Your Complete Source for Mobile Technology

Design and Engineering Services

Hydraulics

Manufacturing Solutions

Valve Packages

Field Installation and Training

Logistics Support

Electronic Controls

Mobile Hydraulics • Gear Drives • Electro-Hydraulics • Valve Packages • Cooling Systems
**Design and Engineering Services**
The SunSource Advantage offers our Mobile OEM partners assistance throughout the new machine design cycle: initial concept to “proof-of-principle” testing, prototype testing to preproduction, and customer training at machine introduction. Our Mobile Engineering Center has an ISO 9001:2000 compliant system in place which ensures consistent design standards.

- Statement of work to ensure thorough design and review process
- Complete system design, including 3D modeling
- Full system integration to ensure component compatibility
- Prototypes with data acquisition via Somat testing
- Field installation and Customer Training

**Productivity Solutions**
To improve productivity and reduce costs, our Field Service Engineers provide continuous evaluation of all OEM functional areas. Their knowledge of propel, work, and steering functions enable SunSource to provide cost effective solutions.

- Manufactured and tested subassemblies
- Point of use delivery
- Customized modular design
- Kitting
- System retrofits to electro-hydraulic solutions

**Supply Chain Optimization**
SunSource recognizes the need of Mobile OEMs to reduce operating costs through improved supply chain management. Through SunSource, you can buy a broad array of components from a single source – meeting your objectives for high-quality products while reducing costs through a streamlined supply chain.

- Single point of contact for sourcing products from over 300 quality manufacturers
- Component standardization
- Electronic Data Interchange and summary billing
- Forecasting support and solutions for unplanned demand
- Local inventories

**Value-Added Services**
The SunSource Advantage continues to look at all your business processes to provide the services needed to increase productivity and lower manufacturing costs. Our resources and commitment to service can answer your most challenging business needs.

- Logistics for aftermarket parts
- Remanufacturing programs
- Private labeling for the aftermarket
- Barcoding and special packaging
- Aftermarket service from our nationwide network of repair centers

---

**Put the SunSource Advantage to Work for You!**
SunSource is North America’s largest distributor of fluid power and motion control systems, with a wide array of technical resources to ensure optimum design. Our associates are experienced in open and closed loop hydraulic systems, as well as the integration of electronics, and microprocessor based systems that provide a unique advantage in the marketplace.

This is what our customers know as the SunSource Advantage, a real, competitive advantage for our Mobile OEM partners!

---

**Get to Know the Mobile Team**
SunSource has been a leader in mobile fluid power distribution for more than 70 years.

**The Mobile OEM Headquarters is located in Savage, Minnesota. The complex has over 70,000 square feet and houses the design group, customer service department, fabrication facilities, a mobile service and repair center.**

**The Savage, MN facility is operated by over 75 highly trained SunSource associates ready to serve your mobile fluid power needs.**
SunSource is uniquely qualified to offer complete electro-hydraulic solutions for your mobile equipment

- Highly experienced in the integration of hydraulics and electronics
- Customized software to meet your demanding application guidelines
- Precise control of entire machine
- Systems can include
  - CAN based microprocessors
  - Color or B&W displays
  - Joysticks
  - Accessories

Look to SunSource for recommendations for your engine cooling, charge air cooling, and hydraulic system cooling needs.

- Engine cooling to meet the rigid emission standards for off-highway machines
- SunSource can provide a wide range of products to meet your machine cooling needs
- Systems can include
  - Engine cooling
  - Charge air cooling
  - Hydraulic system cooling

Trust the Experts
The SunSource Advantage comes with the knowledge that you are working with the finest group of Fluid Power Professionals in the business. Our vast product line allows us to match the right efficient system possible. Whether you are working with “Closed Loop” or “Open Loop” hydraulic systems, electronic control systems, or gear drive systems, you can rely on SunSource to provide...
Trust the Experts

The SunSource Advantage comes with the knowledge that you are working with the finest group of Fluid Power Professionals in the business. Our vast product line allows us to match the right product to the application so that you will have the most reliable, efficient system possible. Whether you are working with "Closed Loop" or "Open Loop" hydraulic systems, electronic control systems, or gear drive systems, you can rely on SunSource to provide you with the correct product for the application.

Mobile Hydraulics • Gear Drives • Electro-Hydraulics • Valve Packages • Cooling Systems

SunSource can provide numerous options when it comes to developing a valving arrangement to meet your requirements.

- Comprehensive source for custom valve packages and mobile stack Valve assemblies
  - Custom valve packages
  - Mobile stack valves
  - Mono-block valves
  - Load sense valves

- Dependable source for custom, pre-cleaned reservoir assemblies

SunSource Hydraulic Service & Repair centers offer our mobile partners a nationwide service and repair network.

- The network consists of 20 strategically located repair centers
- OEM remanufactured programs to help you capture your lucrative aftermarket business
### Mobile Hydraulics

