PRESS RELEASE

January 20, 2020

**BKL’s Grove GMK6400 with MegaWingLift™ assisted in the construction of a heat storage system on the Ingelheimer Aue in Mainz, Germany**

* *A Grove GMK6400 from BKL Frankfurt’s crane fleet was used to erect a storage tank on Ingelheimer Aue during the construction of a power plant with a heat storage system.*
* *With its powerful lifting capacity, the 6-axle crane was perfect for the demanding heavy lifting of the last component — the storage tank cover.*

A Grove GMK6400 crane from BKL’s crane fleet played a key role in the construction of the new heat storage system on Ingelheimer Aue between Wiesbaden and Mainz in Germany. The specialists at the Frankfurt location of BKL Baukran Logistik GmbH planned the operation and completed the last lifting job with the powerful Grove AT crane. The crane carefully placed the cover of the heat storage container (a component weighing 35 t) on the 36 m high special container for a total height of 43 m after assembly. The diameter of the container was approx. 12 m. The GMK6400 — with a lifting capacity of 400 t and added MegaWingLift™ for additional power showed its full potential during this challenging lift, without taking up as much of a footprint as a large crane.

“During this operation, the crane had to lift a heavy load in a relatively confined space. The powerful 6-axle GMK6400 crane is an ideal crane for this type of lift,” stated BKL. “With the additional self-rigging MegaWingLift™ strength, our GMK6400 from the Frankfurt BKL fleet can handle enormous loads, which has proven to be a great advantage in placing the cover on the heat storage container.”

The cover was placed on the heat storage for district heating in just one morning. The 35-ton cover hovered in the air and was placed in the exact predetermined position within a very short time, thanks to the skill of the experienced BKL crane operator. “The GMK6400 arrived well at the site of Kraftwerke Mainz-Wiesbaden AG on the industrial peninsula and could be quickly assembled and disassembled —due to the self-rigging MegaWingLift™ hoist.” The GMK6400 was used in this project for jobs that are often planned for 7- or 8-axle cranes. This saves time and money — due to the minimal logistical effort, less effort in obtaining driving permits, and the quick and easy set-up.

**Strongest 6-axle crane on the market**

The GMK6400 offers a variety of unique features. Particularly noteworthy is the self-rigging MegaWingLift™, which increases the crane’s lifting capacity on the 60 m main boom by up to 70% and by up to 400% when using a luffing jib. The GMK6400 was also the first large crane model to feature a single-engine concept. The MegaDrive hydrostatic drive allows the crane to transports loads with the utmost precision even when it is set up. The weight savings associated with the MegaDrive contribute to the outstanding load capacities and ensure that the maximum load of 12 t per axle is not exceeded.

**Innovative system for safeguarding the district heating network**

In order to ensure the supply of environmentally friendly district heating, in the medium and long term to the citizens of Mainz, Germany, a combined heat and power plant will be built on the site of Kraftwerke Mainz-Wiesbaden AG (KMW AG) that will produce heat and electricity from natural gas as soon as it is put into operation. The new heat storage system should also help make optimal use of the generated heat waste. The water tanks, which serve as heat stores, can store the hot water generated during electricity production for several days and, if necessary, deliver it to the district heating network. The construction project has an investment volume of more than 100 million euros. The construction company hired BKL to erect the heat storage tanks.

**About BKL Baukran Logistik GmbH**

BKL specializes in the sale and rental of cranes and the provision of services. With around 300 employees in Munich, Ingolstadt, Rosenheim, Frankfurt am Main, Hanover and Hildesheim, the German company, which celebrated its 50th anniversary in 2019, is one of the largest independent manufacturer, full-service providers of crane solutions in Europe. BKL has a fleet of over 500 construction cranes with a radial reach of 22 m to 90 m, more than 100 mobile cranes ranging from 30 t to 500 t and ten mobile construction cranes with a radius of up to 65 m. The company also has over 60 trucks, loader cranes and low-loaders. For more information, including information about BKL’s Grove cranes, visit www.bkl.de.

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Enclosure: Photos of the GMK6400 in operation

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ABOUT THE MANITOWOC COMPANY, INC.

The Manitowoc Company, Inc. (“Manitowoc”) was founded in 1902 and has an over 116-year tradition of providing high-quality, customer-focused products and support services to its markets. Its net sales in 2018 were approximately $1.8 billion. Manitowoc is one of the world’s leading providers of engineered lifting solutions. Manitowoc, through its wholly owned subsidiaries, designs, manufactures, markets, and supports comprehensive product lines of mobile telescopic cranes, tower cranes, lattice-boom crawler cranes, and boom trucks under the Grove, Manitowoc, National Crane, Potain, Shuttlelift and Manitowoc Crane Care brand names.

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