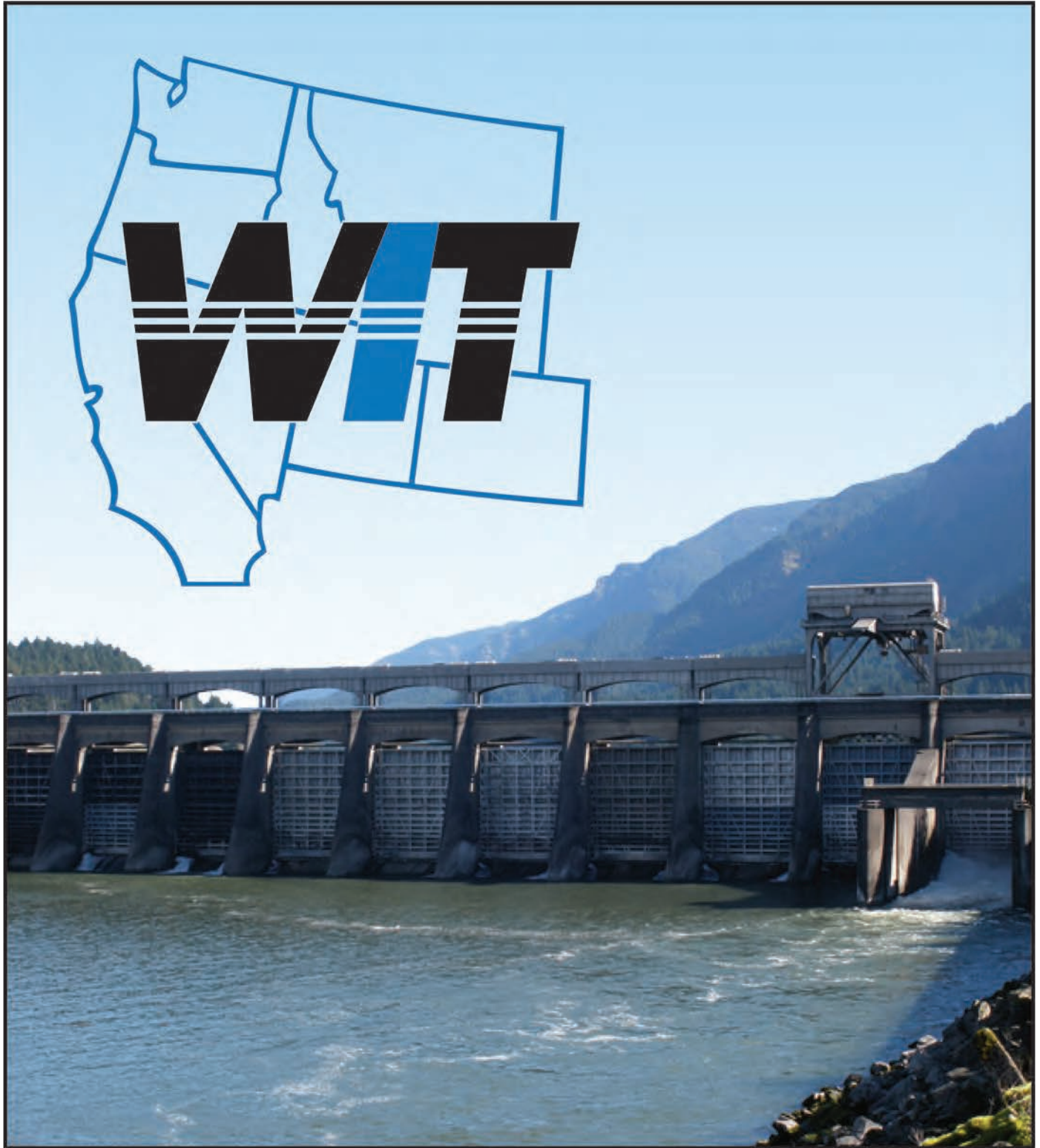


Western Integrated Technologies

MECHANICAL • FLUID POWER SYSTEMS • ELECTRICAL



PowerGen Group

Serving Power Production Industries Worldwide

About Us

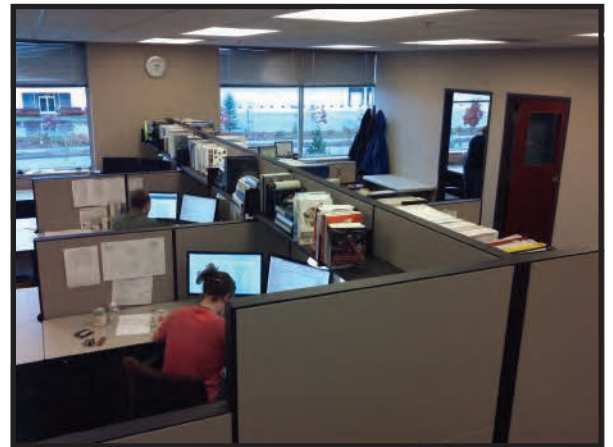


Western integrated Technologies (WIT) is a world-class manufacturer and integrator of fluid power and electronic systems sold and installed throughout the world. Since 1969, WIT has been a full line Parker Hannifin Hydraulic Systems Integrator and distributor, supplying custom built power units, accumulators, cylinders, fittings, filtration, pumps, servo and proportional valves, and 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 at the bottom of

the page. For each of these categories, WIT must meet strict Parker requirements for the facility, engineering support, manufacturing and machining capabilities, quality control, employee training, customer support, and inventory control.

WIT engineering and manufacturing personnel have many years of experience building hydraulic power units for gas, steam, and hydro turbines, governor controls, gate and valve systems, lube systems, and bearing lift