

Western Integrated Technologies

MECHANICAL · FLUID POWER SYSTEMS · ELECTRICAL



Power-Gen Group

Serving Power Production Industries Worldwide

About WIT and the WIT Power-Gen Group

Western Integrated Technologies (WIT) is a world-class manufacturer and integrator of fluid power and electronic systems sold and installed throughout the world. Since 1969, WIT has been a full-line Parker Hannifin Hydraulic Systems Integrator and Distributor, supplying custom built power units, accumulators, cylinders, fittings, filtration, pumps, servo and proportional valves, remote system monitoring hardware and software and much more.



WIT is the only Parker authorized “Hydraulic Systems Integrator” in the Western United States. WIT received this distinction as the only distributor nationwide to be awarded all four “Parker authorized” designations shown below. For each of these categories, WIT must meet strict Parker requirements for the facility, engineering support, manufacturing, machining, employee training, customer support and inventory control.



WIT engineering and manufacturing personnel have many years of experience building hydraulic power units for gas and steam turbines, governor controls, gate and valve systems, lubrication systems and bearing lift systems. WIT has in-house machining capabilities with CNC machining centers incorporating state-of-the-art manufacturing practices for valve manifolds, governor adapter plates and power unit support products. With WIT installation crews available to install power units, flush the plumbing, startup and commission the system, WIT can provide end to end service.



WIT incorporates a multitude of Parker products in the manufacture of Power-Gen systems. The most popular Parker products are: simplex and duplex filtration, proportional and servo valves, pumps and hydraulic cylinders. Parker filtration is well known for portable offline filtration/cooling systems, oil contamination monitoring systems, transformer oil purification systems and water removal systems. WIT uses Parker cylinders (servomotors) exclusively, many of which are manufactured next door to WIT’s Portland facility. WIT can also custom fabricate cylinder mounting brackets for new installations or to retrofit existing locations.

WIT’s seven office locations throughout the Western United States have built a reputation for innovation in the fluid power industry, while providing our customers with technical expertise and exceptional customer support. WIT embraces the latest in technological advances in order to remain the best fluid power integration choice for our customers.

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Phone: 800.783.5843 • Fax: 503.228.7318
www.westernintech.com/powergen

WIT looks forward to the opportunity to help with your project by providing cost-effective support and solutions, as well as on-time delivery to meet your needs. WIT invites you to come and tour our new 45,000 square foot, engineering and manufacturing facility in Portland, Oregon.

What can WIT create for you?

Our engineering, design, and manufacturing services can provide you with:

Mechanical skids/assemblies for:

- Steam Turbine and Gas Turbine hydraulic power units
- Instrumentation panels, with valves and controls
- Argon, hydrogen and nitrogen gas rack control systems
- Bearing and gearbox lubrication
- Gate and valve operation (inlet and outlet)
- High pressure bearing lifts
- Turbine fuel control systems (coal, gas, oil)
- Turbine auxiliary systems hydraulic controls
- Accumulator systems with nitrogen bottle backup
- Transformer oil cooling and filtration systems/controls
- Offline oil purification and water removal systems
- Portable test or remote actuator hydraulic systems
- Complete electrical/electronic control systems

Manifold and valving assemblies for:

- Proportional or servo valve control systems
- Instrumentation and monitoring systems
- Governor distribution valve upgrades/replacement
- Parker filtration integration
- Reduce package size for space limitation problems
- Position components for better serviceability and maintenance
- Porting manifolds to eliminate inter-connection problems
- Aluminum (6061-T651), ductile iron and stainless steel designs



Hydraulic cylinder/servomotor assemblies for:

- Parker cylinders engineered for all applications and any requirement
- Cylinders integrated with valving manifold assemblies
- Self contained servomotor actuators with Parker valves and filtration
- Cylinder packages assembled, tested and preset for quick installation

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