

Title: Wind turbine blades go up the mountain

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On a road trip, you've likely seen a long trailer carrying an enormous wind turbine blade. And you might have wondered how such a large component reaches the top of a mountain and is installed dozens ...

They are transported by a tractor trailer with a special system that allows the operator to rotate or tilt the blade. The operator moves the blade as the truck makes narrow turns up the mountain.

Transporting a wind turbine blade this huge is an engineering challenge on its own -- but moving it through tight mountain roads takes extreme precision, planning, and nerves of steel.

Check out this video of a huge wind turbine blade traversing a narrow mountain road in China - but you might want to watch through your fingers.

One of the challenges for its construction is to transport the giant wind turbines to the mountaintops. Each truck needs to carry a wind turbine blade that is 75 meters long and weighs 19 ...

A nearly 100-meter-long wind turbine blade, weighing 36 tons, is making its way along a steep mountain ridge at an altitude of 1,800 meters in Chongqing, China.

In order to avoid the power lines, tree branches, buildings and other obstacles along the route, an operator has to sit in the back of each truck and control the blade's orientation and angle: ...

Giant wind turbines are a common sight in the countryside, and we've occasionally seen them being transported on long flatbeds. But getting their enormous fan blades up a mountain along ...

Placing something so large on the top of a mountain means that the task of taking the equipment to the top can be pretty difficult. What you see in this video are trucks specifically ...

To reduce the environmental impact of this transport, Blade Lifter technology was developed, which uses the



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inclination of the blades to facilitate their transport.

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