

Wind Turbine Repair Solutions



OEM Wind Turbine Platforms

- Siemens / Gamesa
- GE
- Vestas
- Mitsubishi
- Goldwind

Electronics

Products:

- Drives
- Inverters
- Power supplies
- UPS
- Anemometers
- HMI
- Encoders
- SKiiP modules

Quality Brands:

- ABB
- Semikron
- Siemens
- Keba
- GE
- FT Technologies



Hydraulics

Products:

- Proportional Valves
- Rotary Unions
- Radial & Axial Piston Pumps
- Power units
- Filtration
- Accumulators
- Yaw brake calipers

Quality Brands:

- Rexroth
- Moog
- AVN
- Duff- Norton
- Brembo
- Hydac
- Oaler
- Vickers



Mechanical

Products:

- Grease pumps
- Yaw brake motors
- Yaw gearbox
- AC/DC Motors
- Slip rings

Quality Brands:

- Lafert
- GE
- Bonfiglioli
- Lincoln
- VEM
- Wonder
- Swhartz
- ABB



- No charge evaluations
- 12 month in-service warranty
- Expedite services available
- Upgraded component renovations
- Detailed repair reports
- OEM replacement parts
- Customer Web portal
- Factory trained professional technicians

Wind Turbine Repair Program

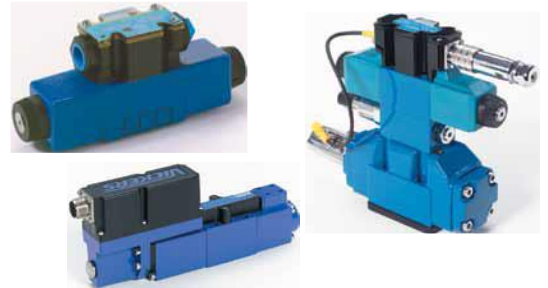
Repaired and Recalibrated Pitch Control Valves for Turbines

Paragon is now offering a pitch control valve repair program for Wind Turbine. The program will allow Wind Turbine to have a pitch control valve repaired on an as-needed basis or participate in an organized exchange program.

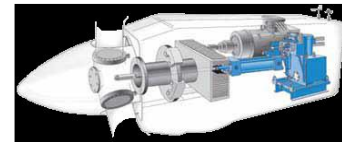
Reduce Your Costs 40-50% with Remanufactured Proportional Valves

With a Pitch Control Valve Exchange Program, we will supply a wind turbine with cleaned, repaired, and calibrated proportional valves when turbine maintenance is scheduled. We would then repair, recalibrate and inventory the pitch control valves that were removed from each wind turbine.

Paragon can provide repair on the pitch control valves found within most Wind Turbines. Participating in the exchange program will help lower your turbines maintenance costs.



Remanufactured pitch control valves will greatly reduce your maintenance costs. Learn about the repair program today.



Predefined Levels of Repair

Level 1 – Fixed charge by product family

Includes Test, Flush, Validate and Calibrate

Level 2 – Fixed charge by product family

Includes Clean, Inspect, Tear Down, Reassemble, Test and Calibrate

Level 3 – the Level 2 charge plus the cost for new components

Includes the Level 2 service plus replacement of parts to achieve "New Unit" performance

Program Highlights

- Specializing in the repair of Vickers, Rexroth, Hytos, Denison, Parker, and many more.
- Each unit is 100% tested to ORIGINAL Manufacturer's specifications.
- Detailed failure analysis available on request
- 2 to 3 day standard turnaround on clean & repair – with expedited service available.
- Full one (1) year warranty on parts and workmanship.

If you have interest in the program, Paragon has Service Centers located throughout North America that can provide local support and answer any questions that you might have.

Contact Paragon Atlantic Facility --- Our primary Wind Energy Service Hub



Paragon Great Lakes
5775 Ten Mile Road
Warren, MI 48091
800-229-5350

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Henderson, NV 89011
800-229-5350

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