

PRESS RELEASE

World premiere at bauma: The intuitive wireless crane control system: WOLFF Intuitive Control

Munich – April 2025. At bauma 2025, Wolffkran is presenting a world's first in wireless crane control: WOLFF Intuitive Control. This groundbreaking technology fundamentally redefines crane operation via remote control – introducing an intuitive control system that, for the first time, shifts the focus from crane movement to load movement. The result? Easier handling, fewer sources of error, and greater efficiency on the construction site.

Until now, crane operators using wireless control had to manually translate the desired overall movement of the load into individual commands for each crane axis. They had to control the trolley, jib, and hoisting operation separately. Additionally, they needed to mentally convert their own viewpoint into the crane's coordinate system. For example, an operator standing at the front of the jib, facing the crane, who wanted to move the load to the left from their perspective, had to move the remote control to the right – an operation requiring significant experience and concentration.

Complex controls made easy

WOLFF Intuitive Control takes over this complex coordinate transformation automatically, allowing the operator to move the load directly in the desired direction. No more simultaneous coordination of slewing, trolley movement and hoisting. The mental effort of translating crane rotations into actual load movements is eliminated. Instead, WOLFF Intuitive Control uses a Cartesian movement system, enabling intuitive load control: Move the control element forward, and the load moves forward. The same applies to all other directions. This allows for much more precise and effortless fine positioning, even in poor visibility conditions.

Ergonomics meets efficiency

The new WOLFF Intuitive Control is operated via an ergonomic wireless remote control, which can be comfortably worn on the hip or back with a strap, providing maximum freedom of movement at the construction site. The WOLFF Cam display can be integrated into the control unit, ensuring the crane operator always has an optimal view of the load. Cabin-based crane operation remains unaffected – Intuitive Control is designed exclusively for wireless remote control.

WOLFFKRAN International AG
Božena Hloušek
Marketing & Event Manager
Group Marketing
Hinterbergstr. 17
CH-6330 Cham
T + 41 41 766 85 75
M + 41 78 918 94 94
b.hlousek@wolffkran.com
www.wolffkran.com

WOLFFKRAN GmbH
Dr.-Ing. Mohamed Abouelezz
Head of Business Development
Renntalstr. 20
D-74360 Ilsfeld
T +49 7062 999 95 25
M +49 171 2210 621
m.abouelezz@wolffkran.de
www.wolffkran.com

Press Contact
Sarah Spitzl-Kirch
PR-Manager
Rumfordstr. 5
D-80469 München
M + 49. 173 47 40 908
spitzl-kirch@headline-affairs.de
www.headline-affairs.de

PRESS RELEASE

A proprietary WOLFF system for maximum performance

WOLFF Intuitive Control is available as an option for new WOLFF cranes or as a retrofit for existing WOLFF cranes. It is also offered as an upgrade to the previous WOLFF HiSPS wireless control system.

To our knowledge, WOLFF Intuitive Control is currently the only truly innovative remote control system for tower cranes and has been registered for patent. Existing “intuitive” crane control solutions on the market fail to meet Wolffkran’s high precision standards for reliable and accurate crane control. Unstable measurement values and the resulting need for frequent recalibration highlight the limitations of existing solutions. That’s why Wolffkran has developed WOLFF Intuitive Control, a proprietary system specifically designed for tower cranes – combining maximum precision, stability and user-friendliness.

Visitors at bauma will have the opportunity to try out WOLFF Intuitive Control virtually: Using a VR headset and two joysticks, they can operate a WOLFF crane from the ground in a virtual environment. Try it out for yourself!

**WOLFFKRAN
International AG**
Božena Hloušek
Marketing & Event Manager
Group Marketing
Hinterbergstr. 17
CH-6330 Cham
T + 41 41 766 85 75
M + 41 78 918 94 94
b.hlousek@wolffkran.com
www.wolffkran.com

WOLFFKRAN GmbH
Dr.-Ing. Mohamed Abouelezz
Head of Business Development
Renntalstr. 20
D-74360 Ilsfeld
T +49 7062 999 95 25
M +49 171 2210 621
m.abouelezz@wolffkran.de
www.wolffkran.com

Press Contact
Sarah Spitzl-Kirch
PR-Manager
Rumfordstr. 5
D-80469 München
M + 49. 173 47 40 908
spitzl-kirch@headline-affairs.de
www.headline-affairs.de

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



WOLFF Intuitive Control handles the complex coordinate transformation automatically and allows the operator to steer the load directly in the desired direction. For greater convenience and safety on the construction site.