<table>
<thead>
<tr>
<th>Category</th>
<th>Manufacturers</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ACCUMULATORS</td>
<td>Accumulators Inc., Nacol, Parker (Greer)</td>
</tr>
<tr>
<td>+ BALL VALVES</td>
<td>DMIC, Dynamic, Lance, Snap-Tite, Stauff</td>
</tr>
<tr>
<td>+ BRAKES &amp; CLUTCHES</td>
<td>Ausco, Fairfield, Poclain</td>
</tr>
<tr>
<td>+ CABLE &amp; HYDRAULIC REMOTE CONTROLS</td>
<td>Adeco, Cablecraft, Husco, Nordhydraulics</td>
</tr>
<tr>
<td>+ CARTRIDGE VALVES &amp; MANIFOLDS</td>
<td>Bucher, Command Controls, Danfoss (Compact Controls), Danfoss (Fluid Controls), Danfoss (Waterman), Daman, Hydraulic Logic Controls, Parker (Waterman), Saier-Danfoss, Source Fluid Power, Parker (Sterling), SunSource Custom Valve Packages, Vonberg</td>
</tr>
<tr>
<td>+ CYLINDERS &amp; ACTUATORS</td>
<td>Cross, Custom Actuator Products, Flo-Tork, Hyco, Monarch Industries, Parker (Atlas), Prince</td>
</tr>
<tr>
<td>+ DC &amp; ENGINE DRIVEN POWER UNITS</td>
<td>Bucher, Concentric, KTI, SPX (Fenner), SunSource</td>
</tr>
<tr>
<td>+ DIRECTIONAL CONTROL VALVES</td>
<td>AMCA, Danfoss, Husco, Hytos, Nachi, Nordhydraulics, Parker (Waterman), Prince, Saier-Danfoss</td>
</tr>
<tr>
<td>+ ELECTRONIC CONTROLS &amp; MICROPROCESSORS</td>
<td>Danfoss, Enrange, High Country Tek, NBB Radio Controls, OEM Controls, P.O. Controls, Remtron, Saier-Danfoss, STW</td>
</tr>
<tr>
<td>+ FILTRATION</td>
<td>Argo, Donaldson, Marion, Parker (Arlon), Schroeder, Zinga</td>
</tr>
<tr>
<td>+ GAS SPRINGS &amp; SHOCKS</td>
<td>Firestone, Suspa, Suma, Toptech, Vickers</td>
</tr>
<tr>
<td>+ GAUGES, METERS &amp; SWITCHES</td>
<td>Artisan, Dynamic, Hedland, Hobbs, Lake, Marsh, Marshalltown, Nason, PDI, Wika</td>
</tr>
<tr>
<td>+ GEAR PUMPS &amp; MOTORS</td>
<td>Casappa, Cross, Concentric (Haldex), Metaris, Parker (Commercial), Permco, Prince, Quality Control Corp., Saier-Danfoss, Turolla</td>
</tr>
<tr>
<td>+ GEARBOXES, AXLES &amp; TRANSAXLES</td>
<td>Bonfiglioli, Breveni, Fairfield, Hydrogear, Prince</td>
</tr>
<tr>
<td>+ GEROTOR &amp; GEROLER MOTORS</td>
<td>Danfoss, Saier-Danfoss</td>
</tr>
<tr>
<td>+ HOSE, FITTINGS &amp; QUICK DISCONNECTS</td>
<td>Anchor, Eaton (Aeroxquip), Hansen, Hyda-Tool, Main, Parker (Dayco), Snap-Tite, Tompkins</td>
</tr>
<tr>
<td>+ HOSE &amp; PIPE CLAMPS</td>
<td>Behrend, Hydra-Craft, Hydra-Zorb, Stauff</td>
</tr>
<tr>
<td>+ LUBRICATION COMPONENTS</td>
<td>Dripsa, Farval</td>
</tr>
<tr>
<td>+ OIL COOLERS &amp; FANS</td>
<td>American Industrial, Blissfield, Honeywell (Hayden), Revcor, Rocore, Thermal Transfer Products</td>
</tr>
<tr>
<td>+ PISTON MOTORS</td>
<td>Danfoss, Dynex, Kawasaki, Linde, Poclain, Rotary Power, SAI, Saier-Danfoss, SunFab</td>
</tr>
<tr>
<td>+ PISTON PUMPS</td>
<td>Danfoss, Dynex, Hartmann Controls, Hydrogear, Linde, Metaris, Saier-Danfoss, SunFab</td>
</tr>
<tr>
<td>+ FILTERS &amp; TANK ACCESSORIES</td>
<td>Approve Purification, Falls Fabricating, Flow-Ezy, Hydro-Craft, Lube Devices, SunSource Custom Reservoirs, Vescor, Zinga</td>
</tr>
<tr>
<td>+ SEATS &amp; CABS</td>
<td>Custom Products, Grammer</td>
</tr>
<tr>
<td>+ SENSORS &amp; ELECTRICAL COMPONENTS</td>
<td>Balluff, Danaher, Danfoss, High Country Tek, Saier-Danfoss, Unlimited Services</td>
</tr>
<tr>
<td>+ STEERING COMPONENTS</td>
<td>Burnsvoice Sales &amp; Mfg., Danfoss, Kelch, Saier-Danfoss</td>
</tr>
<tr>
<td>+ VANE PUMPS &amp; MOTORS</td>
<td>Dynamic Oil, Dynex, Metaris, TWG, Velian</td>
</tr>
<tr>
<td>+ WINCHES &amp; ACTUATORS</td>
<td>Braden, Lantec</td>
</tr>
</tbody>
</table>

*All manufacturers not available in all areas. See your SunSource representative.*
The company behind the SunSource Advantage

As a national distributor with local presence, SunSource has a unique and dominant position as a full-service resource for the industrial and mobile fluid power industry. We distribute a broad range of components, but SunSource is much more than a distributor just supplying fluid power products. We realize that our customers need more. Along with high quality products, we provide a commitment to high quality customer service and technically sound, cost-effective solutions.

The decisions you make every day affect your company’s bottom line, so finding the right partners is a top priority. When your success depends on the success of others, it becomes critical to develop strong, lasting partnerships with suppliers you can trust to provide the support your company needs for a competitive advantage. Dependable, knowledgeable, efficient service helps you focus your energy on activities that help sell your product – and help your company succeed.

– For more information, please contact your local SunSource representative.