PRESS RELEASE

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**Quasius Construction finds ideal job site solution with Potain self-erecting tower crane**

* *Quasius Construction is using a Potain Igo T 85 A self-erecting tower crane from Manitowoc Cranes to construct a five-story apartment building in downtown Sheboygan, Wisconsin.*
* *The small job site and location on a street corner would have required street closures during construction with a crawler or mobile crane, dramatically increasing project cost and downtime.*
* *The self-erecting tower crane drove efficiency on the job site by replacing multiple pieces of construction equipment and enabling subcontractors to utilize it.*

In Sheboygan, Wisconsin, locally-headquartered Quasius Construction has deployed a Potain Igo T 85 A self-erecting tower crane from Manitowoc Cranes for the 7 Penn Apartments project on the corner of 7th Street and Pennsylvania Avenue.

Quasius Construction is using the 3,080 lbs. tip capacity crane to install the wooden structural framing for the walls, ceiling trusses, flooring, roofing material and f-frame deck steel. The five-story multi-family apartment complex will provide 66 homes, along with 92 parking spaces and 8,100 sq ft of commercial space, helping to address the area’s current housing shortage.

The small size and constrained location of the site — with a parking lot to the north, streets to the west and south, and a residential property to the east — would have required partial street shutdowns for a crawer or mobile crane, but not for the Igo T 85 A with its small 14.8 sq ft base that could reach the entire jobsite from one location.

**Compact and quiet**

“Pennsylvania Avenue is a significant road to residents who want to access the lake or riverfront area, so it was essential to minimize public disruption as well as the additional project cost and downtime that would entail,” explained Name Surname, job title at Quasius Construction. “The Igo T 85 A gave us the small footprint, easy set-up and large reach necessary for job site efficiency.”

The Igo T 85 A self-erecting crane’s quiet operation also proved advantageous for the residential project.

“The crane runs very quiet — there’s minimal engine noise and no loud horns, which is important with this being a peaceful downtown area. We didn’t want to disturb the neighbors,” Surname added.

Quasius Construction positioned the Igo T 85 A on the west side of the building from where its 146.7 ft maximum jib radius covers the entire job site without being moved. The crane operates by remote which helps improve communication and visibility across the site by the operator.

**A team player**

The operator can move around the job site to the best vantage point and cooperate with different subcontractors to create an overall more cohesive team. They can build relationships with the carpenters, for example, because they are working alongside them and can help them work more efficiently by moving their supplies to exactly where they need them.

“The Igo T 85 A crane has enabled our subcontractors to work together, which means we can get the job done quicker since nobody’s waiting on equipment or unnecessary labor,” Surname explained.

The Igo T 85 is quickly becoming know among contractors as a new way of building more cost-effectively on a job site. The self-erecting crane has saved Quasius Construction $23,000 by eliminating the need for an additional forklift truck on site, as the operator was able to use it to load up items for the framing.

“Overall, we are extremely pleased with the Igo T 85 A. It’s a versatile tool that does everything we need it to and more, helping to drive efficiency on site,” Surname concluded.

Quasius Construction, located in Sheboygan’s downtown district, delivers innovative construction solutions and services to clients throughout Wisconsin. Established in 1891, the company is a partner that clients trust throughout their entire project life cycle from conceptual design through construction completion, helping them make informed decisions and meet challenging project demands and budgets.

Potain certified crane dealer Dawes Rigging & Crane Rental has provided service and support for Quasius Construction’s Igo 85 A during the project. With four branch locations in Wisconsin, Dawes offers crane rental solutions in the Midwest and beyond since 1947. In 1978, Dawes became a member of the ALL Family of Companies, with the Milwaukee location operating as Dawes headquarters.

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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 products and support services that are tailored to customers’ needs. Its 2019 net sales were approximately $1.83 billion. Manitowoc is one of the world's leading providers of engineered lifting solutions. Through its wholly-owned subsidiaries, Manitowoc designs, manufactures, markets and supports comprehensive product lines of mobile telescopic cranes, tower cranes, lattice-boom crawler cranes, boom trucks and industrial cranes under the Grove, Potain, Manitowoc, National Crane, Shuttlelift and Manitowoc Crane Care brand names.

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