systems. WIT has in-house machining capabilities with two 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, install and flush plumbing, startup and commission the system, WIT can provide beginning to end service.



WIT incorporates many Parker products in the manufacturing of PowerGen systems. The most popular Parker products are: simplex and duplex filtration, proportional and servo valves, accumulators, pumps, and hydraulic cylinders. Parker filtration is well known for portable offline oil purifiers, oil contamination monitoring systems,

transformer oil purifiers, and water removal systems. WIT uses Parker cylinders (servomotors) exclusively. WIT can also custom fabricate cylinder mounting brackets for new installations or to retrofit existing locations.

WIT's nine 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 technology, in order to remain your best fluid power integration choice.

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 45,000 square foot, engineering and manufacturing facility in Portland, Oregon.

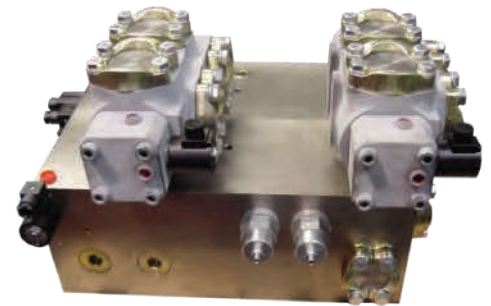
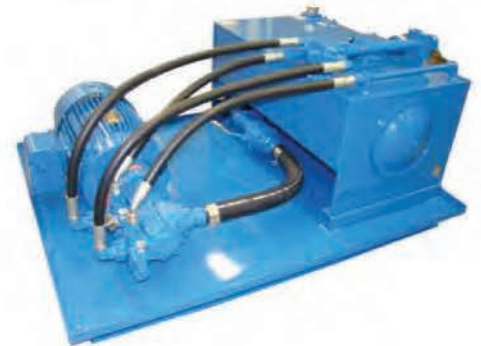


What can WIT build for you?

