Parker Hydraulics

As a leading global company, Parker Hannifin designs, engineers and manufactures the widest variety of components and systems to control motion, flow and pressure in all types of machinery. When you need an industrial or mobile hydraulic system, subsystem or components, Parker delivers.

Parker Hannifin Corporation

Parker offers over 3,200 product lines that control motion in 1,220 mobile, industrial and aerospace markets. We are the only manufacture to offer our customers a choice of hydraulic, pneumatic, electromechanical and computer motion control solutions. And we have the largest distribution network in our field with over 8,400 distributors serving more than 417,000 customers.

Parker products are found around the globe: in satellites orbiting the earth, machine tools, mobile equipment, oil rigs and refineries, laboratories and hospitals – any place where machines depend on motion or fluid control.

Total Hydraulic Solutions from the Ground Up

Parker’s staff of highly qualified product and application engineers, research and development teams and system solution specialists – assures you that nobody knows hydraulic applications and components better than Parker. Additionally, Parker is committed to providing the OEM with definable benefits and cost savings that include:

- Shorter design lead times
- The use of fewer components
- Leak-free systems
- Fuel and energy conservation
- Smaller, more compact products
- Lower installation costs
- Reduced noise
- Faster cycle times
Manufacturing
Parker’s product engineering and manufacturing capabilities form the cornerstone of everything we offer. We utilize the latest computer-aided manufacturing technology to exceed today’s stringent demands for both quality and delivery. Parker is ISO certified and continues to invest in manufacturing technology at over 292 plants located in North America, Europe, Asia and South America. Additionally, Parker’s 57,000 employees are empowered to exceed customer expectations.

Training
Parker is the industry leader in the development and presentation of hydraulic and pneumatic technical training. We offer opportunities for our employees, distributors and customers, including web-based, on-site and classroom training at various Parker locations. Hundreds of college and universities in North America have adopted the Parker generic textbooks as the foundation for motion and control courses offered at their institutions. Training support materials include textbooks, instructor guides, computer-based training CDs, lab manuals and trainer stands.

Learn more about Parker training at www.parker.com/training or call 216-896-2495.

Three Year Extended Warranty
Parker extends its standard limited warranty to 36 months on all Hydraulics Group products if they are protected by properly installed and maintained Parker hydraulic filters. This warranty applies to systems supplied by Parker and/or its authorized Technology Centers.

www.parker.com/hydraulics
Parker’s extensive web site is your online resource for hydraulic technology. It is the industry’s most comprehensive site and includes downloadable catalogs, CAD drawings, contact information, training materials, product selection software as well as RFQ capabilities.
Hydraulic System Solutions

In today’s challenging business environment, you need partners who can provide you with total solutions that deliver increased machine performance and reliability, while keeping a keen focus on lower cost and improved bottom lines.

Parker can help you achieve these goals with value added services including machine analysis and troubleshooting, design and engineering support, components selection and systems design, custom/new product development, prototyping and complete testing and documentation.

Ordering a complete hydraulic solution from Parker brings with it all the benefits you have come to expect: quality, system integrity, worldwide distribution, extensive field support and customer service. It also puts the application expertise of Parker to work for you to ensure that your hydraulic system performs to your specifications.

Add end-user benefits like increased up-time, leak-free systems, greater horsepower, fuel and energy conservation, reduced heat, reduced operator fatigue and higher on-the-job productivity, and you’ll agree that Parker’s total solutions capabilities are designed with your application in mind.

Technology Centers

A Parker Hydraulic Technology Center is your local one stop shop for all your hydraulic needs. These centers are staffed with specialists who can provide engineering assistance, technical help, and full systems service for all your hydraulic requirements. HTCs, MTCs and TTCs were introduced by Parker in order to meet the changing needs of the hydraulics industry, while increasing the level of services provided by a Parker distributor. At Parker Technology Centers you will find: advanced design and technology, local inventory, a staff of application system engineers, training services and the industry’s leading technical support.

You can locate your nearest Technology Center at www.parker.com/distloc or call 1-800-CPARKER (272-7537).

Industrial Hydraulic Specialists
Mobile Hydraulic Specialists
Truck Hydraulic Specialists
In those instances where you require multiple components and sub-assemblies for a specific application, Parker offers the added benefit of a kitting service. Within a kit, everything you need is delivered in one convenient package, ready for installation.

**System Centers**

Parker’s System Centers are equipped to build prototypes, test sub-systems, retrofit equipment and run off entire motion and control systems. Each function is instrumental in the development of fine-tuned system proposals and solutions to match customer requirements. We will take on an entire project, or one of our system experts can participate on your development team. If you choose, you can send your equipment to one of our facilities where we will analyze it, propose solutions and verify performance.

Parker’s broad product range supplies an unparalleled capability to optimize systems for our customers. Our engineers have years of experience in advanced system design and will be your partners all the way. Parker can deliver a working prototype with complete documentation. When Parker supplies your system solution, you’ll feel comfortable that it will work properly from the moment you start up the machine.

If you should need assistance once into production, Parker’s global support network can assist you in virtually any country around the world.

**Kitting**

In those instances where you require multiple components and sub-assemblies for a specific application, Parker offers the added benefit of a kitting service. Within a kit, everything you need is delivered in one convenient package, ready for installation.
When it comes to hydraulic products, Parker is the most recognized name in the business. With over 75 years of experience, Parker currently inventories more than 200,000 hydraulic part numbers, allowing for unlimited solution possibilities. Customers can reduce their number of vendors without compromising quality. And buying from a single source saves time and money, and allows for easier ordering and faster shipping.

**Extensive Product Offering**

Accumulators
- Piston, bladder and diaphragm designs
- Shock suppressors
- Reservoir isolators
- Gas bottles
- Charging kits and accessories

Electronics/Remote Controls
- Compact, flexible and user-friendly
- Precise closed loop control
- J1939 can-bus communications
- IEC certification and reliability

Cylinders
- Industrial
- Mobile
- Mill duty
- Electrohydraulic
- Custom

Sensors
- Speed and direction
- Rotary position
- Proximity
- Tip and tilt
- Linear position

Power Take Off
- Virtually all transmissions
- Broadest coverage in industry
- Industry leading innovation, engineering and performance
- Wet line kits, reservoirs and accessories

Fluid Connectors
- Brass products
- Quick couplings
- Rubber hose products
- Thermoplastic products
- Tube fittings

Compact Hydraulics
- Miniature power units
- Fluid power systems
- Gear motors
- Piston pumps
- Cartridge pumps
- Hand pumps
Pumps
• Piston, vane and gear pumps
• Pump/motors
• Fixed and variable displacement pumps
• Flow dividers/intensifiers

Power Units
• Vertical, horizontal and overhead designs
• Suction strainer on inlet ports
• SAE straight thread connections and ports

Threaded Cartridge Valves and Integrated Hydraulic Circuits
• Directional control valves, pressure controls, proportional valves, powershift transmission controls, load holding valves and logic elements
• Manifolds and integrated hydraulic circuits with complete system solutions

Motors
• Low speed, high torque motors
• High speed motors
• Vane motors
• Bent axis piston motors

Rotary Actuators
• Rack and pinion, and vane styles
• Long life even under the most severe conditions
• Medium to heavy duty service

Valves and Controls
• Directional, volume, proportional and pressure control
• Flow, check, needle and ball valves
• Servo valves
• