

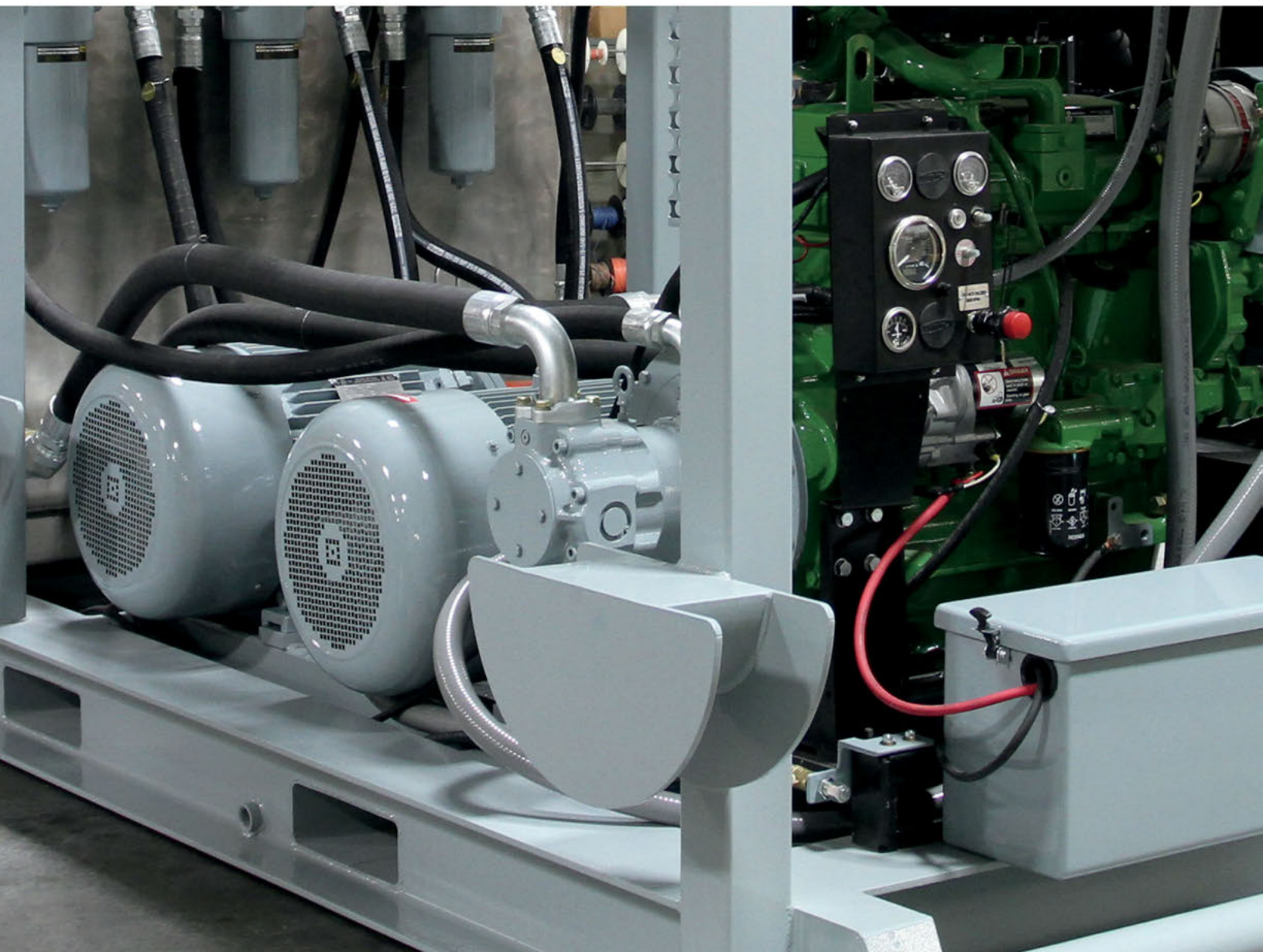
Aberdeen Dynamics

Motion & Control Solutions

power units
valve actuators
mobile hydraulic solutions
hoses & fittings
automation control systems
automotive & industrial winches

Hydraulic Power Units

heavy duty or industrial · mobile or stationary · standard or custom designed



Hydraulic Power Units from Aberdeen Dynamics

Aberdeen Dynamics offers a complete range of custom designed hydraulic power units ranging from small special purpose systems to large diesel engine powered hydraulic systems. Using cutting edge technology and top of the line components we offer a reliable and leak-free piping system in all of our units.

