

WIND  
TURBINE

PROVIDING DEDICATED  
**PRODUCTS & SOLUTIONS**  
FOR  
**WIND TURBINES**

**ZEMARC** has been and continues to be a major supplier of systems world wide. We bring years of technology, service and engineering to help you harness wind power.

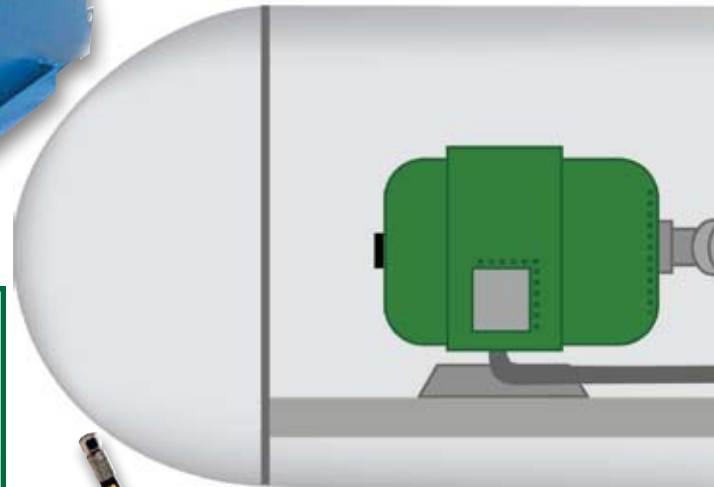
## SYSTEM

ZEMARC has developed and supplied wind turbine hydraulic systems with quality components, known world wide, such as Parker. Our engineering team has combined the best that Parker has to offer, to insure reliability, durability, and maintainability.



## QUICK DISCONNECTS

We offer a full line of Parker stainless steel quick disconnects for ease of maintenance.



## HYDRAULIC FITTINGS AND HOSES

Being a Parker distribution center we offer hoses that are UV resistant, maximum flexibility, hoses that are made to meet or exceed ISO and EN specification.

## PARTICLE COUNTER

Parker's Icount Particle Detector is the most up-to-date technology in solid particle detection. The design dynamics, attention to detail, and small size of the permanently mounted, on-line particle detector brings a truly innovative product to all industry.



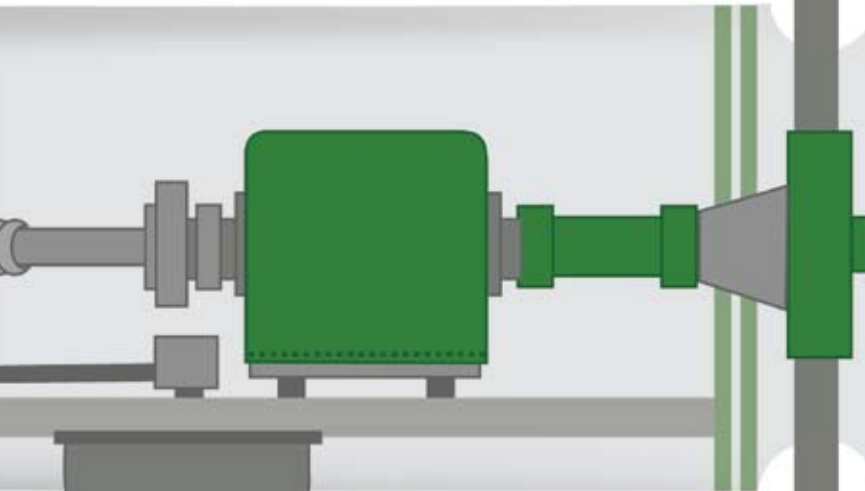


## BRAKING SYSTEM

ZEMARC sells and supports Parker's system in the wind turbine industry. These systems are used for servicing, and slow deceleration to insure a safe and reliable halt of the blades.

## ACCUMULATOR

With ZEMARC being the front runner in accumulator technology we continue to design and manufacture our own special accumulators world wide. We also offer Parker accumulators for their diverse capabilities.



## FILTRATION

ZEMARC sells and supports Parker's filtration and monitoring systems that insure years of long life and reliability, where down time is costly and time consuming.



## PITCH SYSTEM

We offer a dynamic pitch system with fully protected internal transducers; an integrated manifold with all necessary valves for optimum performance. Using high response control valves, will insure high accuracy of blade control and continuous control of any mechanical load on the blades.



With products, systems and value-added services, Zemarc helps keep your turbines up and running. Zemarc does this by offering you the best replacement parts for the Wind Turbine Pitch, Yaw and Breaking System. The collective parts offering and reliable service from Zemarc, it is easy to maintain your hydraulic components, power units and all bearings and drives.

***Zemarc Offers:***

- Expert repair services
- Field repair and installation service
- Complete test facility
- One-stop component sourcing
- System evaluations and installations
- Hydraulic power units
- Lubrication system analysis
- We offer full service and repair of hydraulic pumps, cylinders, and rotary actuators
- Exchange program available
- Hose assemblies
- Custom manifolds and filters

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