­NEWS RELEASE

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**Ghana Ports and Harbors Authority receive Grove training in Italy**

* *The week-long training at Manitowoc’s factory in Niella Tanaro, Italy, covered basic repairs, troubleshooting and proactive maintenance.*
* *The training centered on the Grove RT530E-2, which is one of the bestselling rough-terrain cranes in Africa thanks to its reliability and ease of operation.*

Technicians from Ghana Ports and Harbors Authority (GPHA) visited Manitowoc’s facility in Niella Tanaro, Italy, to learn proactive maintenance and basic repairs on the Grove RT530E-2 rough-terrain crane. Manitowoc offers training for technicians on demand year-round from its Manitowoc Crane Care facilities around the world.

“Our trainer was tremendous in helping us understand the basic repair works, how to read the schematics diagrams and troubleshooting the error codes,” said Ing. Abdul-Fatawu Abdullah, senior mechanical engineer at GPHA.

Grove Master Engineer Mirco Minoccheri taught the five-day program, which focused on how to identify and then solve issues on the rough-terrain crane and included lessons around a variety of the Grove RT530E-2 operations, including:

* Hydraulic schematics
* Load sensing and proportional controls
* CAN-BUS data transfer
* Electricals and electronics
* Error codes interpretation

“The training’s main goal was to familiarize the technicians on how to use the Manitowoc Crane Care technical documentation and where to find answers to everyday questions, which if not proactively addressed, often causes problems,” Minoccheri said.

GPHA purchased the two RT530E-2 rough terrain cranes in January 2020 and is using them to handle general cargo at the [Port of Tema, the largest ports in Ghana](https://ghanaports.gov.gh/page/index/4/ZE4GGQFA/Welcome-to-Port-Of-Tema).

The RT530E-2 is a 30 t capacity crane with a 29 m full-power boom, plus an optional 7.9 m – 13.7 m telescopic swingaway, which delivers a maximum tip height of 44.5 m. The boom is made from 100 k.s.i. steel, which eliminates weight and maximizes structural capacities. The compact dimensions of the RT530E-2 make it easy to maneuver around congested job sites, while the inverted outrigger jacks and hydraulic disc brakes on all wheels make it excellent for challenging terrains.

Manitowoc Crane Care is one of the world’s leading providers of crane training. The company offers online and on-site training, as well as live training at its facilities around the world. Manitowoc has six Crane Care training centers across the world, located in Brazil, the U.S., Portugal, Dubai, Singapore and Germany.

All centers are equipped with a range of training tools, including simulators of the operational systems used by Manitowoc cranes. The simulators enable trainees to deepen their knowledge of hydraulic, electrical and pneumatic principles; practice troubleshooting procedures; and learn basic lessons on software programing, all with the goal of giving clients quick and efficient service. The use of simulators helps technicians to practice a wide range of actions on the different operational systems found in crane models.

To learn more about the Grove RT530E-2, click [here](https://www.manitowoccranes.com/en-GB/cranes/grove/grove-products/rough-terrain/rt530e-2).

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CONTACT

**Punitha Govindasamy**

Manitowoc

T +65 6263 7863

[punitha.govindasamy@manitowoc.com](mailto:punitha.govindasamy@manitowoc.com)

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The Manitowoc Company, Inc. (“Manitowoc”) was founded in 1902 and has over a 117-year tradition of providing high-quality, customer-focused products and support services to its markets and its 2019 net sales were approximately $1.83 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.

THE MANITOWOC COMPANY, INC.

One Park Plaza – 11270 West Park Place – Suite 1000 – Milwaukee, WI 53224, USA

T +1 414 760 4600

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