­PRESS RELEASE

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**Potain MCH 175 cranes build fire station, housing in Shenzhen, China**

* *The Potain top-slewing crane is helping to transform Shenzhen’s housing landscape.*
* *The pair of MCH 175 cranes are lifting construction materials at a fire station project and a housing project in Shenzhen, on the southern coast of China.*

China Construction Seventh Engineering Division Corp. Ltd. has deployed two Potain MCH 175 cranes, which is badged as the MCH 170 in China, to projects around Shenzhen, China — one at a fire station project on Jingtian Road in the city and the other at a housing project on Panlong Road. The projects are part of Chinese government’s effort to transform Shenzhen into a global business center by 2025.

“We selected Potain cranes because they are the top tower cranes in the industry and we are fans of the MCH 175’s VVH Luffing Hydraulic System. It has a short out of service radius which makes it easy to work in tight spaces,” said Ma Guihong, chief engineer, China Construction Seventh Engineering Division Corp. Ltd., a subsidiary of China State Construction Engineering.

Both MCH 175 cranes are new additions for China Construction Seventh Engineering Division and were both deployed to the projects in early February. With an exclusive new hydraulic cylinder; power consumption is lower on the MCH 175 than conventional luffing mechanism as it requires a smaller generator than competitive models to lower operating costs; and the luffing of the jib can be completed in two minutes. One of the MCH 175 crane’s standout features is its VVH hydraulic luffing technology for raising and lowering the jib. This innovative feature moves the jib from horizontal to 87° in less than two minutes. The design also eliminates the need for luffing ropes, which saves on assembly time. To further reduce on-site assembly time, the crane’s hydraulics are pre-connected at the factory, allowing contractors to get to work faster. The MCH 175 has a maximum capacity of 10 t, maximum radius of 55 m, and maximum tip capacity of 1.5 t.

On the fire station project, the MCH 175 works about 12 hours per day lifting construction materials. Configured with 35 m in jib length, at 80 m working height and at 30 m radius, the MCH 175 is expected to remain on site until early 2021.

On the housing project for China Resource Company, the MCH 175 works about 16 hours per day lifting construction materials like rebars. Configured with 35 m in jib length, at 130 m working height and at 35 m radius, the MCH 175 is also expected to remain on site until early 2021.

China Construction Seventh Engineering Division offers engineering and construction for housing, infrastructure and municipal public projects, and is a subsidiary of the government-owned China State Construction Engineering Corporation.

To learn more about the Potain MCH 175, click [here](https://www.manitowoc.com/potain/top-slewing-cranes-china/mch-170).

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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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