­ NEWS RELEASE

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**Grove launches GMK4070L at bauma 2022; expands market opportunities for four-axle all-terrain cranes**

* *Unveiled on the Manitowoc stand at bauma 2022, the 70 t crane features the longest boom and strongest load charts in its class.*
* *It includes the innovative MAXbase technology for simpler and more flexible outrigger placement as well as faster, more efficient setup.*
* *It is one of the first cranes from the Company to offer the groundbreaking Grove CONNECTTM remote monitoring system.*

To strengthen its four-axle all-terrain crane line-up, Manitowoc unveiled its Grove GMK4070L at bauma 2022 in Munich, Germany. The 70 t GMK4070L boasts the strongest load charts and the longest boom in its class at 60 m. At its full 60 m, the crane lifts an impressive 4.4 t, while at 49 m owners can pick loads of up to 8.3 t. When working at its maximum radius of 46 m, the GMK4070L will lift 1 t.

Up to 78 m of maximum tip height is available when the 60 m main boom is paired with its 15 m swingaway jib option. These are capabilities more commonly associated with 100 t cranes and allow the new model to take on jobs that would typically require larger cranes.

“The Grove GMK4070L offers improved engineering design and adopts several latest technologies to deliver a new level of performance, operation, serviceability, and fuel efficiency,” said Andreas Cremer, vice president of product management for mobile cranes at Manitowoc. “It’s a crane that will be a true game changer, surprising many customers with just how much more a 70 t all-terrain crane can achieve.”

**One for the road**

Offering unmatched versatility, the GMK4070L gives owners a host of options for travel. At a configuration of 16.5 t per axle, the crane can carry an impressive 17.8 t of counterweight, just shy of its full 19 t complement. In situations requiring 12 t per axle, it carries up to 13.3 t, while for 10 t per axle configurations it can travel with 5.3 t of counterweight.

A Telma retarder packaged in the carrier design reduces the risk of overheating and overall wear and tear on the conventional service brake system. The frictionless, maintenance-free Telma braking system remains effective even after the engine is switched off, or when the gearbox is in neutral, ensuring full braking power is available, regardless of the crane’s speed.

Operators travel inside the new high-visibility carrier cab, which offers the best levels of protection in line with European ECE R29-3 regulations, ensuring exceptional security in frontal impact, roof, and rear wall strength. Power for both the carrier and the superstructure comes from a single 320 kW (430 HP) Mercedes Benz OM470LA 6-cylinder diesel engine. Compliant with Euromot 5/Tier 4 Final requirements, this clean, efficient engine is approved for use with HVO Diesel, for customers looking to further reduce their CO2 emissions or meet tight environmental jobsite requirements. As with most new Grove mobile cranes, the engine’s ECO mode can be used in conjunction with the transmission’s Fuel Saver mode, for unbeatable fuel efficiency.

**Technology and automation to the fore**

The GMK4070L is one of the first Manitowoc cranes to offer the exciting new Grove [CONNECT](https://www.manitowoc.com/company/news/manitowoc-introduces-grove-and-potain-connect-digital-solution)TM digital platform that provides owners with real-time access to fleet data. Through Grove CONNECTTM, fleet managers can get instant insights into the crane’s performance with just a couple of taps on a screen. Service technicians are supported with remote, optimized troubleshooting, reducing the frequency of onsite trips and strengthening preventative maintenance programs.

The optional MAXbase feature helps users reduce setup time at the jobsite and give them a wider choice of outrigger positions. With this option, the crane becomes an ideal choice for confined spaces or projects where obstacles are preventing setup in the preferred location. The productivity-enhancing MAXbase allows the crane’s four double hydraulically telescoping outriggers to be easily extended to a range of symmetric and asymmetric positions. This maximizes flexibility and enables lifting work to continue in less-than-ideal environments.

Also making life easier for the operator is Manitowoc’s Crane Control System (CCS), which supports both setup and lifting. Using its Boom Configurator feature, the operator can select the optimal arrangement of the seven-section MEGAFORM® boom with TWIN-LOCK® dual-pinning system.

To learn more about the Grove range of all-terrain cranes click [here](https://www.manitowoc.com/grove/all-terrain-cranes).

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ABOUT THE MANITOWOC COMPANY, INC.

The Manitowoc Company, Inc. was founded in 1902 and has over a 120-year tradition of providing high-quality, customer-focused products and support services to its markets. 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 hydraulic cranes, lattice-boom crawler cranes, boom trucks, and tower cranes under the Aspen Equipment, Grove, Manitowoc, MGX Equipment Services, National Crane, Potain, and Shuttlelift brand names.

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