

PRESS RELEASE

More than ten tons at the top: Wolffkran presents the first trolley jib crane in the 900 mt class at bauma

Munich – February 2025. **Building on the principle of “maximizing tip load capacity at full jib length,” Wolffkran expands its Compact series with the introduction of the WOLFF 8095 Compact. The first WOLFF trolley jib crane in the 900 mt class is impressive, especially considering its high lifting capacity. It comes in two variants and features an automatically couplable double trolley, providing more flexibility for different construction sites. The crane will premiere at bauma 2025.**

“With the new WOLFF 8095 Compact, we have succeeded in designing our largest trolley jib crane to date with an impressive lifting capacity. Thanks to its tower top section, which is about six meters shorter than the cross-jib version, it is very compact and economical,” says Dr. Mohamed Abouelezz, Head of Business Development and Product Management at Wolffkran. “And it comes with a new feature that makes operation even more flexible: the automatically couplable double trolley.”

Double trolley, easy operation

The WOLFF 8095 Compact is available in two variants: The two-fall model WOLFF 8095.25, with a maximum lifting capacity of 25 tons and a tip load capacity of 10.5 tons (with WOLFF Boost at an 80-meter jib length), and the convertible two- and four-fall model WOLFF 8095.40, with a double, automatically couplable, and separable trolley and a maximum lifting capacity of 40 tons.

In four-fall operation, the crane can lift up to 40 tons with the double trolley and still achieve a lifting capacity of 7.8 tons at the top at maximum jib length (8.6 tons with WOLFF Boost). If a higher tip load capacity is required, the trolley can be split at the push of a button. The advantage: Crane personnel no longer have to climb onto the jib to manually separate the trolley. In two-fall operation with a single trolley, the WOLFF 8095.40 achieves a tip load capacity of 9.4 tons (10.3 tons with WOLFF Boost). “This makes it not only stronger than our largest WOLFF cross-jib crane (WOLFF 8060), but also a clear leader in the 900-mt class compared to competitors,” says Dr. Mohamed Abouelezz.

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Lighter construction, higher loads

The high lifting capacity is due not only to the lighter individual weights of the separable trolley but also to the design of the first three jib parts as a four-chord instead of a three-chord version. "This optimizes force transmission in the jib and makes individual components lighter, enabling significantly higher lifting capacity than with a three-chord design," explains Markus Richter, Project Manager of the WOLFF 8095 at Wolffkran.

Additionally, a 110 kW hoist winch is sufficient to achieve operating speeds of up to 160 m/min. For lower power demands, the hoist winch can be reduced by up to 50%, minimizing generator size on-site and saving energy.

THE WOLFF – A highly adaptable pack animal

Thanks to its compact tower top, multiple cranes can be positioned close together while keeping the overall height of the WOLFF pack low. A hoist rope support on the jib reduces rope sag from 7 meters to just 1.5 meters, minimizing the risk of collision with another crane's hoist rope while slewing.

The jib length can be flexibly adjusted in 5-meter increments between 30 and 80 meters. The crane features a tower connection for the 2.90 x 2.90-meter TV 29 tower element, which, when combined with the next larger WOLFF tower element TV 33, enables freestanding tower heights of up to 100 meters – ideal for high-rise prefabricated structures or bridge construction sites where the ties are not possible.

Easy assembly, fully equipped

The four-chord design and compact tower top allow the XXL-crane to be assembled using the standard 350-ton mobile crane. The ties for the jib can be adjusted directly from the tower top section without the need for a mobile crane. The WOLFF 8095 Compact also features enhanced bolt storage at critical locations where bolt installation is particularly demanding. For example, in the rear jib section, where bolts weighing up to 70 kg can now be installed without excessive effort. Additionally, a wide access route to the driver's cab, a maintenance platform for the slewing gears, and galvanized walkways to the drives ensure high comfort and safety during assembly and maintenance.

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The extensive safety equipment includes: Electronic overload protection with WOLFF boost, anti-collision interface, fine positioning modes, automatic performance optimization for hoisting and trolley travel, as well as WOLFF Link remote maintenance system with real-time display of the crane.

The WOLFF 8095 Compact is set for worldwide deployment and has already received significant demand even before its official market launch. The new addition will be presented to the general public at bauma 2025 from April 7-13 at the Wolffkran booth (outdoor area south, booth 902/7). There, its 30-meter jib will extend over the booth's rooftop terrace, allowing visitors to inspect the new trolley up close.

| Variant | Mode of operation | Max. load capacity | Tip load capacity (at 80 m jib length) | Tip load capacity with WOLFF Boost |
|---------------|-------------------------|--------------------|--|------------------------------------|
| WOLFF 8095.25 | 2-Fall | 25.0 t | 9.5 t | 10.5 t |
| WOLFF 8095.40 | 4-Fall (double trolley) | 40.0 t | 7.8 t | 8.6 t |
| WOLFF 8095.40 | 2-Fall (split trolley) | 25.0 t | 9.4 t | 10.3 t |

Lifting capacity overview of the WOLFF 8095 Compact in the different variants and operating modes.

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WOLFFKRAN is a leading manufacturer of premium quality tower cranes with a tradition spanning over 170 years. With its own rental fleet of some 800 tower cranes it is also one of the largest crane rental businesses in the world. WOLFFKRAN is headquartered in Zug, Switzerland and has manufacturing sites in Heilbronn and Luckau, Germany. It currently employs a global workforce of approx. 860 people in its two manufacturing sites and its sales and service subsidiaries located across Western and Central Europe, the Middle East and the United States.

PRESS RELEASE – Pictures and Captions



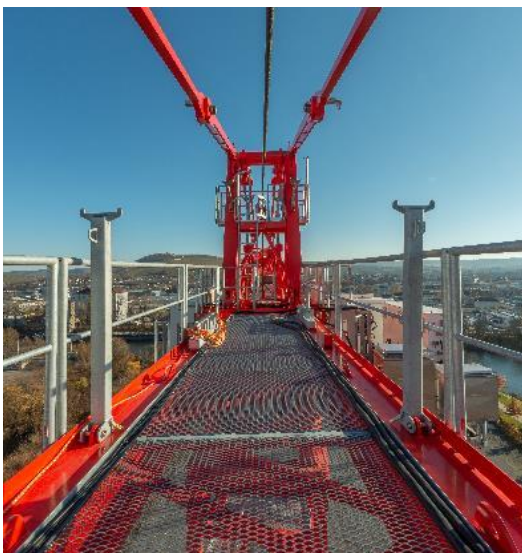
The WOLFF 8095 Compact is Wolffkran's largest trolley jib crane to date. It enters the 900-mt class with a reduced tower top section. As a result, it excels in both lifting capacity and assembly efficiency.

WOLFFKRAN

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By designing the first three jib parts as a four-chord instead of a three-chord version, significantly higher lifting capacities are enabled. The hoist rope support on the jib reduces rope sag from seven to just 1.5 meters, making multi-crane operations safer.



Assembly is further simplified by the supports for counter jib installation (l.) and the bolt storage (o.).