­PRESS RELEASE

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**Versatile and productive Potain MCH 175 cranes selected for transformation projects in downtown Shenzhen, China**

* *The Potain hydraulic luffing jib cranes are helping to transform Shenzhen’s housing landscape and construct a new fire station.*
* *The two Potain MCH 175 cranes are the latest fleet additions for local contractor China Construction Seventh Engineering Division.*

China Construction Seventh Engineering Division has deployed two Potain MCH 175 cranes (which is badged as the MCH 170 in China) to projects around Shenzhen. One is working on a fire station project on Jingtian Road in the city and the other is on a housing project on Panlong Road. The projects are part of the 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 hydraulic luffing system. The crane has a short out-of-service radius which makes it easy to work in tight spaces, such as downtown construction sites,” said Ma Guihong, chief engineer, China Construction Seventh Engineering Division.

Both MCH 175 cranes are new additions for China Construction Seventh Engineering Division and were deployed to their projects in early February. On the fire station project, the first MCH 175 works around 12 hours per day lifting construction materials. Configured with a 35 m jib length and at an 80 m working height, the MCH 175 is expected to remain on site until early 2021.

On the housing project, the second MCH 175 works around 16 hours per day lifting construction materials, including rebar. Configured with a 35 m jib and at a 130 m working height, this MCH 175 is also expected to remain on site until early 2021.

One of the MCH 175’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, for faster work on site. 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, while the unique hydraulic cylinder that powers the luffing motion offers lower energy consumption than conventional luffing jib cranes. This means it requires a smaller generator, lowering costs for owners.

The MCH 175 has a maximum capacity of 10 t; maximum radius of 55 m; and maximum tip capacity of 1.5 t.

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 crane, click [here](https://www.manitowoc.com/potain/top-slewing-cranes-asia/mch-175).

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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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