

Liebherr 710 HC-L tower crane in virtual reality

- Virtual reality experience with the 710 HC-L luffing jib crane
- 710 HC-L in action on the MoMA Tower in New York

Las Vegas, NV (USA), March 7, 2017 – At Conexpo 2017, Liebherr is offering a unique experience with a virtual reality application of tower cranes in operation. Simulation include the luffing jib crane 710 HC-L, which – in real life – is currently in action on the MoMA Tower construction site in New York.

This experience is created with virtual reality goggles, which allow users to experience realistic construction site operations. Users can virtually move from the trade show stand directly to the city - at the site about 1,000 ft. in the air - in front of the Liebherr 710 HC-L luffing jib crane. The game pad allows the user to navigate through the 3-D world. This experience allows visitors to take a look at the man-size hook up close, fly the crane's jib or venture through urban areas and watch the traffic 1,000 ft. (300 m) below. This virtual reality application allows Conexpo visitors to experience the crane in a new dimension, including different weather conditions and different times of the day and night.

The 710 HC-L is the largest luffing jib crane available from Liebherr. It has a maximum lifting capacity of 141,000 lbs. (64.0 t) and a maximum jib length of 213.30 ft. (65.0 m). It can also be dismantled into individual parts with a maximum weight of 22,000 lbs. (10.0 t), making it ideal for dismantling using a derrick crane. Its maximum hook height of 3,609 ft. (1100 m), makes the crane ideal for high buildings such as the MoMA Tower in New York. Its optional fly jib adds flexibility to the design. In addition to the independent hoisting of loads weighing up to 28,880 lbs. (13.1 tonnes), the fly jib can also be used for turning large components.

The two Liebherr 710 HC-L luffing jib cranes are currently in action building the 76-story MoMA Tower in New York City. Once finished, at a height of 1,050 ft. (320 m), this skyscraper will be one of the highest buildings in the city. The two cranes were leased by Morrow Equipment, the Liebherr dealer for North America, to the building company Sorbara Construction, Lynbrook, New York.

Captions

liebherr-luffing-crane-710-hcl-virtual-reality.jpg

Visitors can experience the Liebherr 710 HC-L luffing jib crane with a virtual reality application.

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