­ NEWS RELEASE

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**Potain launches the MRH 175 tower crane, will focus on high-rise and homebuilding sectors at CONEXPO 2020**

* *The Potain MRH 175 launches today. It will be shown for the first time at CONEXPO 2020 with the Hup M 28-22, which will make its North American debut at the show.*
* *Both cranes focus on easier transport and assembly, as well as improved on-site productivity.*

Potain has announced the new MRH 175 tower crane, a new hydraulic luffing jib crane that will make its debut at CONEXPO 2020. It’s one of two Potain cranes that will be on display at the Manitowoc booth during the show, where the company plans to showcase the latest in lifting technology for two of the busiest sectors in the built environment: high-rise construction and homebuilding. The other crane on show will be the Hup M 28-22 that was introduced in 2019 and is making its North American debut, complete with a new transport axle for the regional market. Both cranes can be found on the Manitowoc booth, #F6144, in the festival lot, near the corner of Las Vegas Boulevard and Sahara Avenue.

Thibaut Le Besnerais, vice president of global products for tower cranes at Manitowoc, said both models feature designs that give users capabilities not available with other cranes.

“In recent years under *The Manitowoc Way* operating system our product development has accelerated and what’s exciting about this is not only the number of new cranes we’re introducing, but the innovation they bring to market,” he said. “The MRH 175 has our latest hydraulic luffing technology: a design we’ve been championing for the past two years. Meanwhile, the Hup M 28-22 harnesses all the versatility and speed of our Hup cranes but with added mobility. So, at CONEXPO customers can get a firsthand look at the latest technology for the high-rise and home building sectors.”

The MRH 175 is the latest release in Potain’s line of hydraulic luffing jib cranes, a product line the company has continuously developed since unveiling the MRH 125 a year ago. Manitowoc has championed this category of cranes, with dozens of models already delivered to a range of markets. Combining the advantages of Potain’s MR luffing jib cranes and MDT topless cranes, contractors find them particularly straightforward to assemble and disassemble on congested sites, making them ideal for urban projects, high-rise construction or job sites where space is limited.

Maximum capacity for the MRH 175 is 11 USt (10 t), while the maximum jib length is 180 ft (55 m). Tip capacity is 1.65 USt (1.5 t) when working with the full 180 ft (55 m) jib, or 3 USt (2.7 t) if fitted with 164 ft (50 m) of jib. Maximum line speed is 705 ft/min (215 m/min) when working with the high-performance 90HPL25 hoist. The crane’s unique design, with its fixed counter jib and topless structure, facilitates its trademark fast erection and dismantling, as well as making it more compact for transport, needing only four standard containers. The elements weigh under 8.5 USt (7.7 t), and there is a single counter-jib/jib foot package. The topless design also means less space is needed on sites where multiple cranes overfly the job site and the hydraulic design means no wire rope installation is needed. It also means a smaller assist crane is needed for erection as there is no cathead to assemble.

Potain’s hydraulic luffing design features a shorter counter-jib and out-of-service radius than rope-luffing alternatives. This frees up valuable space on job sites, with the MRH 175 delivering an out-of-service radius of only 33.5 ft (10.2 m), regardless of jib length. Freestanding heights of up to 206 ft (62.8 m) are available with the 6.5 ft (2 m) K-mast sections, and the crane is also compatible with 5.2 ft (1.6 m) K-mast sections. On the hoisting drum, up to 3,136 ft (956 m) of rope is available with the 90HPL25 winch, allowing users to choose either 1,568 ft (478 m) in a two-fall configuration with a 5.5 USt (5 t) maximum capacity or 784 ft (239 m) in a four-fall configuration with an 11 USt (10 t) maximum capacity. Luffing the crane from the horizontal to vertical is efficient, taking less than two minutes, delivering optimum productivity on the job site.

“Hydraulic luffing topless cranes have a very strong future in our industry, and we’ve been pleased with the uptake over the past two years,” said Le Besnerais. “Potain customers have seen the advantages these new cranes deliver and how they help them achieve a stronger return on investment on their projects. We have a strong technical training program to accompany our new MRH cranes, and the feedback from the market has been very positive.”

**Also on stand: Potain Hup M 28-22**

The Hup M 28-22 is the third model from the groundbreaking Hup self-erecting crane range and the first to prioritize mobility. It’s making its North American debut, complete with an all-new integrated transport axle designed for the local market. The double-steering axle gives the model better job site accessibility and enables it to travel at speeds of up to 50 mph (80 km/h). It provides best-in-class compactness, measuring just 38 ft (11.6 m) when folded. It is the most compact crane in its category, enabling it to easily move from site to site and to be maneuvered into narrow, restricted spaces at the job site. The crane has a 92 ft (28 m) jib and features 16 configurations, which is unique to this category of crane, and this enables it to be easily adapted for a range of applications.

“The new Hup M 28-22 optimizes mobility, productivity and versatility for our customers by combining the best engineering designs with the latest software and technology,” said Le Besnerais. “Its design and capabilities make it a perfect choice for homebuilding or renovation works.”

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ABOUT THE MANITOWOC COMPANY, INC.

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.

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