COMPREHENSIVE GLOBAL AFTERMARKET SERVICE AND SUPPORT SOLUTIONS

Services, Repairs, and Spares for the Global Power Generation and Processing Industries



TURBOMACHINERY CONTROL EXPERTS

Turbines | Compressors | Safety | Actuation

WOODWARD

LEADING EDGE TECHNOLOGY

WE LEAD THE WAY IN THE MANUFACTURING AND SERVICING OF OUR EQUIPMENT FOR INDUSTRIAL, MARINE, AND OFFSHORE APPLICATIONS.

Woodward designs and manufactures energy control systems, valves, and actuators for gas turbines, steam turbines, and compressors used for the power generation and oil and gas processing industries, including nuclear and hydro electric.

Being one of the largest independent energy controls and optimization solutions providers in the world doesn't just come from selling more products. It derives from our 140 years of finely-honed experience, exacting standards, and innovative thinking. We constantly strive to outperform the most challenging demands in the diverse industry sectors we serve. It's about being a truly global player.

More than that, it's to do with seeing ourselves as a partner, rather than just an Original Equipment Manufacturer (OEM). We dedicate and drive ourselves to think long term and provide ongoing, comprehensive support that maximizes the operational life of our products and minimizes risk, downtime, and outlay for our customers.



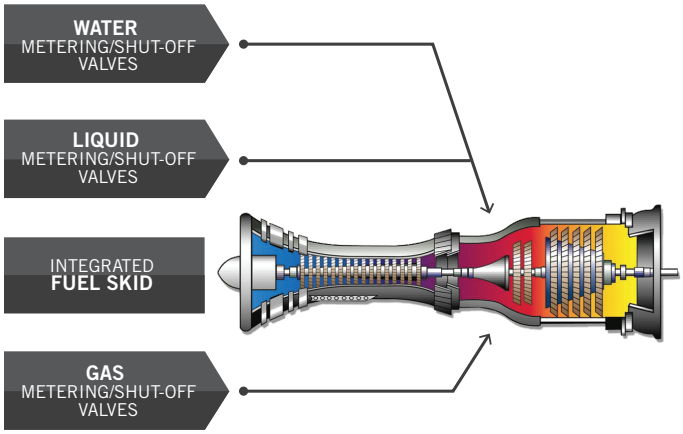
DLE (Dry Low Emissions) Gas Fuel Skid
Our integrated fuel skids are designed to meet the requirements of any turbine package. We can custom design, manufacture, and test a fuel metering system for any size gas turbine with up to five parallel metering paths for today's advanced combustion systems.

SUPPORT AND MAINTENANCE

Our manufacturing facilities are located in Fort Collins, Colorado; Rockford, Illinois; Greenville, South Carolina; Krakow, Poland; Zeeland, Michigan; and Tianjin, China.

Our aftermarket sales support, though, spans the globe, covering the Americas, Europe, the Middle East, the Far East, and Australia. Teams of highly qualified and experienced field service engineers operate out of our main facilities, with additional expertise available from our aftermarket repair facility in Loveland, Colorado and qualified Woodward Channel Partners.

Our aftermarket sales support is tailored specifically to service your requirements throughout the operating life of your equipment. From spares, to exchange stock, to repairs and overhauls, you can rely on Woodward to keep your turbomachinery energy control systems up and running.



Our philosophy that 'prevention is better than cure' helps you maximize the life of your equipment, minimize downtime, and prevent the inconvenience and cost of unplanned outages due to equipment failure.

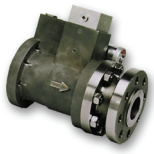
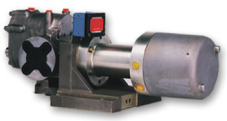
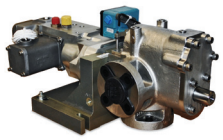
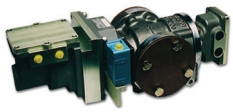
The best way to ensure the continuous operation of your turbomachinery equipment is with an ongoing maintenance program. A detailed analysis compares repair records of returned units, field data, and design criteria to determine the recommended servicing period. An overhaul of the valve should be completed when the unit reaches either the "Operating Hours" or "Years in Service" interval, whichever comes first.

When the time comes to service and overhaul your equipment, Woodward is ready to support you in a professional way, providing you quality service and original parts as can only be expected from our factory that built the valves originally.

OUR CERTIFIED REPAIR FACILITIES INCLUDE:

- Highly trained and certified technicians who rebuild your units to original factory quality
- Fully equipped assembly workshops with the right tools to disassemble, diagnose, clean, and remanufacture your valves
- State-of-the-art high flow systems to test, calibrate, and configure to the original product OEM specification designed for your turbomachinery

Contact your local Woodward authorized Channel Partner for a detailed site evaluation and valve history to determine the right aftermarket service solutions for your turbine application.

GAS METERING VALVES	SHUT-OFF VALVES	LIQUID METERING VALVES	WATER METERING VALVES	CONTROLLERS / DRIVERS
GS16 / GS6	GSOV25	LQ25	EML100 / 3151	DVP 24V e 125VR
				
GS16DR	USOV	LQ25BP / LQ25T	TM40 / 3151	DIGITAL / ANALOG DRIVERS (EM/LQ) / (GS/LQ)
				
3103 EM35MR / 3171	LSOV25	LQ50	EWMV	MicroNet Plus™
				

GLOBAL SUPPORT

Woodward's global support network and our partners provide an extensive range of technical and after-sales support services. This global presence allows us to respond quickly to the needs of our customers anywhere in the world. In today's complex control world, customers have come to recognize our people's expertise beyond the control system and depend on our global teams as critical plant support assets.

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CONTENT

For more information about Woodward and our Aftermarket Services, please call us direct, email or visit our website.
www.woodward.com/industrialrepairandoverhaul

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