Hydraulic System Design, Manufacturing and Installation.

Mobile Hydraulic Design, Motion Controls and Automation.

Custom Motion Controls, PLC Logic and User Interfaces.

Component and System Repair, Testing and Field Services.

Hydraulic Filtration Systems, Rental and Fluid Testing.

Emergency Vehicles
Construction Equipment
Dredging Equipment
Stage and Theater Entertainment
High Speed Ship Steering
Dredging Equipment
Small Vessel Stability
Off-Shore Stationary Platforms
Hydraulic Winch Applications

Industrial
Press and Forming Machinery
Metal Casting and Forging
Plastic Injection and Molding
Pick-and-Piece Equipment
Food Processing
Stage and Theater Entertainment
Pumps, Pumps and Lumber

Power Generation
Steam and Gas Actuators
Process Control Valves
Wind Turbine Controls
Varnish Removal and Prevention
Fuel Contamination Control

Press and Forming Machinery
Metal Casting and Forging
Plastic Injection and Molding
Pick-and-Piece Equipment
Food Processing
Stage and Theater Entertainment
Pumps, Pumps and Lumber

Mobile and Industrial Valves
Since 1985, Advanced Fluid Systems has been refurbishing and testing hydraulic and pneumatic valves to the manufacturer’s specifications for a fraction of the cost of a new valve.

We also repair:
Complete Hydraulic Systems
DIN Cavity Valves
Accumulators
Gear Boxes
PTO Drives
Hydraulic Winches and more...

Hydraulic Repair Services
...Friendly, Professional Service from an Engineering Company.

Please include your name, company name, phone number and other contact information with your shipment, as well as, why you are sending it in for repair.

Ship Items for Repair to:
Advanced Fluid Systems, Inc.
Attn: Repair Department
245 Campbell Rd.
York, PA 17402

717-757-1068  Phone
717-757-4915  Fax
repair@advancedfluidsystems.com

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Advanced Fluid Systems, Inc
Fluid Power & Motion Control Solutions

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Mobile Hydraulic Design, Motion Controls and Automation.
Custom Motion Controls, PLC Logic and User Interfaces.
Component and System Repair, Testing and Field Services.
Hydraulic Filtration Systems, Rental and Fluid Testing.
Hydraulic System and Motion Control Solutions

...The power of fluid with the precision of electronics.

For over 30 years, Advanced Fluid Systems has been designing and manufacturing custom hydraulic power units and controls at its York, PA facility. Our focus has always been on working with you as a partner to develop a solution that meets or exceeds your expectations.

- Suitable hydraulic systems can be tailored from compact portable units to high flow, high pressure multi-pump designs.
- PLC Design, programming, and I/O from custom systems integrated into your hydraulic system and application.
- Customized electric drives and variable frequency drives systems ensuring flexibility and energy savings.
- Robust and reliable components integrated into your hydraulic system and application.
- Pressure compensation, load sensing and other control options.
- Diaphragm and electro-proportional control valves that permit manual and electro-proportional control to allow precise control including load sharing, position sensing, and more while minimizing size, weight and costs.
- Diagnostic ports, face mounted valves, and more while ensuring maximum safety and reliability.
- Multi-axis joystick, LCD touch screen and radio remote user interfaces seamlessly incorporated into your application.
- Custom Modular Combining integrated cartridge valves, diagnostic ports, face mounted valves, and more while reducing size, weight and costs.
- CANopen, CANopen, ROSH, EtherCAT and other network interfaces seamlessly incorporated into your application.
- Electronic and/or hydraulically operated joystick controls that allow full manual, proportional movement for all environments.
- Technological motion control interface for existing systems with thousands of I/O points, Advanced Fluid Systems is one of the few hydraulic, design and manufacturing companies creating flexibility and energy savings.
- Closed loop motion profiles including force, pressure, velocity, position and performance of your hydraulic system and application.
- Drive andmulti-axis motion controls with keypad or joystick interfaces specific to you and your application.
- Contact us to learn more.

Motion Control Design and Integration

• Programmable motion systems and controls designed and engineered by in-house engineering.
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Solutions for Mobile Applications

...Hydraulic Design, Motion Controls and Installation.

Hydraulic System Engineering, Design and Manufacturing

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