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2020-2025 Global Wind Turbine Gearboxes Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

https://marketpublishers.com/r/243640613B9EEN.html
Date: April 2021
Pages: 97
Price: US$ 3,360.00 (Single User License)
ID: 243640613B9EEN

Abstracts

A wind turbine is a device that converts the wind's kinetic energy into electrical energy.A gearbox is typically used in a wind turbine to increase rotational speed from a low-speed rotor to a higher speed electrical generator. A common ratio is about 90:1, with a rate 16.7 rpm input from the rotor to 1,500 rpm output for the generator. Some multimegawatt wind turbines have dispensed with a gearbox. In these so-called direct-drive machines, the generator rotor turns at the same speed as the turbine rotor. This requires a large and expensive generator. Other wind turbines on the market sit in-between, with gearbox ratios of about 30:1, dispensing with the highest speed stage in a typical gearbox. There is a trade-off between the reliability of gearboxes and gear stages and the cost of slower, higher torque generators.

This report elaborates the market size, market characteristics, and market growth of the Wind Turbine Gearboxes industry, and breaks down according to the type, application, and consumption area of Wind Turbine Gearboxes. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Wind Turbine Gearboxes in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Wind Turbine Gearboxes market covered in Chapter 13:

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China High Speed Transmission
Gamesa Energy Transmission
Brevini Power Transmission
Chongqing Gearbox
ZF Friedrichshafen
Eickhoff
Winergy
RENK
ISHIBASHI Manufacturing
Moventas

In Chapter 6, on the basis of types, the Wind Turbine Gearboxes market from 2015 to 2025 is primarily split into:
Main Gearbox
Yaw Pitch Gearbox

In Chapter 7, on the basis of applications, the Wind Turbine Gearboxes market from 2015 to 2025 covers:
Offshore wind power
Onshore wind power

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:
United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:
North America (Covered in Chapter 8)
United States
Canada
Mexico
Europe (Covered in Chapter 9)
Germany
UK
France

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Italy
Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:
Historical Years: 2015-2019
Base Year: 2019
Estimated Year: 2020
Forecast Period: 2020-2025

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