PRESS RELEASE

June 2, 2025

**Several large Potain topless cranes selected for Singapore HDB housing project**

* *An order for several large capacity Potain tower cranes was placed by Tiong Woon Tower Crane.*
* *The trend for heavy precast building units is driving demand for high-capacity cranes in Singapore.*
* *Cranes with the ability to handle 22 t dual precast bathroom units (PBUs) were required.*

Several high capacity Potain topless tower cranes — a mix of MCT 565A and MCT 1005 models — purchased by [Tiong Woon Corporation](https://www.tiongwoon.com/) (TWC) are getting to work on a new government housing project in western Singapore. The country’s increasing shift to precast construction in housing projects is fuelling demand for high-capacity cranes to lift heavy concrete elements. Local government regulations require all new Housing & Development Board (HDB) apartments to be fitted with PBUs (bathroom units pre-assembled off-site). On the Jurong West N4C22 project, the cranes will handle all precast components including its 22 t dual-PBUs.

In addition to Potain cranes already operating on the jobsite, new units will be installed in the coming weeks with each working on a different tower block. All will be assembled to a height under hook of 45 m. The MCT 565A cranes are working with jibs from 30 m to 35 m, which gives them tip capacities of 22.5 t to 18.3 t. Meanwhile, the MCT 1005 will operate with either 40 m or 45 m jibs, corresponding to tip loads of either 28.2 t or 24.8 t.

The MCT 1005 cranes have a maximum capacity of 50 t and can lift 25 t loads at speeds of up to 31 m/min. The MCT 565A cranes have a maximum capacity of 32 t and can lift 24 t loads at up to 22 m/min. All cranes can handle the 22 t dual PBUs with ease. The PBUs speed construction by arriving on site partially tiled and pre-assembled with copper piping, sanitary ware, window frames, ceiling, bathroom cabinets, and a waterproofing system. This means they can be quickly lifted and installed with minimal finishing work.

“Jobsites in Singapore are often space constrained, so the compact and topless design of the MCT 565A, paired with its short counter-jib, is well suited for our projects,” said Michael Ang, group CEO of TWC. “We are also deploying the MCT 1005 with a short counter-jib configuration, which provides good reach in our key projects. We are confident that both cranes will serve the project’s requirements effectively.”

To learn more about the Potain range of cranes for Asia click [here](https://www.manitowoc.com/potain/top-slewing-cranes-asia).

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| **Caption:** |
| *Several high-capacity Potain topless tower cranes – a mix of MCT 565A and MCT 1005 models – are hard at work on a new government housing project in western Singapore.* |

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The Manitowoc Company was founded in 1902 and has over a 120-year tradition of providing high-quality, customer-focused products and aftermarket 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, distributes, 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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