

## PRESS RELEASE

### **WOLFF Trio builds Gloria Berlin in Germany**

*Berlin – June 2020. The German capital of Berlin is continuously changing, with urban developers speaking of a "Berlin boom" since the 1990s. The Kurfürstendamm – Berlins oldest and most renowned high street – is now also undergoing renewal. The Gloria Berlin is a new office and shopping complex linking historic mid-19th-century buildings to contemporary modernity. Contractor Mark A. Krüger Bauunternehmung GmbH used three WOLFF cranes for the construction of the three-part building ensemble.*

The three WOLFF cranes were in operation on the 25.000 m<sup>2</sup> large site at Kurfürstendamm 12-15 throughout one year. Structural work, consisting of two underground and six floors above ground as well as a technical level, was completed in April this year.

The site's location on Berlin's world-famous shopping boulevard was a challenge for the project team right from the start. "Since a complete closure of the Ku' damm is virtually unthinkable and an adjacent subway line made it impossible to position a mobile crane outside of the construction pit, WOLFFKRAN was asked to come up with a creative solution for the crane assembly," says Site Manager Mathias Lippski from Mark-A. Krüger Bauunternehmung GmbH.

#### **Installation on space restricted city site**

The WOLFF trio, consisting of two flat-top WOLFF cranes 5020.8 clear and 6015.8 clear and a WOLFF 180 B luffing jib crane, was assembled with a 300-tonne mobile crane standing in the construction pit itself. To erect the centrally positioned luffing jib crane, the pit had to be reinforced with foundations to absorb the 80-tonne corner loads of the mobile crane. All cranes were erected on foundation anchors to their final freestanding tower heights of 51 and 56 meters, respectively.

"The confined space of the city construction site required particular precision in positioning the three WOLFF cranes," says Mathias Lippski. Fixed elements in the construction pit and the layout for escalators and elevators, further limited the available space.

**WOLFFKRAN**  
**International AG**  
Simone Engleitner  
International Marketing  
Baaermattstr. 6  
Ch-6340 Baar  
Tel + 41 41-766 85 00  
Fax + 41 41-766 85 99  
s.engleitner@wolffkran.com  
www.wolffkran.com

**Press contact**  
Sarah Spitzl-Kirch  
Rumfordstr. 5  
D-80469 München  
Tel + 6021-44 67 00 2  
Fax + 49 89-23 23 90 99  
spitzl-kirch@headline-affairs.de  
www.headline-affairs.de

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### **WOLFF luffing jib allrounder**

"The WOLFF 180 B is the ideal choice for the special requirements of the construction site. It was configured to cover almost the entire construction site, while at the same time accommodating the massive restriction of the slewing radius due to the adjacent Upper West high-rise building," says Michael Sauer from the WOLFFKRAN subsidiary in Berlin.

Fitted with a 45-meter jib and offering a maximum load capacity of 12 tonnes, the WOLFF 180 B proved to be a real allrounder, mastering both heavy lifts and concreting work across most of the job site. It was supported by the two WOLFF-clear cranes fitted relatively short jibs of 25 and 35 meters, that were used to handle concrete and reinforcing steel for the two narrow side wings of the elongated building. In the meantime, the clear cranes have been disassembled by the luffer. Aside from being a very economical dismantling concept in general, this procedure was a necessity at the Gloria Berlin, as there was simply no longer any space on the site for a mobile crane. The 180 B will remain on site until July to lift heavy equipment into the building's technical service facility.

### **Proven partnership**

In choosing WOLFFKRAN, the contractor opted for a long-term partner for its project on Berlin's principal shopping street. "WOLFFKRAN was at our side in an advising role as early as the tendering phase, and we felt very well taken care of from the very outset. Of course, the trusting cooperation and successful implementation of previous projects with comparably high demands regarding crane assembly and dismantling was also a decisive factor", Mathias Lippksi explains the choice. WOLFFKRAN has realized numerous projects in Germany's capital on behalf of the Berlin based contractor, including projects at the Salzufer and the Alexanderplatz.

The "Gloria Berlin" is scheduled to open its doors at the beginning of 2021, enriching the western part of the city with an architectural eye-catcher. It will combine natural stone facades, historically used in buildings along the Kurfürstendamm, with modern floor-to-ceiling window fronts. The building complex will also include a listed Wilhelminian style house from 1889, restored to its original state.

**WOLFFKRAN**  
**International AG**  
Simone Engleitner  
International Marketing  
Baaermattstr. 6  
CH-6340 Baar  
Tel + 41 41-766 85 00  
Fax + 41 41-766 85 99  
s.engleitner@wolffkran.com  
www.wolffkran.com

**Press contact**  
Sarah Spitzl-Kirch  
Rumfordstr. 5  
D-80469 München  
Tel + 6021-44 67 00 2  
Fax + 49 89-23 23 90 99  
spitzl-kirch@headline-affairs.de  
www.headline-affairs.de

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WOLFF	Crane base	Jib radius, m	Max. hook height, m	Tower height, m	Max. load capacity, t	BGL-Group, mt
180 B	FUA 140	45	105,2	56,2	12	180
5020.8 clear	FUA 120	25	51	49,5	8,5	112
6015.8 clear	FUA 120	35	51	49,5	8,5	140

**WOLFFKRAN International AG**  
Simone Engleitner  
International Marketing  
Baaermattstr. 6  
CH-6340 Baar  
Tel +41 41-766 85 00  
Fax +41 41-766 85 99  
[s.engleitner@wolffkran.com](mailto:s.engleitner@wolffkran.com)  
[www.wolffkran.com](http://www.wolffkran.com)

**Press contact**  
Sarah Spitzl-Kirch  
Rumfordstr. 5  
D-80469 München  
Tel + 6021-44 67 00 2  
Fax + 49 89-23 23 90 99  
[spitzl-kirch@headline-affairs.de](mailto:spitzl-kirch@headline-affairs.de)  
[www.headline-affairs.de](http://www.headline-affairs.de)

WOLFFKRAN is a leading manufacturer of premium quality tower cranes with a tradition spanning over 150 years. With its own rental fleet of some 700 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, and Lukhovitsy, Russia. It currently employs a global workforce of approx. 800 people in its three manufacturing sites and its sales and service subsidiaries located across Western and Central Europe, the Middle East and the United States.

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## PRESS RELEASE – Pictures and captions



The WOLFF 180 B dismantled the two supporting WOLFF clear cranes 5020.8 and 6015.8 on the extremely space restricted job site in Berlin.



Prominent location: Up until April, three WOLFF cranes were on duty for a year on Berlin's iconic 3.5-kilometer-long Kurfürstendamm.

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## PRESS RELEASE – Pictures and captions

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A WOLFF crane trio builds the Gloria Berlin against the background of the Upper West high-rise. The three-part office and retail complex will be an architectural eye-catcher in the western part of Germany's capital.

Picture source: Mark-A. Krüger Bauunternehmung GmbH