SHAPING THE FUTURE RESPONSIBLY
SERVING WIND ENERGY MARKETS WORLDWIDE

With state-of-the-art manufacturing plants and worldwide service locations, ZF offers a global footprint to deliver custom-built solutions.
With expertise in both automotive and industrial technology, ZF is determined to support its customers in making wind power the leading renewable energy source for the future.

How do customers benefit from ZF wind-turbine gearboxes?

- More than seven decades of cumulative know-how in the wind power industry and long-term partnerships with the world’s leading suppliers of wind-turbine gearbox components and with wind-turbine manufacturers and operators, enable ZF Wind Power to confidently meet any challenge customers may face.

- With a long tradition of innovation, ZF Wind Power differentiates itself in the marketplace by means of quality and reliability in customized solutions for different concepts used by its customers in their markets: Integrated, Conventional, High Speed and Medium Speed.

- Excellent strength and torque capacity, surface durability and low noise performance, as well as optimum bearing life under specified loads, contribute to the gear unit’s long, trouble-free working life.

- ZF next-generation high torque gearboxes will further improve Cost of Energy for different segments and markets with innovative platform designs, increased torque density and advanced bearing technology.
>85,000
MEGAWATT produced to date

0.8–8.0
MEGAWATT gearbox portfolio

>12,000
MEGAWATT produced in the 3 MW segment

in-house
PERFORMANCE of critical processes

~18,000
MEGAWATT annual manufacturing capacity

1979
ZF INTRODUCED its first wind-turbine gearbox
Covering All Torque Ranges

The prevailing trend in the wind power industry toward ever more powerful, reliable, and available turbines under challenging operating conditions requires the far-reaching customization of all vital components.

The dynamic nature of the wind power market calls for continuous and rapid development to deliver productive, reliable and cost-effective turbines.

ZF is committed to delivering gearbox solutions that can handle the torque growth-curve induced in the drive train as turbine platforms are being equipped with larger rotors. ZF invests heavily in research and development of technologies and concepts to increase torque density, enabling torque increase within the same outer gearbox dimensions. With its innovative approach, ZF is committed to producing next-generation wind-turbine gearboxes that will make wind power the most attractive energy source in the future.

Coupled with its reliable product portfolio and the ability to provide worldwide service and maintenance, ZF is the technology partner of choice in the wind power industry.

* Estimated market demand period 2016-2020

Use the ZF Wind Power app to scan the above gearbox tokens and receive more information on ZF technology for wind turbines.