fully protected internal transducers specially designed cylinders, with permanent control of the technically advanced axis controller mounted, are placed inside the containing all necessary valves are mechanical load on the control, bringing about high-rugged package.

In addition to hydraulically controlled and actuated blade pitch systems to achieve highly dynamic multi-axis motion; servo drives with robust design and mechanical solutions include: DC drives with hydraulic braking systems are used as a parking brake for servicing, for slowing down to a halt safely and to maintain a constant speed when the turbine is stopped.

Braking systems

DC motors are an excellent choice for wind turbine applications due to their high efficiency and high reliability. Parker Hannifin offers a wide range of DC motors to meet the specific requirements of wind turbine applications.

For the end-user, benefits such as significantly reduced lead times and costs, Kan-Ban, Kitting and Pre-assembly, globally on-site service teams can be quickly deployed to the customer’s site, globally advanced technology.

Parker advantages

• Extended warranty
• Time-saving kitting
• Full line of filters
• Polymer and PTFE bushings
• Fully pre-assembled components

Wind Turbines

Dedicated Products and Solutions

For many years, Parker Hannifin has been a leading supplier of hydraulic products to the wind turbine industry, with a strong focus on the research and development of advanced technology. Today, Parker is one of the world’s leading wind turbine specialists working with Europe’s leading wind power manufacturers to supply the wind turbine industry, with a complete product range, including pumps, motors, valves, and control systems, as well as a full line of filters, polymer and PTFE bushings, and fully pre-assembled components.

Parker Hannifin is proud to offer a comprehensive range of products and solutions for wind turbine applications, providing customers with the highest level of performance, reliability, and cost-effectiveness. Whether you require hydraulic systems, electrical products, or a complete system solution for your wind turbine project, Parker Hannifin has the expertise and experience to deliver.

Engineering your success.
A broad range of sensors and adaptors is available in our SensoControl® system. Parker's diagnostic equipment can identify hard-to-detect variations in pressure, temperature and flow quickly and easily. Parker's complete range of hydraulic filters, lube filters and reservoir accessories, Parker filtration technology extends the life and increases the reliability of equipment, and allows for longer, lower cost operation. Specialised cylinders are available. Parker's diagnostic equipment can identify hard-to-detect variations in pressure, temperature and flow quickly and easily.

In the event of e.g. grid loss, the rotor pitch during normal operation. Parker's diagnostic equipment can identify hard-to-detect variations in pressure, temperature and flow quickly and easily.

A complete range of quick couplings, Parker's diagnostic equipment can identify hard-to-detect variations in pressure, temperature and flow quickly and easily. Parker's diagnostic equipment can identify hard-to-detect variations in pressure, temperature and flow quickly and easily.

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