Overview

Hydraulic Power Units from Aberdeen Dynamics are designed, engineered and built for use in all kinds of environments, in configurations to fit available space, and to meet required specifications and standards. Attention is given to the choice of fittings, plumbing, clamping, filtration, fluid cooling, and other components to give the power unit a long, energy efficient, and leak-free life. You can count on Aberdeen's engineering, manufacturing, assembly, and quality control expertise to provide rugged and reliable hydraulic power solutions that withstand the most extreme environments and applications.

From simple industrial type units to highly sophisticated systems with or without systems integration, Aberdeen has the solution that fits your needs.

Features & Options:

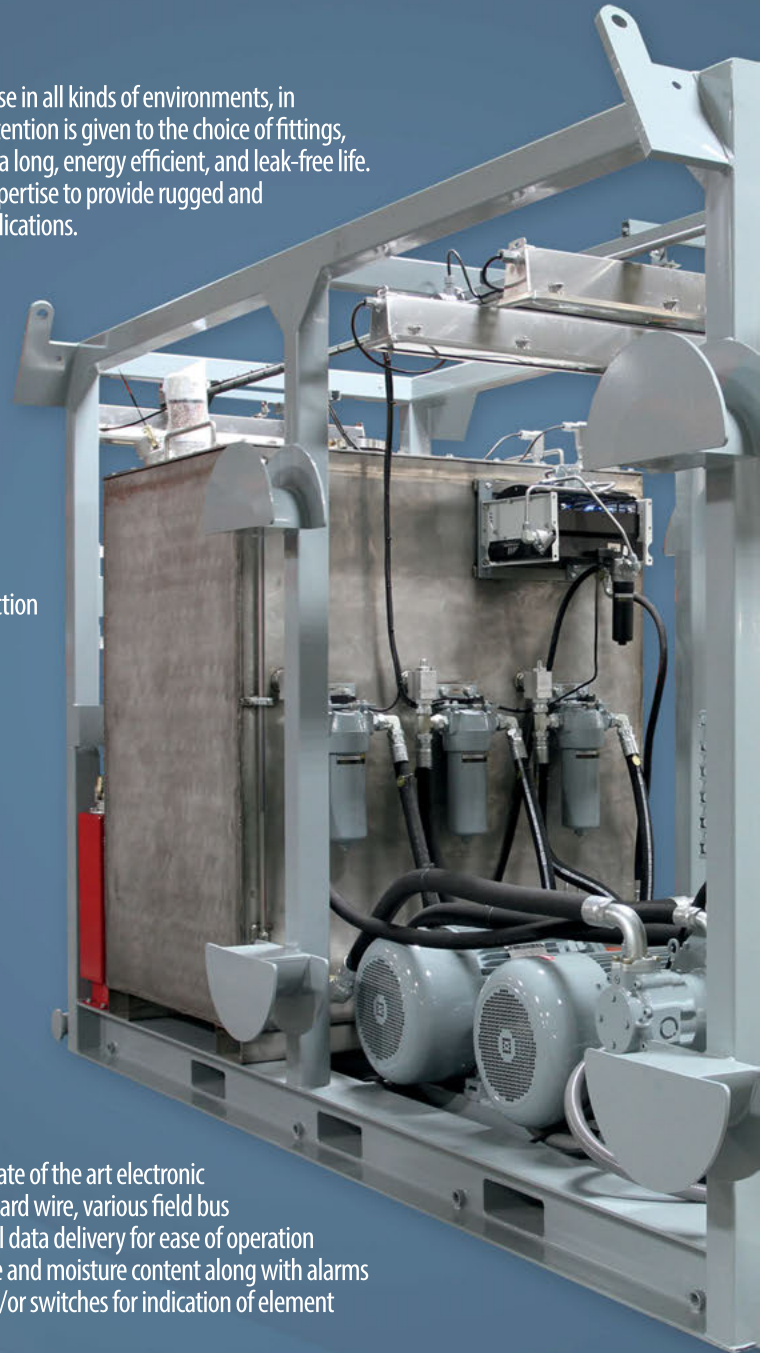
- Low to ultra-high operating pressures
- Custom skids
- Custom reservoirs
- 100% tested
- Single or multiple power sources
- Special construction materials
- Accumulator systems
- 3-D CAD and modeling
- Parker Connector Technology
- System alarms and indication options
- Standard or customer specified coatings
- Weather-proof or explosion-proof construction

