

Austria

Liebherr launches giant mobile harbour crane

Liebherr Maritime Cranes has launched the LHM 800 mobile harbour crane (MHC), claiming it to be the largest crane of its type in the market with a lifting capacity of up to 308 tonnes and capable of servicing 22-rows-wide container vessels.

It is designed to provide a 'mobile solution' to the ever-increasing size of vessels and heavy industrial goods. "The LHM 800 is a breakthrough for the mobile harbour crane sector, outperforming the existing maximum lifting capacity by nearly 50%," said sales director, Matthias Mungenast, adding that in terms of container and bulk handling, the cranes is the "new benchmark".

With an outreach of 64 m and a fulcrum point of 36 m, the crane is capable of servicing container vessels of 22-rows wide, hoisting and lowering boxes at a rate of 120 m per minute. This allows lifts of 38 boxes per hour to be achieved in standard configuration, and up to 45 boxes per hour when the crane

is equipped with Liebherr's hybrid power booster Pactoronic®.

Weighing approximately 745 tonnes and in line with the company's other MHCs, the LHM 800 has an x-shaped cruciform rubber-tyred undercarriage supporting system, with the wheel sets adapted to ensure optimum load distribution to increase stability and safety. Rail-mounted portal, fixed pedestal or barge-mounted variants are also available.

The new crane's lifting capacity of 308 tonnes is 100-tonnes greater than the company's LHM 600 series. In addition to single lifts, the LHM 800 is also designed for tandem lifts, which, using the Sycratronic® system, means one crane driver can simultaneously operate both cranes. In tandem operation the maximum lifting capacity rises to 616 tonnes.

In its bulk handling configuration and when equipped with Pactoronic® hybrid drive, the LHM 800 can move up to 2,300 tonnes per hour. ■

The LHM 800 can lift up to 45 boxes per hour



Algeria

Bejaia purchases two Kalmar RTGs and one Liebherr crane

Kalmar has delivered two E-One2 rubber tyred gantry cranes (RTGs) to Bejaia Mediterranean Terminal (BMT) in Algeria, a joint venture between Entreprise Portuaire de Bejaia (EPB) and Portek of Singapore.

BMT has also purchased a Liebherr LHM 420 mobile harbour crane, with an outreach of 48 m and a maximum lifting capacity of 124 tonnes, capable of serving post-Panamax vessels.

Bringing the number of RTGs at the terminal to ten, the new machines are capable of stacking containers one-over-seven high, span six container rows and a truck lane and



A Kalmar RTG and a Liebherr mobile harbour crane at BMT

have a lifting capacity of 41 tonnes.

Nassib Barchiche, BMT's director general said: "BMT has seen significant year-on-year increases in annual throughput since it commenced full operations. Annual throughput has grown from hardly 40,000 teu in 2004 to about 250,000 teu in 2014."

"We are fully committed to increasing the productivity of operations at our terminal," he added.

Takao Omori, CEO of Portek International said that the investment would enable: "all the terminals managed and operated by us to maximise throughput and accelerate growth". ■