Global Wind Turbine Gearbox Market 2016-2020

Description: About Wind Turbine Gearbox

In a wind turbine, a gearbox is used to increase the rotor speed to an extent that it matches the generator speed. The gearbox connects the low-speed shafts with the high-speed shafts. The rotational speed of the generator shaft is far higher than that of the turbine blades. The gearbox in a wind turbine does not change gears; instead it maintains a single-gear ratio between the rotation of the rotor and the generator. The gear converts low speed to high speed and high torque to low torque. The high-speed rotation of the shaft produces electricity inside the generator.

Analysts forecast the global wind turbine gearbox market to grow at a CAGR of 3% with respect to installation capacity during the period 2016-2020.

Covered in this report:

The report covers the present scenario and the growth prospects of the global wind turbine gearbox market for 2016-2020. To calculate the market size, the report considers the revenue generated from the sales of wind turbine gearbox.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Global Thoracic Surgery Market 2016-2020, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors

- China High Speed Transmission
- Gamesa Energy Transmission
- Moventas
- Winergy
- ZF Friedrichshafen

Other prominent vendors

- Brevini Power Transmission
- Chongqing Gearbox
- Eickhoff
- ISHIBASHI Manufacturing
- RENK
- ZOLLERN

Market drivers

- Government support for wind energy projects
- For a full, detailed list, view the full report

Market challenges

- R&D in direct-drive generators for wind turbines to impact gearing demand
- For a full, detailed list, view the full report

Market trends
Increased focus on R&D to improve gearbox reliability
For a full, detailed list, view the full report

Key questions answered in this report
- What will the market size be in 2020 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

You can request one free hour of the analyst's time when you purchase this market report. Details are provided within the report.

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