

LiUP® Crane Driver Elevator for Mobile Harbour Cranes

- Liebherr presents new elevator for mobile harbour crane operators at TOC Europe 2019 in Rotterdam
- The in-house developed Liebherr crane driver elevator LiUP is designed to transport the operator in a save and efficient way
- The LiUP has innovative drive technology and is powered by an electric motor with lithium-ion battery

Rostock (Germany), June 2019 – Liebherr Maritime presents its new LiUP crane driver elevator for mobile harbour cranes at this year’s terminal operator trade fair, TOC Europe. The in-house developed lift has an innovative drive technology and is powered by an electric motor with lithium-ion battery and energy recovery function.

The inhouse developed Liebherr crane driver elevator LiUP is designed to transport the operator in a save and efficient way to his workplace. The LiUP saves the drivers energy and time compared to climbing up several stairs. Service engineers also save themselves the trouble of climbing up stairs to the crane cab to carry out maintenance work. The lift is capable of transporting up to two people or a payload of 200 kg.

The LiUP elevator has already been deployed successfully for a number of years with Liebherr tower cranes and has been awarded the golden innovation prize at the Intermat 2015 in the “Equipment & Components” category. The device features an innovative drive technology powered by an electric motor with lithium-ion battery. This has the great advantage that no disturbing cables are necessary. When the lift is lowered, the drive concept is also able to recover up to 40% of energy.

Innovative Drive System

The device features an innovative drive technology powered by an electric motor with lithium-ion battery, no ropes or cables are necessary. When the lift is lowered, the innovative drive concept is also able to recover up to 40% of energy.

Multiple safety features

The LiUP has several functions to protect the safety of crane operators and service technicians. The stopping positions are monitored by three limit switches, while a clamp brake reacts when the elevator starts moving too fast. Inductive sensors permanently check whether a guide rail is installed.

Caption

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The LiUP has innovative drive technology and is powered by an electric motor with lithium-ion battery

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