

# Replacement of carbon brushes for wind turbine generator

Who makes wind power carbon brushes?

Carbex manufactures wind power carbon brushes for every type of wind turbine and generator on the market, regardless of prevailing climate conditions. Carbex develops and manufactures carbon brushes for wind turbines in copper and silver designed for use in extreme turbine environments.

Who makes carbon brushes?

Carbex manufactures carbon brushes for all types of wind power turbines and generators on the market including, among others, to Vestas, Gamesa, GE, VEM, Winergy, Siemens, Nordex, Suzlon and Loher. Advantages: A large market area for Carbex is the grounding of motor shafts. Carbex also supplies brush holders for grounding.

What are carbon brushes & brush holder systems for generators & pitch systems?

Our carbon brushes and brush holder systems for generators and pitch systems support turbine and generator manufacturers in the onshore and offshore sectors in achieving their goals. Carbon brushes from Schunk perfect the power transmission of slip rings of doubly-fed asynchronous generators (DFIG).

What parts are available for a wind turbine generator?

Our wind turbine generator repair process includes thermographic analysis. In addition to our range of repair and maintenance services, we hold stock to a range of replacement parts including: Generator components. Motor components. Slip Rings. Carbon brushes. Carbon brush holders. A full list of our spare parts and components can be found [here](#).

Why should you choose carbex carbon brushes for wind turbines?

Carbex carbon brushes for wind turbines are tailored for power transmission, grounding, lightning protection as well as slip rings for pitching of blades. Our objective is to be the customer's first choice for development and support. Close collaboration with our customers is the key to our mutual success.

What are carbon brushes used for?

In both onshore and offshore areas, giant wind farms are springing up. Carbon brushes are very important functional components of wind energy generators. They are used as electrical contacts for power transmission. Our expertise in materials and applications makes us a sought-after partner in the wind energy industry.

By Neel Sheth, Wind Power Application Engineer Mersen | mersen Brushes play an important role in wind-power generators. A brush is an electrical conductor subject to friction. It works as a mechanical and ...

A common challenge in wind turbine generator maintenance is bearing failure due to static discharges and lightning strikes. White-etching cracks (WEC) and other kinds of damage caused by electrical discharge

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through the bearings lead to ...

Find reliable high-performance carbon brushes for motors and generators at Helwig Carbon. Made in the USA. Shop online or talk to an industry-leading expert. ... If the replacement brushes are made from a different grade of ...

Schunk brush holders for wind power stations ensure precise positioning of the carbon brush on the slip ring at all times, even under the toughest conditions. Integrated wear indication also ...

HiPerCon MFBs have been retrofitted to replace carbon brushes in field excitation slip rings in Navy submarine motor-generators and for power and data transfer slip ring systems. Retrofit brushes have been ...

Our carbon brushes and brush holder systems for generators and pitch systems, our reliable lightning protection and grounding systems, and our solutions for low-noise, abrasion-resistant azimuth brake pads are field-proven components ...

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ICP Wind will assist you in selecting the correct carbon brush for your specific application. We guarantee low brush wear and long service intervals. All carbon brushes are OEM approved by the most well-known generator manufacturers ...

In turbine generators and power plants, our materials do their work reliably and safely. The carbon and graphite materials we use combine good electrical and thermal conductivity with high ...

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