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Global Wind Power Epicyclic Gear Train Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Wind Power Epicyclic Gear Train market size was valued at US$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Wind power epicyclic gear train is an important mechanical components, and its main function is to wind round the momentum generated by wind is passed to the generator and make the appropriate speed. Usually wind wheel speed is very low, far less than required by the generator speed, the growth rate effect of the gearbox gear vice, so the gearbox will also be called a growth box. According to the general layout of the unit, sometimes the wind turbine wheel is directly connected to the drive shaft (commonly known as the shaft) and the gear box together as one, shaft and gearbox are arranged, during which the tension device or coupling connected structure. Brakes in order to increase the braking capacity of the unit, often set in the input or output of the gearbox, with the tip brake (fixed pitch wind wheel) or pitch from the brake to the unit drive system combined braking.

According to the Global Wind Report 2023 released by the Global Wind Energy Council, by 2024, the newly installed capacity of global onshore wind power will exceed 100GW for the first time; by 2025, the newly installed capacity of global offshore wind power will also reach 25GW. In the next five years, the newly added grid-connected capacity of wind power will reach 680GW. The report also shows that the United States and Europe

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may experience a supply bottleneck of wind turbines and components in 2025. It recommends that national policymakers take immediate action to increase investment in supply chains to meet their rapid growth in demand and avoid supply chain bottlenecks hindering the development of wind power. In addition, according to Wood Mackenzie statistics, China is the largest and fastest-growing market for wind power generation in the world, accounting for more than half of the market share. Data from the National Energy Administration of China also shows that China's installed wind power capacity ranks first in the world, with a capacity of nearly 400 million kilowatts.

This report is a detailed and comprehensive analysis for global Wind Power Epicyclic Gear Train market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Wind Power Epicyclic Gear Train market size and forecasts, in consumption value ($ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global Wind Power Epicyclic Gear Train market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global Wind Power Epicyclic Gear Train market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global Wind Power Epicyclic Gear Train market shares of main players, shipments in revenue ($ Million), sales quantity (Units), and ASP (K USD/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Wind Power Epicyclic Gear Train

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To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Wind Power Epicyclic Gear Train market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, China Transmission, ZF, Moventas, VOITH, Allen Gears, CSIC, Winergy, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Wind Power Epicyclic Gear Train market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

1.5 MW-3 MW

Below 1.5MW

Above 3 MW

Market segment by Application

In-Land

Off-Shore

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Major players covered

- Siemens
- China Transmission
- ZF
- Moventas
- VOITH
- Allen Gears
- CSIC
- Winergy

Market segment by region, regional analysis covers

- North America (United States, Canada, and Mexico)
- Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
- Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

- Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Wind Power Epicyclic Gear Train product scope, market overview, market estimation caveats and base year.

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Chapter 2, to profile the top manufacturers of Wind Power Epicyclic Gear Train, with price, sales quantity, revenue, and global market share of Wind Power Epicyclic Gear Train from 2020 to 2025.

Chapter 3, the Wind Power Epicyclic Gear Train competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Wind Power Epicyclic Gear Train breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and Wind Power Epicyclic Gear Train market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Wind Power Epicyclic Gear Train.

Chapter 14 and 15, to describe Wind Power Epicyclic Gear Train sales channel, distributors, customers, research findings and conclusion.

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