

Wind power internal generator hoisting solution



Overview

The utility model solves the problem that a large-scale crane is necessary to hoist a wind turbine generator from a high-altitude cabin to the ground for the dismantling of a collector ring cover, realizes direct dismantling of the collector ring cover in the wind field high-altitude. The utility model solves the problem that a large-scale crane is necessary to hoist a wind turbine generator from a high-altitude cabin to the ground for the dismantling of a collector ring cover, realizes direct dismantling of the collector ring cover in the wind field high-altitude. An innovative smart hoisting system is performing precision “heart surgery” on a wind turbine. On J, at the Liuyuan Wind Farm in Gansu, China. The JLL560 self-hosting crane—jointly developed by Jinli Heavy Industry and Goldwind—completed its first full-scale test in China. Designed for. Wind turbines are used to generate electricity in areas with strong, steady winds – either on land or offshore. Wind turns the blades, which spin a shaft. The self-hoisting crane is the innovative solution that has made it possible to optimize, in terms of method and time, the maintenance of. Kalmar heavy lifting machinery is perfect for handling and lifting wind turbine components during manufacturing, transportation in marshalling yards, wind farm construction and maintenance. Another solution is to mobilise semi-submersible heavy lift vessels, however, the expensive charter costs and potentially limiting crane lift capabilities, mean this is unlikely to be a long-term competitive solution. An alternative offshore maintenance strategy is to use self-hoisting, turbine.

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[Perfect Debut!JINLI JLL560 Self-Hoisting Maintenance Crane ...](#)

It can access core wind turbine components directly from the ground or sea. It handles tall tower tops and complex hubs with precision, solving the common issues of limited reach and ...

[Global solutions provider within the wind industry](#)

Seamlessly Replace Major Components without Conventional Cranes. At Liftra we offer standard and custom-made solutions for transportation, installation and maintenance of wind turbines worldwide.



- IP65/IP55 OUTDOOR CABINET
- ALUMINUM
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR MODULE CABINET

[Wind Energy Lifting Challenges & Solutions](#)

Wind energy projects depend on precise, safe, and adaptable lifting solutions. The scale of turbine components demands equipment that offers both strength and flexibility.



[Major Component Exchange with Self-Hoisting Cranes](#)

Identify solutions to conduct onsite major component exchange of Wind Turbine Generator (WTG) nacelle components without relying on large heavy lift vessels or towing a substructure to port.



[Wind maintenance with innovative cranes . Open Innovability](#)

The self-hoisting crane is the innovative solution that has made it possible to optimize, in terms of method and time, the maintenance of our Group's wind farms.



[Industrial Cranes for Wind Turbine Applications](#)

Wind turns the blades, which spin a shaft. The shaft connects to a generator, which produces electricity. Electric chain hoists are used to carry out maintenance work on windmill machinery and for lifting ...



[Solutions for lifting wind turbines and wind farm construction](#)

Whether it's nacelles, blades, tower sections, cones, or foundations, we have the expertise to provide you with an end-to-end solution that ensures the safe efficient movement and ...



Self-Hoisting Crane - GreenTech Megawatt

Established in 2007, GreenTech is a comprehensive solution for all operations and maintenance requirements in the wind turbine domain. Our track record speaks of our trusted and superior service.



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The utility model discloses an auxiliary hoisting tool for on-site maintenance of a wind turbine generator, which comprises a pedestal, a rotatable cantilever and a hoisting device.

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