Applications & Industries:

- Oil & Gas industry
- Mining industry
- Power industry
- Oilfield exploration
- Drilling Rigs
- Pipeline construction
- Valves & Pipeline Automation
- Construction equipment
- Mobile equipment
- Lift & conveyors systems
- Compactors
- Manufacturing machinery
- R&D test stands
- Hydraulic winch applications
- Material handling
- Positioning systems
- Tower erection equipment systems
- Service & production equipment

System Controls & Monitoring

Aberdeen Dynamics can provide hydraulic power units with manual control systems to state of the art electronic control systems. These control systems can be integrated with the customer's controls via hard wire, various field bus network protocols or wireless. They provide convenient system monitoring and operational data delivery for ease of operation and maintenance. Controls can include real-time fluid analysis for cleanliness, temperature and moisture content along with alarms and shutdown points. Filters can be fitted with indicators, differential pressure gauges and/or switches for indication of element condition.



Aberdeen Dynamics

Motion & Control Solutions

Versatile Custom Solutions

At Aberdeen, our engineers and designers have a proven record of engineering the right solution that balances effectiveness, reliability, usability, and value. We take the time to understand your application, and design and build a custom hydraulic power unit solution that meets your exact requirements and exceeds your expectations. Combining decades of fluid power expertise, industry-leading manufacturing partners, and premier service, Aberdeen Dynamics is the one to turn for all of your hydraulic power needs.

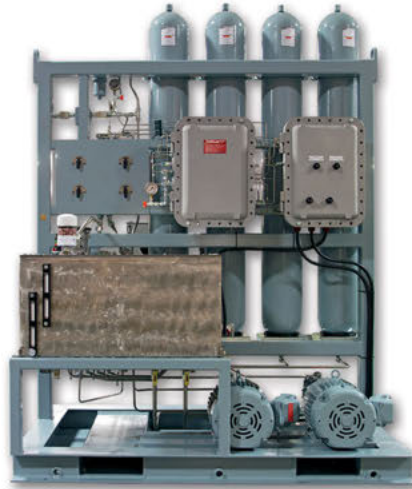
Industrial Hydraulic Power Units

Aberdeen Dynamics offers a complete line of hydraulic power units ideal for all demanding industrial applications requiring low to high fluid volume and flow rates. Our units are based on a modular design concept for consistency, high value and quick delivery.



