



**ASI HYDRAULICS**  
**CUSTOM SYSTEMS**

## Fluid Power Engineering Solutions

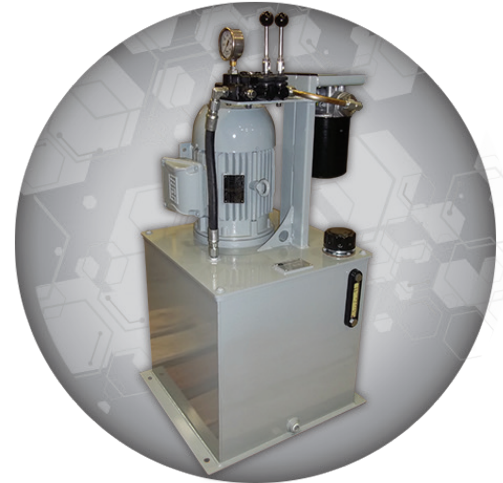
ASI Hydraulics, a division of Dakota Fluid Power, Inc. is an original equipment manufacturer (OEM) based in Lake City, MN. We engineer, build and test complete fluid power systems. Whether you're designing a completely new system or redesigning an existing system, ASI Hydraulics can assist you from concept design to setting up your maintenance program.

- Custom Power Unit Fabrication
- Upgrades and Refurbishing
- Lubrication and Filtration Systems
- Systems Design and Engineering
- Custom Valve Panels
- Electrical and Wireless Controls



## Typical Hydraulic Units

- Industrial Units
- Mobile Units
- Gas Units
- Diesel Units
- Electric Units
- Lubrication & Filtration Units
- Cooling Units
- Stainless Steel Washdown



## Quality Products

Every ASI hydraulic unit is assembled step by step according to our proven assembly checklist to assure you of proper assembly and quality control of each step. As a final step, the unit is functionally tested at full pressure, full volume with actual external loads to assure you that the circuit and components are functioning properly.





## Design & Engineering Services

All ASI hydraulic units are designed and fabricated to exact engineering standards that have been developed and refined.

You are assured of a properly designed unit, not “shop engineered.” Our design and engineering staff provide complete integration. At ASI, we can assist you with systems design, engineering support, prototype development, on-site startup, testing, and troubleshooting.

- Custom engineered system design
- Replacement or upgrading existing units
- Turnkey system capabilities
- In-house system run-off of every unit
- Installations and Startups
- Schematics, B.O.M.s, Startup & Maintenance documentation



## Custom Mfg. & Optimum Components

Many of the units we manufacture are designed to be unique to the customer by having the metal working capability in house. ASI can fabricate any custom reservoir, enclosure or structure needed. ASI goes beyond the “off the shelf” unit and provides solutions that truly fit your needs.

ASI works with all types of materials from aluminum, stainless steel to carbon steel. Many different paint colors and powder coating options are available.

ASI manufactures systems selecting the best components for each application, while also utilizing customer input for preferences of brands and models, determined by factory lead times, budget and commonality with customer's existing equipment. Our units are designed and manufactured for years of efficient, trouble-free operation.

## Contact Us:

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## Markets We Serve:

- Pulp and Paper, Forest Products
- Power Generation
- Surface, Underground, Precious Metals and Coal Mining
- Food Processing / Packing Plants
- Injection Molding
- Oil, Gas and Petroleum Refining
- Chemical Processing
- Agriculture
- U.S. Government, Military
- Construction
- Railroad
- Industrial and Automotive Manufacturing

