PRESS RELEASE

March XX, 2022

**Grove boosts telecrawler portfolio with the launch of mid-size GHC85**

* *With a maximum rated capacity of 85 USt, the GHC85 is a versatile machine suitable for a wide range of applications and industries.*
* *The telescoping crawler crane offers 100% pick-and-carry capability across its 0.6°, 1.5°, and 4° load charts, providing best-in-class lifting performance.*
* *Its innovative undercarriage is hydraulically extendable, enabling three separate symmetrical and asymmetrical track spans.*

Manitowoc has added an eighth model to its telescoping crawler crane range in the Americas. Featuring a capacity of 85 USt and the longest boom of its class, the Grove GHC85 is positioned in the middle of Grove's range of telecrawlers.

The versatile crane is ideal for use in utility applications, general construction work, bridge work, pile driving, and as an assist crane for assembling other cranes. Frame-mounted jacks and counterweight lifting cylinders enable the crane to self-assemble, which can be controlled via a wireless remote. It can be transported to the jobsite in just three loads, or four loads when its crawlers are carried separately.

Without the need for outriggers, the GHC85 can quickly move from one static pick to the next. Its ability to maintain 100% pick-and-carry capabilities on inclines up to 4° makes it suitable for repetitive utility work, such as setting poles, moving solar panels, or setting up larger cranes.

“The biggest advantage of a telecrawler is that you can work efficiently even on uneven terrain and generate solid pick-and-carry charts,” said JJ Grace, Manitowoc’s product manager for GHC cranes.

The 36-inch triple-bar grouser shoes on the tracks offer this level of stability in addition to reducing soil compaction by producing ground bearing pressures as low as 13.2 psi without load and as high as 24.9 psi with load.

The crane’s several track span settings (covering both symmetrical and asymmetrical configurations) are made possible by the hydraulically extendable and retractable cross members that enhance stability even further.

“The maximum track span is 16.7 ft but one track could be at 100% and the other at 50%, enabling an operator to maneuver and pick in confined spaces,” Grace explained.

A Cummins B6.7L Tier 3 (218 hp / 164 kW) or Tier 4F (249 hp / 186 kW) engine powers the two-speed hydrostatic drive, giving the GHC85 a maximum speed of 1.43 mph in high range, while creep speeds top out at 0.55 mph in low range.

Functions and options such as working range limitation and a cold-weather package will also appeal to those engaged in special civil and hydraulic engineering applications.

**High and mighty**

Offering elevations from -3° to +80.5°, the main boom length covers 36.1 ft to 137.7 ft, with its five sections being adjusted via a four-stage cylinder. Its 49 ft 3 in bi-fold swingaway standard boom extension is offsettable at 0°, 20°, and 40°, providing a useful point for attachments that enhance the crane’s appeal to the utility sector. Stowable on the left-hand side of the boom, a 10 ft heavy-duty jib at 10° offset is another option.

The main and auxiliary hoists’ piston motor and grooved drum facilitate two-speed spooling for smooth operation, with 591 ft of 20 mm wire rope providing a maximum permissible single line pull of 15,876 lb. The maximum single line speed is 360 ft/min.

Although the hoists are mounted over the rear counterweight, the in-cab monitor with a 7-inch screen provides an operator a way to monitor hoist operation closely. Standard rear and right-hand cameras improve awareness for the operator. Engine bay sound insulation enables quiet communication with riggers on the jobsite.

The operator’s ability to view distant loads can be improved in several ways, most notably through the standard 20° cab tilt. Other options include a radio remote control for operation from outside the cab, as well as a third hoist perfectly suited for foundation applications.

Operators will also appreciate the many other ergonomic benefits of the high-vis cab, such as the electric dual-axis controls, joystick control buttons for optional utility attachments, and the Graphical Rated Capacity Limiter. This system gives an audio-visual warning and control lever lockout whenever load limits are approached or exceeded, as well as providing data on boom angle, length and radius, plus maximum permissible load, momentary load, and inclinometer readings.

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ABOUT THE MANITOWOC COMPANY, INC.

The Manitowoc Company, Inc. was founded in 1902 and has over a 119-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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