

PRESS RELEASE

Bridging Riyadh – Three WOLFF cranes build two cable-stayed bridges in Saudi Arabia's capital

Riyadh, Saudi Arabia – July 2026. For over 30 years, the Wadi Laban Bridge was the only crossing of the valley of the same name in the southwest of Saudi Arabia's capital, Riyadh. Now, the existing crossing is being complemented by two new cable-stayed bridges, which are being constructed on both sides of the current bridge. The client is the Royal Commission for Riyadh City, and the project is being executed by the ICRC joint venture consisting of the Turkish construction company IC Ictas and the Al Rashid Trading & Contracting Company (RTCC) from Riyadh. At the major construction site in the middle of Riyadh's desert landscape, three WOLFF 180 B luffing jib cranes are being used, handling all lifting tasks – from formwork and reinforcement to concrete placement.

The three WOLFF cranes, each equipped with 40-meter jibs, reach a hook height of 157 meters and have a maximum lifting capacity of 18 tons. They are being used to construct four bridge pylons, which are up to approx. 170 meters high, and handle formwork systems, and transport reinforcement, as well as carrying out concrete pouring. In addition, they lift work platforms, surveying equipment, and other construction site gear. A particular challenge was the simultaneous repositioning of several stacked working platforms when changing the formwork between different pylon sections during which they fully utilized their maximum load capacity of 18,0 tons. As construction progresses, the cranes will also lift support beams weighing up to 12,0 tons for the concreting of the pylon heads.

Gigantic structures for improved mobility

The three WOLFF 180 B luffing jib cranes were assembled in 2025 using mobile cranes and are expected to remain in operation on the construction site until 2027. Once completed, the two new cable-stayed bridges will each have a total length of around 763 meters and a main span of 405 meters. With a width of about 35 meters, they are designed for a total of eight traffic lanes and will significantly increase the capacity of this important arterial road in Riyadh. The new construction is part of the "Main and Ring Road Axes Development Program," a comprehensive expansion initiative for the capital's main traffic routes.

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Crane specifications on this construction site:

WOLFF	Crane base	Jib radius, m	Hook height, m	max. lifting capacity, t
180 B	Foundation anchor	40	157	18
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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 around 840 tower cranes it is also one of the largest crane rental businesses in the world. WOLFFKRAN is headquartered in Cham, Switzerland and has manufacturing sites in Heilbronn and Luckau, Germany. It currently employs a global workforce of approx. 950 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



Three WOLFF 180 B luffing jib cranes handle all lifting operations during the construction of the bridge pylons, which reach heights of up to around 170 meters. The crane operations must be closely coordinated with the climbing sequence of the formwork and working platforms.



PRESS RELEASE – Pictures and Captions



In the midst of the desert landscape southwest of Riyadh, three WOLFF 180 B luffing jib cranes are supporting the construction of the new cable-stayed bridges over the Wadi Laban Valley. The construction project is part of a large-scale infrastructure initiative in Riyadh that, according to official statements, is expected to increase the capacity of the road network by up to 85 percent in the long term.

