

Solar Energy South Africa

Wind turbine blade hauling



Overview

Why are wind turbine blades so difficult to transport?

Historically, transporting wind turbine blades has not been easy due to the increasing size and weight of the blades and the fact that wind farms are often located in remote and inaccessible areas.

What is a wind turbine blade transport trailer?

Many turbines are manufactured domestically and abroad; however, they are usually trucked to their final destination. When talking about a wind turbine blade transport trailer, the components consist of hauling a wind turbine, including wind turbine blades size, towers and more.

How are wind turbine blades delivered?

With wind turbines, it must be delivered to the wind farm site from the port of entry or the manufacturer. Some parts even need to be disassembled for shipping. However, the blades must be delivered in one piece. On average wind turbine blades' size are 116 feet in length. They are still manageable for truck transportation at this length.

Can wind turbine blades be broken down for shipping?

Some components can be broken down for shipping, but the blades must be transported as a single piece. Hauling wind turbine blades that are 116 feet long represents a significantly oversized load. At this length, they are still manageable for transportation by trucks.

How do you transport a wind turbine?

You'll need to research for wind turbine transporters who have access to trucks with flatbed trailers that can handle the oversized equipment's size and weight. It takes a lot of planning on the side of your logistics company to transport one big wind turbine blade.

What is the size of wind turbine blades?

Wind turbine blades are on average 116 feet in length. They are still manageable for truck transportation at this length. However, the truck transportation infrastructure has been challenged by the development toward larger, taller wind generators with blades approaching 200 feet long.

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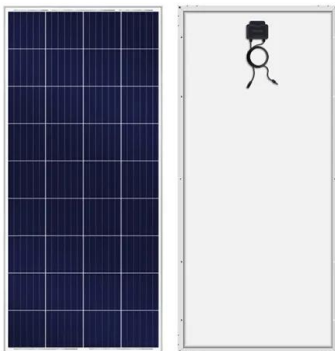


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Wind Turbine Transportation , Oversize Wind Blade, ...

Hauling wind turbine blades that are 116 feet long represents a significantly oversized load. At this length, they are still manageable for transportation by trucks. However, with the trend to larger, taller wind generators, and blades ...



Wind Turbine Transportation , Oversize Wind Blade, Tower and ...

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[Shipping wind turbines is not a breeze](#)

One turbine breaks down into three blades, each transported on two three-axle trailers; tower

components, also transported in three sections; and the nacelle, the cover that houses all of the generating components,



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Wind Turbine Blade Shipping & Hauling

The Different Sizes of Wind Turbine Blades. Any modern single wind turbine is always over 100 meters, and each component weighs several tons. The standard towers are 120 to 215 feet, with the combined turbine blades weighing 36 ...



Wind Energy , Bennett Family of Companies

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