



Two Raimondi LR273s for North America's largest heritage redevelopment

IMAGE SOURCE: Raimondi

Two Raimondi LR273 luffing cranes for landmark development in Toronto

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- Raimondi's LR273 luffing jib cranes are being used in the construction of The United Bldg, North America's largest heritage building retrofit, located in Toronto.
- The cranes were rented to EllisDon, a leading international construction services company, by Avenue Building Corporation for this significant historical conservation project.
- Two 18t-luffers have been installed, featuring jib lengths of 45 and 50m, tip loads of 4.50t, and are equipped with 86kW hoisting gear for superior lifting performance.

- The LR273 model was chosen for its wide swing angles, superior lifting capacity, and optimized weight for ease of installation, contributing to site safety and efficiency.
- Luigi Maggioni, CEO of Raimondi Group, highlighted the reliability and high performance of their luffing range, emphasizing the company's commitment to excellence.
- The United Bldg project will transform a historic site into a 55-storey mixed-use development, blending modern residential units with commercial spaces, while preserving elements of the original 1928 and 1961 structures.
- **Raimondi** luffing cranes are participating at North America largest heritage building retro fit
- The **LR273** cranes are rented to EllisDon, international leader in the construction services sector for over 70 years
- This crane model advantages include wide swing angles and superior lifting capacity

Avenue Building Corporation deployed two Raimondi LR273 luffing jib cranes for the construction of The United Bldg, a historic landmark development in Toronto, Ontario, Canada.

The 55-storey condominium, preserving elements from the 1928 building and the 1961 expansion, has earned a place in the historical conservation sector, making The United Bldg North America's largest heritage retrofit.

"Avenue Building Corporation is adding another significant project milestone to our site portfolio by renting these two Raimondi LR273 luffing jib cranes to EllisDon, contractor of the project and international leader in construction services," stated Jim Patullo, President, Avenue Building Corporation.



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Installed between December 2023 and January 2024, the two 18t-luffers are currently onsite at a height of 60 and 54m with jib lengths of 45 and 50m respectively, and a tip load of 4.50t.

Equipped with an 86kW hoisting gear, the LR273s lift at a maximum speed of 204 meters per minute and have a drum capacity of 980m, boasting excellent lifting performance.

“With the project preserving the 10-storey existing facade, along with its structural steel retention systems, 75% of the jobsite space was already occupied. We carefully evaluated both of the crane positionings to ensure maximum site safety and efficiency,” he explained.

Patullo adding that the small out-of-service radius, 16m and 17m, and the ease of installation of the LR273 due to the model’s weight optimization, were key features considered during the site planning phase.



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The wide swing angles of the LR273 allow for greater site coverage, coupled with the superior machine performances in terms of lifting capacity, also played a significant role in the deployment of this specific luffing model.

“Witnessing the participation of our models on such a prestigious jobsite highlights the reliability and high performance of our luffing range, reaffirming Raimondi’s commitment to delivering excellence in every product we manufacture. Raimondi technology not only enhances productivity, but it also ensures precision in even the most challenging environments,” stated Luigi Maggioni, Raimondi Group, CEO.

Scheduled to be onsite for several years with varying timelines, the cranes will be internally climbed to reach final heights of 65m and 195m respectively. “The versatility of the Raimondi LR273 makes it one of the

bestselling cranes for jobsites of this nature in the region," Patullo affirmed.

Located along University Avenue, at the intersection of Toronto's primary cultural, institutional, and retail hub, the high-rise mixed-use development will include modern residential units and commercial spaces.

Source: Raimondi

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Raimondi LR273 On LECTURA Specs