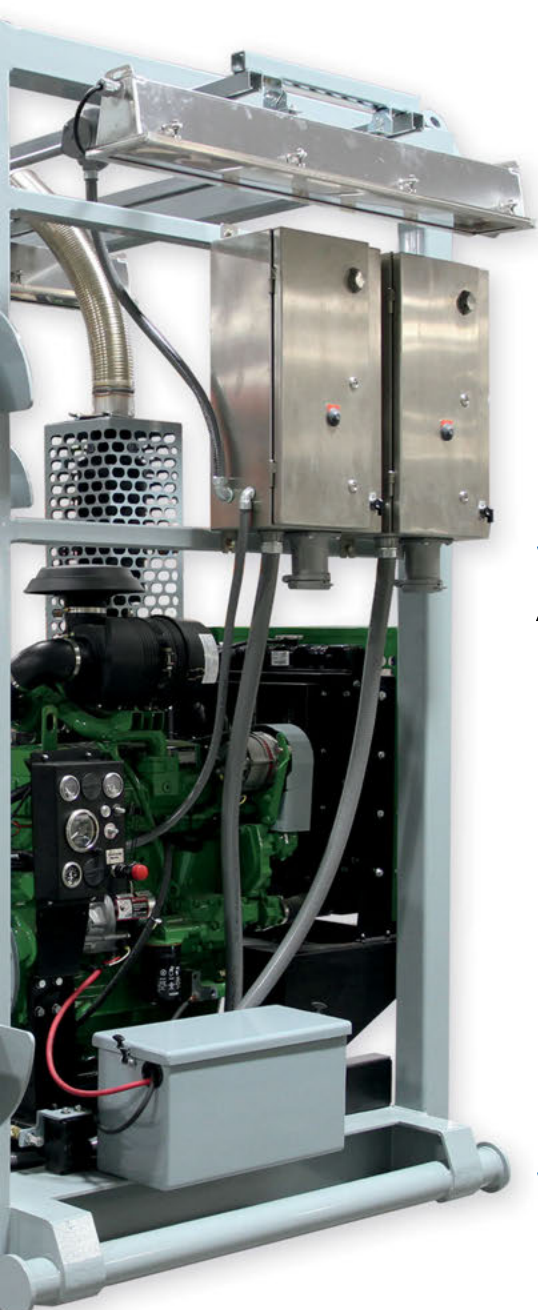
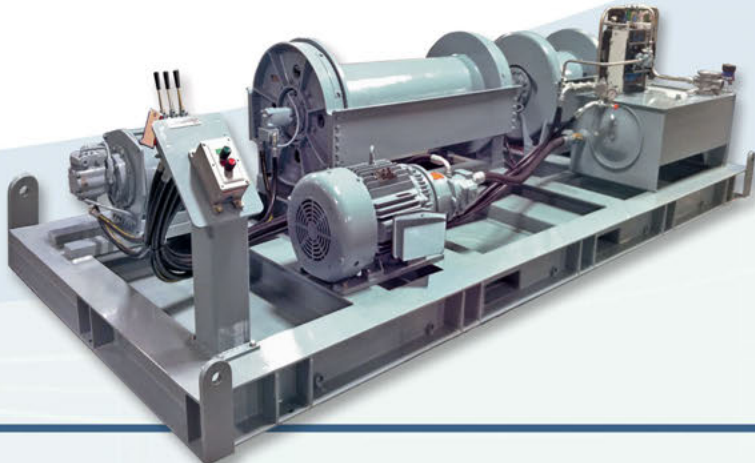
Valve Automation Solutions

Aberdeen Dynamics offers a complete solution for those special applications when a hydraulic power unit is needed for the automation of a single or multiple valves.



Winch Automation Solutions

Aberdeen Dynamics offers a complete system solution for your hoisting or recovery winch applications.



About Aberdeen

Philosophy

At Aberdeen, our mission is to enhance your competitiveness, today and into the future.

We will accomplish this by providing you with leading edge technology and design assistance, backed by quality products, value pricing, and premier service that will exceed your expectations.

Our goal is to supply you with your correct parts in a timely manner and to help you quickly resolve any application issues that may arise. We achieve this with a large inventory, experienced personnel, and the full support of the manufacturers we represent.

We understand you have many choices and hope you will give us an opportunity to earn your business.

History

At its inception in 1973, Aberdeen Dynamics sought only to provide local technical expertise in the application of fluid power components. Over the years, this has grown to include complete system integration, fabrication, and support for the energy, industrial, power generation, and construction markets.

Today, the original fluid power product lines are complemented with electronic controls, electromechanical components, and a full range of sensors, keeping Aberdeen on the leading edge of this new and exciting motion control technology.

People

Parts, components, systems, and service are only as good as the people providing them. Aberdeen Dynamics is a *100% employee owned company*, and that means our hearts are in our work. You will be working with friendly professionals who have years of experience in providing solutions to your problems, and a vested interest in your success.

Factory training is ongoing, and many of our staff are factory certified in addition to having college degrees in engineering or fluid power. That's the Aberdeen difference: people who have the attitude and the ability to understand your priorities.

Valve Actuator Solutions

Custom hydraulic powered rotary and linear actuator systems from Aberdeen are available for all types of valves and other rotary and linear loads. These actuators can be provided with a central hydraulic power unit to operate one or multiple actuators, or as a self-contained electrohydraulic actuator where the hydraulic power supply and the actuator are a single unit.



Automotive & Industrial Winches

Aberdeen Dynamics is your total source solutions provider of winches and hoists from top manufacturers. Our wide range of industrial, utility, recovery, towing, personnel lifting and custom products provide extreme duty, reliability, and value for virtually any lifting or pulling application.



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