

# Wind turbine blade delivery cost



## Overview

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Summary pricing snapshot for wind turbine blades: small-to-mid length blades (30–45 meters) are typically in the \$120,000–\$210,000 range per blade; mid-length blades (45–60 meters) commonly fall in the \$180,000–\$260,000 band; long, high-performance blades (60–70+ meters) can. Summary pricing snapshot for wind turbine blades: small-to-mid length blades (30–45 meters) are typically in the \$120,000–\$210,000 range per blade; mid-length blades (45–60 meters) commonly fall in the \$180,000–\$260,000 band; long, high-performance blades (60–70+ meters) can. Blade price ranges by size category (assumptions: standard glass/ carbon fiber composites, single-piece or segmented blades, and normal production runs): Low \$120,000–\$170,000; Average \$180,000–\$260,000; High \$300,000–\$350,000 per blade. Per-meter pricing typically falls in the \$4,000–\$6,000 range. But for operators, investors, and engineers, one critical question often arises: how much does a wind turbine blade cost?

The answer is not straightforward. Blade costs vary based on size, material, technology, and logistics. In this detailed guide, we'll explore the factors influencing blade. This report is available at no cost from the National Renewable Energy Laboratory (NREL) at [www.nrel.gov/wind/analysis/blade-cost-model](http://www.nrel.gov/wind/analysis/blade-cost-model). A Detailed Wind Turbine Blade Cost Model. Golden, CO: National Renewable Energy Laboratory. Wind turbines, particularly industrial ones, have heavy blades that can cost anywhere between \$500 and \$7,500, with the average cost around \$2,500. The size of the blade is a major factor in the cost of a wind turbine blade.

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### [How Much Does A Wind Turbine Blade Cost? A Complete Guide](#)

So, how much does a wind turbine blade cost? The answer ranges from hundreds of thousands to several million dollars per blade, depending on size, materials, and application.

### [How to transport Wind Turbines](#)

Explore the detailed process of transporting wind turbines, including planning, methods, costs, and logistical challenges to ensure safe and efficient delivery.



### [How Much Does a Wind Turbine Blade Cost? Price Breakdown](#)

Discover how much a wind turbine blade costs in our detailed price breakdown. Learn key factors affecting price and make informed renewable energy decisions!



### [How Much Do Wind Turbine Blades Cost?](#)

Wind turbine blades represent a significant portion of a turbine's overall expense; their cost varies greatly depending on size and materials, typically ranging from \$200,000 to over ...



### [Wind Blade Generator Cost: Breaking Down the \\$1.5 Million Price Tag ...](#)

You know, wind energy adoption grew 12% globally in 2024, but here's the kicker: a single wind turbine blade now costs between \$100,000-\$1.5 million. Wait, no--that's not entirely ...

### [A Detailed Wind Turbine Blade Cost Model](#)

This work aims to define a detailed parametric blade cost model for modern multimegawatt wind turbine blades via vacuum-assisted resin transfer molding (VARTM).



### [Wind Turbine Cost Guide 2025: Complete Pricing Breakdown \(\\$700 ...](#)

Wind turbine prices range dramatically from \$700 for small residential units to over \$20 million for the largest offshore turbines, with total project costs varying significantly based on size, ...



### [What Is The Cost Of Wind Turbine Blades?](#)

In summary, the cost of a wind turbine blade can vary depending on factors such as size, maintenance, and blade weight. Wind energy farms looking to stand up a wind turbine need to note ...



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### [Wind Turbine Blade Cost Guide for U.S. Buyers 2026](#)

The price to procure a wind turbine blade ranges widely based on length, material, and supplier capabilities. For a typical utility-scale blade, buyers should expect a per-blade price in the ...



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