­NEWS RELEASE

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**Largest Grove all-terrain crane does the heavy lifting on French WtE plant renovation project**

* *Italian crane services company Vernazza Autogru is using a Grove GMK7450 all-terrain crane to install a new fume treatment system at the Syctom waste-to-energy (WtE) plant in Saint-Ouen, Paris.*
* *The GMK7450 is the largest in the Grove all-terrain crane range, featuring a 450 t maximum capacity on a seven-axle carrier with a 60 m Twin-Lock boom.*
* Its enormous capacity, enhanced by the optional Mega-Wing-Lift attachment, and ease of erection made it the perfect crane for the job.

[L’Etoile Verte ‘Green Star’ incineration and energy recovery center in Saint-Ouen](https://www.syctom-paris.fr/installations-et-projets/installations/saint-ouen/centre-dincineration.html), Paris, is currently undergoing a revamp of its fume treatment system. The WtE plant, operated by Syctom since 1990, is the largest of three in the French capital, incinerating 600,000 t of unrecyclable household waste per year and generating enough power to heat 120,000 homes. The ambitious modernization project will optimize energy recovery performance while reducing emissions for increased energy production with lower environmental impact.

Tasked with carrying out the lifting operations on the project is Italian crane services provider Vernazza Autogru. Founded in 1946, the Genova-based company deploys a fleet of 200 cranes and specialized vehicles across Europe, including Grove cranes of all sizes. For the demands of this particular job, Vernazza Autogru selected the largest in the Grove all-terrain range, the seven-axle 450t capacity GMK7450.

The GMK7450 provides an exceptional strength-to-weight ratio thanks to the unique cross-section Megaform boom design, while the large wear pads ensure optimum boom alignment and effective transition of weight between sections when telescoping. These features enable greater lifting capacities at any radius, as does the fully hydraulic Twin-Lock boom pinning system. Twin-Lock uses two pins horizontally mounted on a single telescopic cylinder to move a boom section into position, reducing weight in the boom, which can then be used to strengthen the crane elsewhere.

Lifting capacity is further enhanced by the optional Mega-Wing-Lift attachment, which provides rigidity when working with long boom/jib/counterweight combinations, increasing the load chart by more than 40% on the main boom and more than 230% on the luffing jib.

“Replacing the fume aftertreatment system at the [L’Etoile Verte](https://www.syctom-paris.fr/installations-et-projets/installations/saint-ouen/centre-dincineration.html) plant requires a crane that is flexible, reactive and compact. We chose the Grove GMK7450 for its good load capacity – very near to 500 t. So far, our operators have found it simple to use and it has been a reliable machine for continuous utilization,” says Paolo Delfino, general director of Vernazza’s French branch.

Visit the Manitowoc website to learn more about the [Grove GMK7450 all-terrain crane](https://www.manitowoc.com/grove/all-terrain-cranes/gmk7450).

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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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