PRESS RELEASE

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**Grove’s new heavy-duty jib equips GRT9165 rough-terrain crane for precast work**

* *Grove introduces a new heavy-duty jib option for its GRT9165 rough-terrain crane.*
* *The GRT9165 with jib provides a competitive edge for setting precast concrete panels, due to its fast setup and economical transport.*
* *It’s an example of The Manitowoc Way in practice, as Manitowoc customers and dealers participated in the development process.*

Grove is offering a new heavy-duty jib extension for the [Grove GRT9165](https://www.manitowoc.com/grove/rough-terrain-cranes/grt9165) rough-terrain crane that increases the 165 USt (150 t) crane’s utilization abilities. It provides a competitive edge for setting precast concrete panels, as it’s easier to transport and faster to set up than competitive cranes for tilt-up work.

The jib is 12.5 ft (3.8 m) long and designed with two sheaves, for up to four parts of line, and is hydraulically offsettable from 0° to 50°. The compact but stout jib has a max lifting capacity of 68,600 lbs. The new jib has up to 20% greater capacities on average than its closest competition. The two-hook design gives operators tight precision when positioning panels, with the hydraulic jib controlled via an in-cab switch for faster operation and convenience.

The heavy-duty jib was designed to meet the fast-changing precast concrete panel market, one of the most common off-site techniques used during construction. This type of work is expected to grow 5.6% annually over the next five years alone. Its benefits include efficiency, cost reduction, speed, and more consistent quality. Precast concrete yields added environmental benefits, too, as the hollow core uses half the amount of concrete without compromising on strength. This results in up to a 25% reduction in a building’s CO2 construction footprint.

Wisconsin-based design-build contractor [Miron Construction Co.](https://miron-construction.com/) (Miron) is the first customer to use the new jib on its GRT9165. Miron’s clients are rapidly shifting to precast concrete for healthcare, warehouse, manufacturing, and higher education builds across the country. The size of concrete panels is growing in tandem with demand, averaging 12-ft (3.7 m) wide and over 24-ft (7.3 m) in height, and weighing upwards of 60,000 lbs.

“It takes a larger crane to lift and rotate the concrete panels and vertically set them in place. Our precast jobs have a short duration and we wanted to minimize transport and setup costs,” said Pete Klosterman, executive vice president, field resources for Miron.

Miron, Grove dealer [American State Equipment](https://www.amstate.com/), and Grove’s product development team collaborated on the development of the jib extension to make it purpose-built for precast.

“We took feedback from Miron to develop preliminary charts and stayed in close contact through the testing phase, making real-time modifications to deliver a final product that meets the market need from day one,” said John Bair, Grove rough-terrain product manager.

In June, Miron used the jib to set panels for a new high school in western Wisconsin. The GRT9165 was configured with its full 56,800 lbs of counterweight and working at a max tip height of 124 ft, with a 50-ft radius and zero-degree offset.

 “It’s great to have the ability to luff the jib up and down for increased or decreased separation as needed, and it’s quick and easy to install and uninstall the jib,” said Luke Rathke, project superintendent with Miron.

The crane’s long boom paired with the heavy-duty jib is a bonus when working under height limitations. It has already allowed Miron to win more industrial work, including at large paper mills where overhead piping and ductwork limit access by other types of mobile cranes.

“The GRT9165 with the heavy-duty jib is the perfect package for what we need. It has strong capacities and precision for precast and is a solid all-around crane for the wider range of work we do,” Klosterman said. “We must be more efficient and versatile in how we approach our jobs. You’ve got to stay ahead of the game, and it helps when the equipment we’re using can make that happen.”

The heavy-duty jib extension is available for order on all new Grove GRT9165 rough-terrain cranes and as a retrofit for cranes in the field.

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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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