip®, Liebherr's self-learning technology for optimized grab filling rates, which was introduced to the market in 2014.

## **Setting high standards**

The development of the LHM 800 is another important step in developing new fields of application for mobile harbour cranes and underlines the market leading position of Liebherr Maritime Cranes in this sector. This giant represents a new opportunity for many ports in the world to add a mobile and versatile solution to their cargo handling fleet, allowing for more flexibility and more capacity. After last year's introduction of the SmartGrip® technology, Liebherr again drives the mobile harbour crane sector forward with the LHM 800.

## **Caption**

- The LHM 800 is the new mobile cargo handling solution for challenging tasks.

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