

# **Wind Turbine Pitch System Market Size and Forecast (2020 - 2030), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Type (Hydraulic Pitch System and Electric Pitch System), Plant Capacity (Less than 10 MW and Above 10 MW) Deployment Type (Onshore and Offshore), and Geography**

<https://marketpublishers.com/r/W6087BF1DE4CEN.html>

Date: March 2024

Pages: 150

Price: US\$ 5,190.00 (Single User License)

ID: W6087BF1DE4CEN

## **Abstracts**

According to our latest market study on 'Wind Turbine Pitch Systems Market Forecast to 2030 – Global Analysis – by Type (Hydraulic Pitch System, Electric Pitch System), by Plant Capacity, (Less than 10 MW, Above 10 MW) and by Deployment Type (Onshore, Offshore), and Geography,' the wind turbine pitch system market size is expected to grow from US\$ 2,775.15 million in 2022 to US\$ 6,103.48 million by 2030. It is expected to register a CAGR of 10.4% from 2022 to 2030.

The wind turbine pitch system is one of the major parts of the overall wind turbine components. The pitch system predominantly adjusts the angle of the wind turbine's blades as per the wind direction and flow and controls the rotor speed. Booming development in the renewable energy sector in terms of rising demand for electricity, growing urbanization, and increasing industrialization is also propelling the development of the wind turbine pitch system market from 2022 to 2030. Mitigating carbon emission and attaining net zero carbon emission targets of various countries has improved the application of wind turbine pitch systems in land-based and offshore wind plants.

In terms of revenue, Asia Pacific dominated the wind turbine pitch system market share in 2022. Growing electricity demand, along with the rising focus on renewable energy sources for mitigating carbon emissions and lowering the dependence on fossil fuels,,

are the key factors facilitating the expansion of the wind turbine pitch system market share in Asia Pacific. Factors such as The raising industrialization and the increasing number of wind plants among different nations are also positively boosting the wind turbine pitch system market in the Asia Pacific. China is leading the market for wind turbine pitch systems, followed by India and Australia. Growing focus on mitigating carbon emissions, reducing environmental pollution, and lowering dependency on fossil fuel is anticipated to facilitate the expansion of the wind turbine pitch system market in share of Asia Pacific.

Based on type, the wind turbine pitch system market is bifurcated into hydraulic pitch system and electric pitch system. The hydraulic pitch system segment accounted for 64% of the global wind turbine pitch system market share in 2022 and is estimated to maintain its dominance during the forecast period 2022- –2030. The easy maintenance and availability of components are major driving factors behind the growth of hydraulic pitch systems globally.

Based on plant capacity, the global wind turbine pitch system market is categorized into Less less than 10 MW and Above above 10 MW. The Above above 10 MW segment accounted for 98.8% of the overall wind turbine pitch system market share in 2022 and is expected to maintain its dominance from 2022 to 2030. Factors such as increasing focus on promoting renewable energy sources to reduce greenhouse emissions and rising demand for clean energy are the major market trends for favoring the anticipated to boost the growth of wind turbine pitch system market over the forecast period.

Based on the deployment type, the global wind turbine pitch system market is categorized into onshore and offshore. The onshore segment accounted for 79.9% of the overall wind turbine pitch system market share in 2022 and is anticipated to continue its dominance from 2022 to 2030.

The global wind turbine pitch system market report is classified based on segmented on the basis of type, plant capacity, deployment type, and geography. Based on type, the wind turbine pitch system market is segmented into hydraulic pitch systems and electric pitch systems. In terms of plant capacity, the wind turbine pitch system market analysis is segmented into less than 10 MW and above 10 MW. In terms of deployment type, the wind turbine pitch system market analysis is segmented into onshore and offshore. In terms of geography, the global wind turbine pitch system market report is segmented into five major regions: Europe, Asia Pacific (APAC), North America, the Middle East & Africa (MEA), and South & Central America (SAM).

Siemens Gamesa Renewable Energy S.A, General Electric Company, Emerson, OAT GmbH, Nidec Industrial Solutions, Vestas Wind Systems A/S, ABB Ltd., Parker Hannifin, Moog Inc., KEBA AG, and KEB Automation KG are among the prominent players profiled in the wind turbine pitch system market report. In addition, several other players have been studied and analyzed during the study to get a holistic view of the market and its ecosystem. New product launches and the inauguration of manufacturing facilities for easy availability of spare parts are major schemes adopted by these companies to improve their foothold in the global wind turbine pitch system market.

The overall wind turbine pitch system market trends forecast analysis has been derived using Both both primary and secondary sources have derived the overall wind turbine pitch system market forecast. Secondary research has been conducted using internal and external sources to attain quantitative and qualitative information related to the market size of the wind turbine pitch system market. The procedure process also helps obtain an overview of the wind turbine pitch system market forecast with respect to all the market segments. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights. This process includes industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders, specializing in the wind turbine pitch system market. In addition, several other essential wind turbine pitch system market players were also analyzed to get a holistic view of the global wind turbine pitch system market and its network.

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