



Wind power generation manufacturing





Overview

For the first time in history, the world's top four wind turbine manufacturers are Chinese: Goldwind, Envision, Mingyang, and Windey. Meanwhile, in 2024, Europe reached a 92% share of its regional market, 4 percentage points higher than its 2023 level. Wind power is a leading solution as the world increasingly turns to renewable energy to combat climate change and ensure energy security. The global wind energy market size was US\$89.7bn in 2024 and is expected to reach US\$260. In support of this upward trend. In 2025, the global wind energy sector continues its strong upward trajectory, with total installed capacity surpassing 1,170 GW and over 117 GW added in the past year alone. This expansion, however, coincides with a significant shift in the competitive landscape. The goals are to increase reliability while lowering production costs and promote an industry that can meet all demands domestically while competing in the global market. Through the Big Data & Artificial Intelligence (AI)-powered StartUs Insights Discovery Platform, covering over 7M+ startups, 20K+ technology trends, plus 150M+ patents, news articles & market reports, we identified 10 companies that manufacture wind turbines.



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[Top 10 Wind Turbine Manufacturers in the World by Capacity](#)

Vestas Wind Systems AS, Siemens Gamesa Renewable Energy SA, GE Renewable Energy, Enercon GmbH, Nordex SE, and Nordex SE are the top 5 wind turbine manufacturers in the ...

[10 Wind Turbine Manufacturing Companies \[2026\]](#)

Discover 10 emerging wind turbine manufacturing companies to watch in 2026 & find out how their solutions will impact your business!

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Future of Renewable Energy: Top 10 Wind Turbine Manufacturers

This article delves into the contributions of top wind turbine manufacturers, shaping the future of renewable energy. The wind turbine manufacturing industry is currently experiencing a ...

[Wind turbine manufacturers , Windpower Monthly](#)

The latest news, analysis and opinion on some of the world's largest turbine manufacturers, including Vestas, Siemens Gamesa, GE Renewable Energy, Goldwind, Nordex, Enercon, MingYang and Suzlon.



[Global Top 15 Wind Turbine Manufacturers \[2025\]](#)

VestasSGREGE VernovaEnerconGoldwindEnvision MingyangNordexWindey0. SewindFounded: 1985 Location: Rostock, Germany Nordex (Nordex SE) provides cost-efficient and high-yield wind turbines. The acquisition of Acciona Windpower made Nordex a major force to reckon with in the wind industry. The company has installed over 51 GW of wind turbines as of 2024. As one of the world's largest wind turbine manufacturers, the Nordex See more on blackridgeresearch

Videos of Wind Power Generation Manufacturing

Watch video20:49How Massive Wind Turbines Are Made - From Mega Factory To Wind Farm Manufact8 views4 months agoWatch video2:50How to build a wind turbine blade LM Wind Power97.9K viewsMar 15, 2022Watch video10:24The Winds of Change , Delivering for Customers with GE Vernova's 3 MW Wind Turbine GE Vernova11.7K viewsNov 19, 2024Watch full videoWikipedia

List of wind turbine manufacturers - Wikipedia

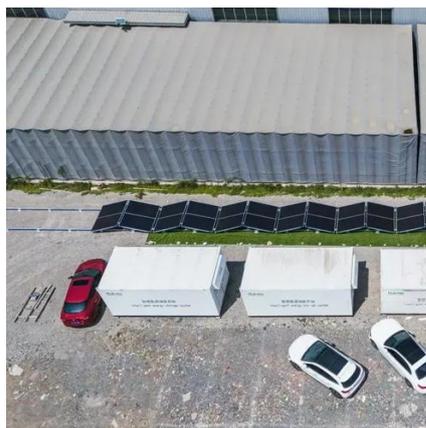
Small wind turbine manufacturersLarge wind turbine manufacturersSee also

- o Bergey (United States)
- o Bornay (Spain)
- o Enessere (Italy)
- o Hi-VAWT (Taiwan)
- o quietrevolution (United Kingdom)



Top 15 wind turbine manufacturers in 2024: China dominates the top 4

For the first time in history, the world's top four wind turbine manufacturers are Chinese: Goldwind, Envision, Mingyang, and Windey. Meanwhile, in 2024, Europe reached a 92% share of its ...



[Wind Manufacturing and Supply Chain, Department of Energy](#)

Since 1999, the average generating capacity of newly installed wind turbines has more than doubled to 3 MW. Advancements in composite materials, automation, and more efficient manufacturing processes ...



Wind Turbine Manufacturer Deep Dive

This report provides a comprehensive analysis of the global wind turbine manufacturing industry. It examines current market dynamics, details the primary components of modern wind ...



[Global Top 15 Wind Turbine Manufacturers \[2025\]](#)

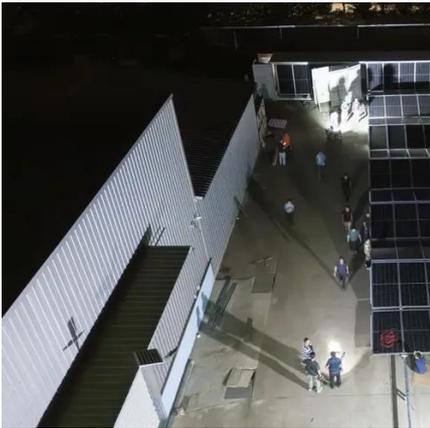
Check out our blog for the best wind turbine manufacturers, including the largest OEMs in the wind industry and leading wind power generation companies.

[Top 10: Wind Power Manufacturers](#)



Energy Magazine

In support of this upward trend, leading global wind manufacturers play a pivotal role in shaping the future of clean energy. From established giants to innovative newcomers, these ...



List of wind turbine manufacturers

List of wind turbine manufacturers This is a list of notable wind turbine manufacturers and businesses that manufacture major wind turbine components.



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