NEWS RELEASE

February 25, 2016



**Manitowoc launches industry-leading Grove GMK4100L-1 taxi crane**

Manitowoc has introduced a new Grove all-terrain crane for the global market. As with other recent Grove launches, the crane offers unique innovations and class-leading capabilities in the taxi (road travelling) category. The four-axle Grove GMK4100L-1 boasts the best load charts in its class and its compact design makes it easy to access and maneuver on the narrowest of job sites. The new 100 t capacity crane replaces the GMK4100L and is part of a new generation of Grove taxi cranes.

Grove was the first manufacturer to produce a 100 t capacity crane on four axles when it introduced the GMK4100L. Now, the new GMK4100L-1 has raised the bar even higher with some notable improvements. The GMK4100L-1 not only offers the best load charts in this class in its maximum counterweight configuration, but also in its most common taxi configuration with a weight of less than 12 t per axle (a common axle load limit in many countries). Compared with the GMK4100L, the new GMK4100L-1 delivers 6.9% better load charts overall when in its 26.2t maximum counterweight configuration. In the taxi configuration with a 6.7t counterweight, the GMK4100L-1 boasts an increase of 9.3% improved performance. Even when operated with the maximum roadable 19.9t counterweight for up to 16.5 t per axle, the crane sets a new benchmark in its class. Customers in North America will also benefit from the crane’s fully removable counterweight – which reduces the basic crane’s Gross Vehicle Weight to the lowest level in the four-axle category for a 100 t rated machine with a 60 m boom. Boosting the crane’s overall reach is an 18 m telescopic swing-away jib which can be extended with an 8 m boom extension for a total jib length of 26 m. The telescopic swing-away jib offers an improved offset of 0 - 45°.

Jens Ennen, senior vice president all-terrain and truck-mounted cranes at Manitowoc, said the new GMK4100L-1 is the result of improvements and innovations developed at the factory in Wilhelmshaven, Germany, where the crane is built. “We have focused strongly on bringing superior reliability, return on investment, ease of transportation, user friendliness and capacity to this crane,” he said. “With class-leading load charts and specifications, the new GMK4100L-1 is a highly mobile crane that is suitable for use on job sites around the world. The GMK4100L exceeded our expectations in both performance and reliability so we are expecting the GMK4100L-1 to continue this tradition.”

The GMK4100L-1 is more compact than its predecessor, making it even easier to access narrow job sites. With 14-inch tires, the crane boasts a 2.55 m width versus the 2.75 m of the GMK4100L. Overall it is also 0.5 m shorter, making it more maneuverable on congested job sites. The GMK4100L-1 is powered by a single engine, this reduces the weight of the crane allowing it to carry more counterweight which delivers superior lifting ability. The Tier IV Final/EUROMOT 4 Mercedes-Benz OM470LA is a six cylinder diesel engine with a 320 kW rating at 1,700 rpm and a maximum torque of 2,100 Nm at 1,300 rpm. The crane is also available with an equivalent Tier 3 engine. Better profitability for users is available through the inclusion of the Fuel Saver function on the Tier IV Final/EUROMOT 4 engine. Life is also made easier for the operator with Manitowoc’s new Crane Control System (CCS) and the new Boom Configurator Mode. The standardized CCS is a user-friendly interface that Manitowoc is featuring on all new crane models. The CCS components and operating software have been specifically designed, developed and tested by Manitowoc engineering and innovation teams worldwide to ensure the highest reliability standards. The highly intuitive Boom Configurator Mode makes it quick and easy to select the optimum boom position for a specific lift. The operator inputs the lift parameters such as radius, load or boom length to be moved and the system calculates the best boom configuration. Once the operator selects the preferred option, the boom automatically extends to the required length.

The look of the crane has also been improved with a facelift that includes a new ergonomic carrier cab. As one would expect, trademark features such as the TWIN-LOCK boom pinning system, MEGAFORM boom shaping and MEGATRAK independent active suspension, are all included in the new GMK4100L-1.

Deliveries of the new, best-in-class GMK4100L-1 will start in quarter three 2016.

-END-

CONTACT

**Cristelle Lacourt** **Charlie Ebers**

Manitowoc SE10

T +33 472 182 018 T +44 207 923 5864

[cristelle.lacourt@manitowoc.com](mailto:cristelle.lacourt@manitowoc.com) [charlie.ebers@se10.com](mailto:charlie.ebers@se10.com)

ABOUT THE MANITOWOC COMPANY, INC.   
Founded in 1902, The Manitowoc Company, Inc. is a multi-industry, capital goods manufacturer with 80 manufacturing, distribution, and service facilities in 25 countries.  The company is recognized globally as one of the premier innovators and providers of crawler cranes, tower cranes, and mobile cranes for the heavy construction industry. Manitowoc is also one of the world's leading innovators and manufacturers of commercial foodservice equipment, which includes 23 market-leading brands of hot- and cold-focused equipment.  In addition, both segments are complemented by a slate of industry-leading product support services.  In 2015, Manitowoc’s revenues totaled $3.4 billion, with approximately half of these revenues generated outside of the United States.

MANITOWOC CRANES

2401 South 30th Street - PO Box 70 - Manitowoc, WI 54221-0070

T +1 920 684 6621

[**www.manitowoccranes.com**](http://www.manitowoccranes.com)**­**