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**Potain MDT 319 and MRH 175 cranes help Paris’s DUO Towers reach completion**

* *Bateg, part of VINCI Construction France, is using a topless Potain MDT 319 and MRH 175 to complete the DUO Towers project, which will reshape the skyline of Paris’s 13th arrondissement.*
* *Developed by Ivanhoé Cambridge and designed by Atelier Jean Nouvel, the project consists of two asymmetrical and unaligned towers – 180 and 122 m respectively, which are due for completion in 2021.*
* *Manitowoc Lift Solutions and Crane Care teams worked together to install the telescoping MDT 319 tower crane inside the elevator shaft of one of the towers on frames that were moved several times during the lifting operations.*
* *The MRH 175 was installed on the higher of the two towers at a height of 180 m to finalize the structural work.*

Eight years after the launch of the project, the DUO Towers in Paris, France, have finally broken the horizon. Designed by Atelier Jean Nouvel for Ivanhoé Cambridge and built by Bateg, part of VINCI Construction France, the project consists of two asymmetrical and unaligned towers.

At 180 and 122 m high, the two towers will offer a total of 106,968 m2 of floor space, of which 97,386 m3 will be offices. The remaining space will be used for shops, a hotel and a panoramic restaurant and bar. Once complete later this year, the DUO Towers will reshape the skyline of the 13th arrondissement, which has been undergoing major redevelopment over the last 20 years.

Bateg chose a Potain MDT 319 and MRH 175 to help realize the DUO Towers project for their quality and flexibility, as well as the outstanding support of the Manitowoc Lift Solutions and Crane Care teams, who designed a special solution for this challenging jobsite.

The climbing MDT 319 crane rests on the building, which raises it up as it constructs one of the skyscrapers around it. The Manitowoc Lift Solutions team configured the crane so that it could be installed in the elevator shaft of the tower under construction and, therefore, not resting on a building base. The Manitowoc Crane Care technicians then installed frames to support the crane inside the empty column, which were moved several times to allow the hoisting operations.

The MRH 175, meanwhile, was installed on the higher of the two towers at a height of 180 m. This crane was required to finalize the structural work for the tower and proceed with the installation of the metal structure at the top of the tower. The MRH175 hydraulic luffing jib was particularly well suited to this job as its innovative design makes the crane very easy to install, which was key for the planned installation at 180 m above ground. Its smooth but efficient hydraulic luffing motion was also a key factor when selecting the crane. This, together with its reduced out of service radius, make the crane ideal when space is constrained.

Please visit the Manitowoc website for more information about the [Potain MDT 319](https://www.manitowoc.com/potain/top-slewing-cranes/mdt-319) and [MRH 175](https://www.manitowoc.com/potain/top-slewing-cranes/mrh-175) top-slewing cranes.

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Captions

Image 1: Looking up at the Potain MRH 175.

Image 2: Jib of the Potain MRH 175 used to finalize the structural work on the towers.

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The Manitowoc Company, Inc. was founded in 1902 and has over a 118-year tradition of providing high-quality, customer-focused products and 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, 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 and Shuttlelift brand names.

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