Our engineering and manufacturing services can provide you with:

Mechanical skids/assemblies

- Gas, steam, and hydro turbine hydraulic power units
- Instrumentation panels, with valves and controls
- Argon, hydrogen, and nitrogen gas rack control systems
- Bearing and gearbox lubrication systems
- Gate and valve operation (inlet and outlet)
- High pressure bearing lift systems
- Turbine fuel control systems (coal, gas, oil)
- Turbine auxiliary hydraulic control systems
- Stored energy accumulator systems
- 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

- Proportional or servo valve control systems
- Instrumentation and monitoring systems
- Governor distribution valve upgrades/replacement
- Parker filtration integration
- Reduced package size for space limitation problems
- Porting manifolds to eliminate interconnection problems
- Aluminum (6061-T651), ductile iron, and stainless steel designs



Hydraulic cylinder/servomotor assemblies

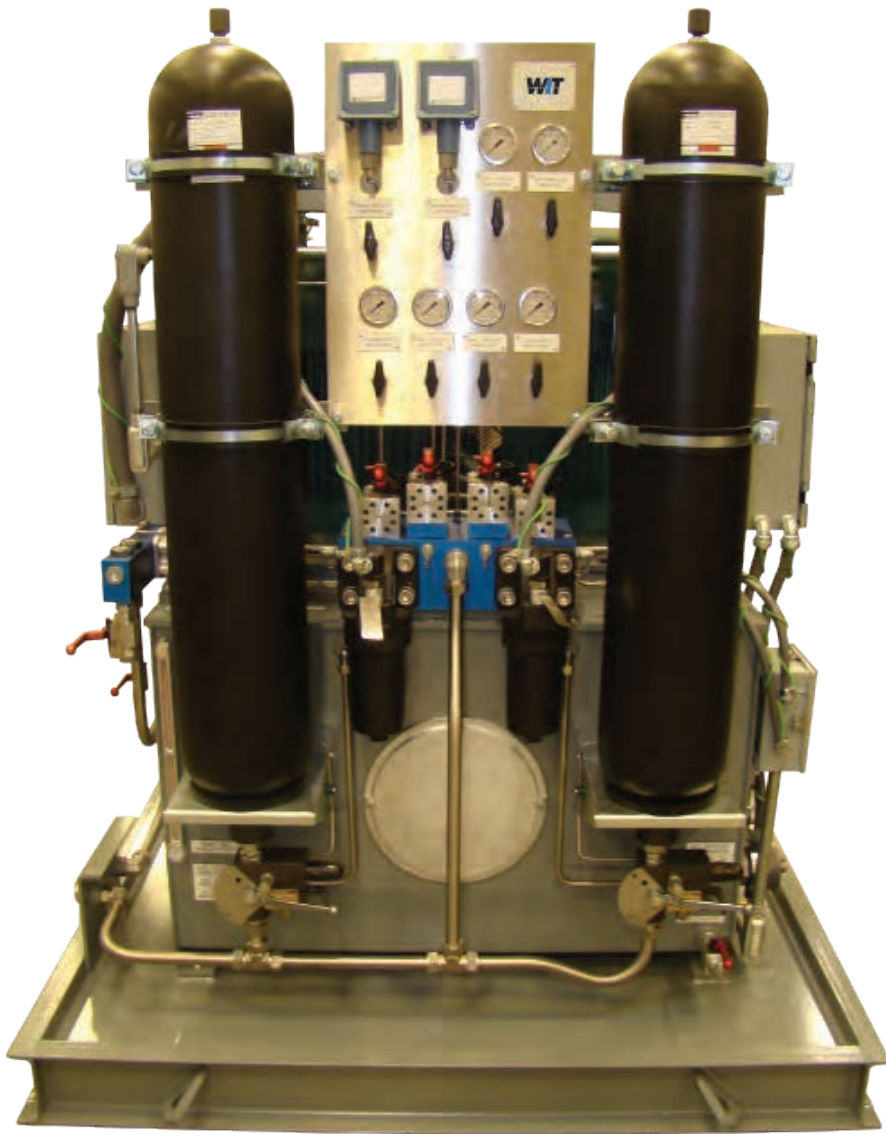
- Parker cylinders engineered for all applications and any requirement
- Cylinders with integrated valving manifold assemblies
- Cylinder packages assembled, tested, and preset for quick install

Other services

- Hydraulic fluid line installations
- Hydraulic fluid line flushing to national standards
- Startup and commissioning of hydraulic systems
- On site hydraulic training for operations personnel
- Hydraulic system service and troubleshooting



Contact Us



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