

Crane assembly at the highest level.

Service engineers and a mobile crane operator from BKL Hannover and BKL Hildesheim join forces to place a 200 tonne-metre top-slewing crane on the roof of a high-rise in Wolfsburg, Germany.

Munich, 12 April 2021 – Back in October, the BKL North/East team installed a 202 EC-B on a very special building site in Wolfsburg, Germany. The tower crane is being deployed to help extensively modernize the two high-rise buildings "Don Camillo & Peppone" and create a new landmark in the automotive city, home of one of the world's biggest car plants. As an efficient solution for the lifting operations over 60 metres above the ground, the BKL crane specialists were commissioned by B&O Group's ARGE Don Camillo & Peppone to configure the tower crane on a special construction on the roof of the "Peppone" high-rise, which is being refurbished in the first construction phase.

BKL's crane solution to create a new landmark for the automotive city.

Built in the 1960s, the skyscraper duo "Don Camillo & Peppone" in Wolfsburg's Detmerode district are now being completely overhauled. The general contractor, Neuland Wohnungsgesellschaft mbH, decided not to demolish the buildings but to refurbish them instead and modernize them fully. To preserve the embodied energy, the two buildings are first being gutted. The energy-efficient refurbishment will then give them a new facade with an automotive design, transforming the high-rises into a new eye-catcher in the city of Wolfsburg.

The ARGE commissioned BKL Hannover to provide a crane solution for the lifting operations. The crane specialists opted for a 202 EC-B from BKL's fleet of over 600 construction cranes and mobile cranes. With a 40-metre radius, the flat-top tower crane offers sufficient extension over the roofs of the skyscrapers yet is configured with a tower height of just 21 metres. This makes it particularly cost-effective, considering the overall service period of almost a year.

Teamwork above the rooftops of Wolfsburg.

The 13-floor high-rise "Peppone" is currently being refurbished in the first construction phase. Following meticulous planning by the crane specialists from BKL North/East, a special steel construction was installed on the 40-metre high-rise to transfer the load, as the bearing capacity of the roof was not sufficient for the exceptional weight. To start with, the team of four BKL service engineers mounted a stationary, 6-metre undercarriage on this substructure, followed by the construction crane with three tower sections.

Although the 200 tonne-metre top-slewing crane has a maximum load capacity of 10 tonnes, 5.3 tonnes of peak load and can make do with a low tower height, it attains a total hook height of 61.5 metres above the ground. Therefore, the BKL colleagues in Hildesheim brought in a 300-tonne mobile crane, equipped with a 78-metre telescopic boom, for the assembly. The experienced operator of the LTM 1300-6.2 placed the crane parts precisely on the roof.

In the next construction phase, the refurbishment of the larger skyscraper "Don Camillo", with 23 floors, is scheduled for 2021.

PRESS RELEASE



The cranes:

Tower crane: Liebherr 202 EC-B [Link to the data sheet](#)
Mobile crane: Liebherr LTM 1300-6.2 [Link to the data sheet](#)

Photographs:

Source: BKL Baukran Logistik GmbH
Photographer: Franziska Gilli



Photo 1: The substructure.

The BKL service engineers place the stationary, 6-metre undercarriage onto the special steel construction (in orange) and install the ballast with the mobile crane.



Photo 2: Assembling the tower sections.

With a fantastic view over Wolfsburg, the BKL team can now assemble the three tower sections of the 202 EC-B.



Photo 3: The lift calls for maximum precision.

With consummate skill, the operator of the LTM 1300-6.2 supplied by BKL Hildesheim lifts the heaviest part – the 9-tonne slewing platform – almost 70 metres high, the maximum height achieved by the crane.

PRESS RELEASE



Photo 4: The 40-metre jib on the hook.

The 300-tonne powerhouse from BKL Hildesheim lifts the jib of the 202 EC-B, which was pre-assembled on the ground.



Photo 5: The finishing touches.

Placing the last ballast blocks on the counter jib, the BKL team completes the steel construction of the flat-top tower crane.



Photo 6: Ready to lift.

The BKL 202 EC-B rental crane is now operational and the customer can start refurbishing the "Peppone" high-rise.

About BKL.

BKL Baukran Logistik GmbH specialises in crane rental, sales and service. With approximately 300 employees in Munich, Ingolstadt, Rosenheim, Frankfurt, Hannover and Hildesheim, the company celebrated its 50th anniversary in 2019 as one of Europe's largest manufacturer-independent providers of crane solutions. BKL's crane fleet offers over 500 tower cranes, with a radius from 22 to 90 metres, plus over 100 all-terrain mobile cranes from 30 up to 700 tonne giants and 10 mobile construction cranes with a radius of up to 65 metres. Moreover, BKL customers benefit from the bespoke turnkey package, certified according to DIN EN ISO 9001 and SCC^P, including planning, logistics and transportation, as well as the 24-hour emergency service. BKL's reference projects include the Allianz Arena, BMW Welt, the European Central Bank and the new Terminal 3 at Frankfurt Airport. For further information, please see www.bkl.de.

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Press contact:

BKL Baukran Logistik GmbH
Veronika Leger
T: +49 8121 2248-176
E: presse@bkl.de