



Raimondi on Bauma 2022

IMAGE SOURCE: Raimondi Cranes S.p.A

Raimondi Cranes presents the T187 flattop at Bauma, heralding in a new range of machines

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- The **Raimondi T187** is a weight optimized machine having best-in-class specifications in terms of lifting capabilities and speed
- All crane models will be equipped with ConCore, a new intelligently-designed control system
- The T187 is the first of 8 machines in the new series

Raimondi Cranes SpA, heritage manufacturer of intelligently designed machinery, showcased two topless tower cranes onsite at Bauma 2022. Both cranes are erected at the Raimondi exhibit situated at FS 1102/2 in

the event's outdoor area, alongside Lumina X, the extended version of the company's new crane cabin.

"Raimondi Cranes is pleased to unveil the first crane from the new machine range to the global construction audience. The T187 represents a big step forward for Raimondi as it has been conceptualized and designed as part of a full range of cranes – Class 110 – and not as a standalone machine. This approach has significant implications on both technical and operational levels," stated Eng. Diego Borgna, CEO, Raimondi Cranes.

One of the biggest changes implemented by Raimondi is a new design and development approach to its tower crane manufacturing system. The modularity of mechanical and carpentry parts, coupled with the interchangeability of the jib elements, has facilitated the mass production of a series of eight cranes using the latest lean manufacturing techniques. Further advantages include the ability to deliver higher quality standards and to minimize rental fleet company downtime, maintenance costs and spare parts stocks.

"With best-in-class specifications in terms of lifting capacities, speed, and freestanding height, the T187 – as well as the whole Class 110 – was designed with rental companies in mind. The flexibility of choices, 8 t and 10 t, II/VI falls or permanent II falls, allows fleet rental companies to address a wide variety of needs and projects," explained Cristian Bain, Commercial Director, Raimondi Cranes. Badin added that the 67.5m jib length and the tip load of 1.61 t in UltraLift allows the T187 to become a market leader in its category.

The newly designed towers have been reinforced, allowing for greater freestanding heights. The T187 is aptly suited for the construction of medium-to-high buildings due to its maximum lifting speed of 115 meters per minute in the 37 kW winch version, and the drum capacity of 620m.

All new winches are also equipped with the Down Over Speed (DOS) system, which allows for a substantial increase in intermediate speeds on descents.

Raimondi's newest tower crane, the weight-optimized T187, is ideal for clients who require a machine that is easy to install and boasts excellent speed and performance. Eng. Flavio Sgorbati, Raimondi Cranes Technical Director noted "that there are substantial improvements on the engineering side. This machine, and the entire series, were developed with the most advanced systems using the Finite Elements Method (FEM) to optimize structural weights and dimensions."

Sgorbati concluded by highlighting how the safety PLC is automotive-derived: "Each machine is now equipped with a central processing unit that ensures continued operation even in extreme environmental conditions. The Raimondi technical department has also developed a new software with an advanced and extensive diagnostics system based on the feedback of our service team."

Raimondi's new ConCore control system, due to electronic sensors and dual control, allows for swifter crane set up, extremely precise calibrations, as well as instant troubleshooting during operations.

"As a customer-centric company, we've involved our clients since the initial stage of the new series development to ensure it responds to market needs and trends. From the crane cabin to the lifting capacities, customers have seen their requests become reality which explains the extremely positive feedback thus far. We look forward to the results in upcoming months," Badin concluded.

More details related to the already-showcased new Raimondi Lumina Crane Cabin and Raimondi T537 flat-top tower crane will be released shortly, while Raimondi's senior leadership team, together with its full official agent roster, will be welcoming visitors onsite until October 30, 2022.



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