

Wind turbine generator hoisting

How to hoist a wind turbine safely?

Because the lifting height, load and lateral dimension during the safe hoisting process of the wind turbine are relatively large, the special jib structure of the all-terrain crane for hoisting wind turbine safely is adopted to solve the problem of interference between the crane jib and the wind power equipment.

Why is all-terrain crane necessary for hoisting land wind turbines?

All-terrain crane is indispensable for hoisting land wind turbines safely. Because the lifting height, load and lateral dimension during the safe hoisting

Do you need a climbing crane for a wind turbine?

However, the rule of thumb is; the higher the turbine, the more advantage the Climbing Crane will give you on both crane costs and the costs for the permanent crane installation site. The Lagerwey Climbing Crane is the world's first self-climbing crane for the construction of wind turbines.

What is special jib for safety hoisting of land turbine generator?

The special jib for safety hoisting of land turbine generator mainly includes main jib head, sub-jib bracket and front and rear pull plate and so on, which consists of a combination of truss and plate girder structures, as shown in Fig. 2.

Why do wind turbine cranes not work properly?

Because cranes often appear to be affected by high wind speeds, they may not work properly. On the basis of the specific model of the wind turbine generator, the safety hoisting can be carried out using the corresponding all-terrain crane operating conditions.

Why did Lagerwey create a wind turbine Crane?

The crane was invented and developed by Lagerwey to be able to build ever higher wind turbines in usual but also in somewhat more challenging locations. The crane's limited size, easy transport and quick set-up time provide many advantages for the construction of wind turbines.

Overhead Crane & Gantry Cranes for Wind Power Turbine Hoisting. ... Tower cranes are ideal for lifting heavy components such as rotor blades, generators, and nacelles. Manufacturing: Once the design is finalized, manufacturing ...

Power Climber Wind designs and manufactures the most reliable Turbine Service Lifts to improve technician safety, productivity and retention. Designed to meet WTG manufacturer specifications and tower configurations, our full range of ...

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