

PRESS RELEASE

Total flexibility in the 141 to 200-mt class: Wolffkran presents the new WOLFF FX 21 Clear crane family at bauma 2022

Munich – June 2022. According to current industry statistics, tower cranes in the 141 to 200-mt segment are among the most demanded models in the European market, prompting Wolffkran to expand its portfolio in this range. The result is not just a new "Wolff" but a brand-new crane concept: The WOLFF FX 21 Clear crane family, consisting of three flat-top models: WOLFF FX 6021 Clear, FX 6521 Clear, and FX 7021 Clear. The use of common components provides full flexibility when switching between the three models, which all have a tip load capacity of 2.1 tonnes.

At bauma 2022, Wolffkran will present the largest of the three family members; the 200-mt WOLFF FX 7021 Clear with a 12.5 t hoist winch. Furthermore, the new FX 21 Clear cranes will be the first Wolffkran models plug-and-play ready for the new High-Speed Positioning System, which will be presented live at the trade show booth.

Family ties – three of a kind

"We have always been modular regarding crane bases and tower systems," says Wouter van Loon, Product Manager at Wolffkran. "With the WOLFF FX 21 Clear crane family, we are taking this modularity to a new level by providing the same flexibility in the slewing part."

The basic WOLFF FX 6021 Clear with a 60-meter jib and 8.5-tonne maximum lifting capacity can easily be upgraded to the two larger FX models by simply exchanging a few components. To convert it to the stronger FX 6521 with a 12.5-tonne lifting capacity and 65-meter jib, you essentially only need to replace the hoist winch and exchange the tower top and base jib section. Investing in another jib section will give you the family's largest crane: the WOLFF FX 7021 with a 12.5-tonne lifting capacity and a 70-meter jib. All three crane models use the same trolley and hook block, regardless of the maximum lifting capacity.

"The modular system offers a lot of flexibility to suit different construction sites and is particularly interesting for contractors and crane rental companies with larger rental fleets," says van Loon. "The consistency of the components also means that we can offer customers attractive prices and shorter delivery times. Plus points

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not only in times of global crises. But the WOLFF FX 21 Clear family is also interesting for new customers. They can join the "Wolff" family with the cost-effective entry-level model and easily upgrade to the next larger model if required."

Standing tall on a small tower

All three WOLFF FX 21 family models are available with a 2.0 x 2.0-meter UV/TV 20 tower connection or a 1.5 x 1.5-meter connection for Wolffkran's new TV 15 tower system. "This is ideal for space-restricted job sites since the FX 21 Clear cranes thus fit in elevator shafts," explains Wouter van Loon. "With a considerable tower height of 50 meters in the case of the WOLFF FX 7021 with full jib of 70 meters."

Strong all the way up to the tip

The FX 21 Clear cranes are pure 2-fall cranes. They are each available with two hoist winches: The WOLFF FX 6021 with an 8.5 t and a 10.5 t hoist winch, the WOLFF FX 6521 and FX 7021 Clear with the same 10.5 t hoist winch as their smaller sibling, and a 12.5 t hoist winch.

All three cranes have a tip load capacity of 2.1 tonnes. A three-meter lightweight jib tip provides additional radius, also offering a peak lifting capacity of 2.1 tonnes when the WOLFF Boost function is activated.

New patented jib design and optimized transport and assembly properties.

A WOLFF would not be a WOLFF if it were not well-conceived down to the smallest detail concerning assembly and transport. The jib sections' upper and lower chord connection has been redeveloped with a patented design. Thanks to this, the jib can be assembled with minimal effort. The new development also has advantages when the crane is in operation, with the trolley traveling even more smoothly along the jib. Maximum component weights of 7.5 tonnes further facilitate assembly, allowing all three FX 21 Clear models to be erected with a 100-tonne mobile crane. Optimized for transport, 45 meters of jib can fit one truck and 30 meters in an overseas container. The hook block and trolley can be transported and assembled as a unit.

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The FX 21 Clear crane is expected to be used both on the European market and in Asia. Furthermore, there will be a US version with adapted electronics. In keeping the base model low-priced, some features typically standard in WOLFF cranes will be offered as options for the WOLFF FX 21 Clear cranes.

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WOLFFKRAN is a leading manufacturer of high-quality tower cranes with a tradition of over 150 years. With its own rental fleet of approximately 800 tower cranes, WOLFFKRAN is also one of the largest crane rental companies in the world. WOLFFKRAN is headquartered in Zug, Switzerland, and has manufacturing facilities in Heilbronn and Luckau, Germany. The company currently employs approximately 860 people worldwide at its two production sites and sales and service offices in Western and Central Europe, the Middle East and the USA.