Your Complete Source for Mobile Technology

Design and Engineering Services

Advanced Controls

Hydraulics

Valve Packages

Prototype Development and Training

Supply Chain Optimization

Electronic Controls

Cooling Systems

Visit us at www.sun-source.com
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 testing
- Field installation and Customer Training

Productivity Solutions
To improve productivity and reduce costs, our Application 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

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, application engineering, MEC assembly, a mobile service and repair center.

The Savage, MN facility is staffed by highly trained SunSource associates ready to serve your mobile fluid power needs.

Put the SunSource Advantage to Work for You!
SunSource is North America’s largest distributor of fluid power and mobile 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!
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, gear drive systems, or electric drive systems, you can rely on SunSource to provide you with the correct product for the application.

SunSource is uniquely qualified to offer complete electro-hydraulic solutions for your mobile equipment.

- Highly-experienced market leader in the integration of hydraulic, electric and electronic control solutions
- Customized software to meet your demanding application guidelines
- Precise control of entire machine
- Systems include:
  - Radio remotes
  - Wire harnesses
  - Telematics
- Complete electric drive systems

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

- Engine cooling packages to meet the rigid emission standards for mobile equipment
- SunSource can provide a wide range of products to meet your machine cooling needs, including complete hydraulic, electric, and electronic control systems

Mobile Hydraulics • Gear Drives • Electro-Hydraulics • Valve Packages • Cooling Systems
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Value-Added Kits

Rely on SunSource to provide you with production-ready, value-added kits that will allow you to focus on manufacturing your machine.

- Multiple pump stack assemblies
- Custom manifold assemblies
- Custom valve stack assemblies
- Complete lube systems
- Custom reservoirs

SunSource has become the industry leader for modular valve solutions. Our broad family of products cover a wide range of sizes and control features:

- Your source for Danfoss high performance PVG valves
- Danfoss-authorized product build center
- Assembled and tested at SunSource
- Global product support and after market service
- In-house design and technical support
- Stocked components to assemble per your needs
- Hybrid valve assemblies

Planetary Wheel Drives
Hydrostatic Propel Pumps
Work Function Pumps and Motors

Visit us at www.sun-source.com
# Mobile Hydraulics

<table>
<thead>
<tr>
<th>Category</th>
<th>Manufacturers</th>
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</thead>
<tbody>
<tr>
<td><strong>ACCUMULATORS</strong></td>
<td>Accumulators Inc., Parker (Greer)</td>
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<tr>
<td><strong>ACTUATORS &amp; CYLINDERS</strong></td>
<td>Aggressive Hydraulics, Custom Actuator Products, Eaton / Hydro-Line, Hannah Cylinders, Lion / Monarch, Prince, Sheffer, Yates</td>
</tr>
<tr>
<td><strong>BALL VALVES</strong></td>
<td>Stauff</td>
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<tr>
<td><strong>BRAKES &amp; CLUTCHES</strong></td>
<td>Ausco, Fairfield, Poclain</td>
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<tr>
<td><strong>CABLE &amp; HYDRAULIC REMOTE CONTROLS</strong></td>
<td>Adeco, Cablecraft, Husco</td>
</tr>
<tr>
<td><strong>CARTRIDGE VALVES &amp; MANIFOLDS</strong></td>
<td>Argo-Hytos, Bridon, Bucher, Comatrol, Deltrol, Doering, Eaton, Parker, Source Fluid Power, SunSource Custom Valve Packages, Thomas Magnete, Vonberg</td>
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<tr>
<td><strong>GEAR PUMPS &amp; MOTORS</strong></td>
<td>Turolla, Casappa, Concentric (Haldex Barnes), Permco, Prince</td>
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<tr>
<td><strong>GEARBOXES &amp; TRANSAXLES</strong></td>
<td>Fairfield, Bonfiglioli, Brevini, Dynamic Oil, Hydrogear</td>
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<tr>
<td><strong>GAS SPRINGS &amp; SHOCKS</strong></td>
<td>Firestone, Suspa</td>
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<td><strong>GAUGES, METERS &amp; SWITCHES</strong></td>
<td>Anfield, Dynamic, Gems, Hedland, Lake, Nason, Wika</td>
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<td><strong>HOSE &amp; PIPE CLAMPS</strong></td>
<td>Behrenger, Hydra-Craft, Hydra-Zorb, Stauff</td>
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<tr>
<td><strong>LUBRICATION</strong></td>
<td>Components, Graco</td>
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<td><strong>OIL COOLERS &amp; FANS</strong></td>
<td>API ( Thermal Transfer Products), American Industrial, Blissfield, Hayden</td>
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<tr>
<td><strong>PISTON MOTORS</strong></td>
<td>Danfoss, Dynex, Hydro Leduc, Kawasaki, Linde, Poclain, Rotary Power, SAI, SunFab</td>
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<tr>
<td><strong>PISTON PUMPS</strong></td>
<td>Danfoss, Dynex, Hartmann Controls, Hydrogear, Hydro Leduc, Linde, SunFab</td>
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<tr>
<td><strong>PNEUMATIC COMPONENTS</strong></td>
<td>ARO, Clippard, Custom Cylinders, Flairline, IMI Norgren, Parker (Skinner), Parker (Wilkerson), Versa</td>
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<tr>
<td><strong>SENSORS &amp; ELECTRICAL COMPONENTS</strong></td>
<td>Danfoss, Balluff, Danaher, Unlimited Services</td>
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<tr>
<td><strong>STEERING COMPONENTS</strong></td>
<td>Burnsville Sales &amp; Mfg., Danfoss, Dynamic Oil, Dynex, Veljan</td>
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<tr>
<td><strong>WINCHES</strong></td>
<td>TWG</td>
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<tr>
<td><strong>DC POWER UNITS</strong></td>
<td>Argo-Hytos, Bucher/Monarch, Concentric, SPX/Fenner</td>
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<td><strong>FILTRATION</strong></td>
<td>Argo-Hytos, Donaldson, Zinga</td>
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<tr>
<td><strong>FILTERS</strong></td>
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<td><strong>OIL COOLERS &amp; FANS</strong></td>
<td>American Mobile Power, Donaldson, Flow-Ezy, LDI/Vescor, Zinga</td>
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<tr>
<td><strong>PUMP/MOTOR MOUNTS &amp; COUPLINGS</strong></td>
<td>Buckeye, Durst, Hayes, Torsion Control Products, Vescor, Zero-max</td>
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<td><strong>RESERVOIRS &amp; TANK ACCESSORIES</strong></td>
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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. Contact us today!