

In New York City, the new Liebherr Luffing Crane 710 HC-L starts with its job

- The largest Liebherr luffing crane, the 710 HC-L, was erected on the MoMA jobsite in New York City
- The MoMA Tower will be one of the highest buildings in Manhattan with a height of 320 m
- Easy and safe erection of the 710 HC-L Midtown Manhattan

Biberach / Riss (Germany), 20 December 2015 – The first Liebherr luffing crane 710 HC-L 32/64 Litronic has recently been erected on the MoMA Tower jobsite in New York City (USA) and just started its work. Together with a second 710 HC-L, that will be delivered mid 2016, the two tower cranes help to build the 76 story building in Midtown Manhattan. With a height of 320 m (1,050 ft), the skyscraper will be one of the highest buildings in the city. Both cranes are leased from the North American Liebherr dealer Morrow to the contractor Sorbara Construction, Lynbrook, New York.

MoMA Tower is one of New York's most anticipated building projects this decade, with its innovative design, structural features and location. It is fitting that the crane used to build that tower is the Liebherr 710 HC-L, the lift equipment industries highly anticipated luffing jib tower crane that premiered in North America in late 2015. Sorbara Construction was awarded the high-profile project and sought Morrow's expertise and innovation in tower crane services to bring this high-profile project to final completion. Morrow provides Sorbara with support, planning, crane erection assistance and field services.

Sorbara was looking for a high-capacity tower crane that featured fast load cycles, a low external profile, and clean operation. The 710 HC-L arrived in North America just-in-time to meet the expectations of contractors in high-density urban environments. The company leased two 710 HC-L luffing jib cranes from Morrow's New York District. The first crane was erected within 17 hours of delivery to the jobsite keeping Sorbara on

schedule and under budget for this phase of the project. This crane will have a 45 m (148 ft) working radius and will climb to 131 m (430 ft).

The second 710 HC-L crane will be erected during the summer of 2016. This luffing jib crane will have a 60 m (197 ft) working radius and will climb to 216 m (711 ft). This crane will be mounted on a platform outside the building on the 20th floor and top climb to a height of 320 m (1,050 ft). The first crane will be used to erect the second crane and when the first crane has completed its tasks, the second crane will dismantle the first crane.

Located at 53 W 53rd Street, the MoMA Tower will stand 76 stories at 320 m (1,050 ft) tall and house 139 luxury apartments. The 710 HC-L will be integral in the construction of the tower, helping place 7,357 tons of reinforcing steel and 48,850 cubic yards (37.348 m³) of concrete. When completed, MoMA Tower will bring 676,000 gross square feet (628,025 m²) of mixed-use space to downtown Manhattan.

World-renowned architect Jean Nouvel's design will be a masterpiece that integrates with the Museum of Modern Art located next door. This integration extends into the Tower where three floors are to be designated as MoMA art gallery spaces. General contractor Sorbara is well known in New York for concrete superstructures; 1 World Trade Center Freedom Tower, AOL-Time Warner, 7 World Trade Center and Hearst Headquarters among other projects.

Together the MoMA Tower and Liebherr 710 HC-L will rise above New York's skyline in a graceful embrace of design, form and structure.

“We are impressed with the Liebherr 710 HC-L. We are very confident that the combination of Morrow Equipment and Liebherr along with the 710 HC-L will help us complete this prestigious project on time” - William Kell, Sorbara Chief Estimator.

Link to video

<https://www.youtube.com/watch?v=MQ5BU3721Dc>

Morrow service technicians erected the Liebherr 710 HC-L in NYC for Sorbara Construction on the MoMA Tower project within 2 days.

Caption

liebherr-710hc-l-erection-moma-tower-new-york-4.jpg

The Liebherr 710 HC-L luffing crane erection at MoMA Tower in New York City.

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