As wind power continues to establish a position as a viable alternative energy source, the demand for all types of wind turbines is increasing. Small and mid-size turbine manufacturers face a unique set of challenges in reliability, safety, and maintainability.

Eaton is proud to have been amongst the first of the pioneering industrial companies who have supported this market over many years. It’s this history, deep application insight, and confidence to push forward that has provided and continues to enable us to provide truly reliable and easy to maintain products and solutions.

And, with locations nearly everywhere, the solutions to your needs are right at your fingertips.

Hydrostatic drive train and electrical solutions for mid- and small-scale wind

Eaton’s mid- and small-scale wind turbine solutions include a hydrostatic drive train and electrical distribution products

Eaton’s hydrostatic solution allocates 90% of the equipment to be installed at the base of the tower. For mid- and small wind installations, Eaton’s hydrostatic drive solution offers easier and lower cost installation by making the nacelle as light as possible and virtually maintenance-free. In addition, Eaton’s low voltage electrical solutions allow you to use pre-configured components with plug-and-play versatility.

Hydrostatic Drive Train
• Hydraulic piston motors
• Hydraulic pumps
• Valves and hoses

Electrical Products
• Low voltage vacuum contactors
• Capacitors
• Circuit breakers
• Metering and monitoring

Reliable power from the ground up

EATON
Powering Business Worldwide
Eaton’s hydrostatic drive train solution has been designed with your needs in mind. By locating 90% of the equipment at the base of the turbine, our solution offers 50% less installation cost and reduces the nacelle weight dramatically (resulting in increased efficiency and safety).

This solution features hydraulic piston motors, axial-piston pumps, control valves, and leak-free hoses and fittings to combine reliable performance with smooth control in virtually any environment. Eaton’s hydrostatic drive train concept and solution lowers operating and maintenance costs with ease of access to critical components.

Eaton offers a broad range of low voltage components that allow pre-configured options with plug and play versatility making it effortless to build your custom solution.

A broad range of low voltage vacuum contactors, circuit breakers, power correction capacitor systems, sensors, and Power Xpert metering and monitoring are combined to provide leading power distribution and quality management. With remote metering and monitoring, you can better track and manage the performance of your equipment.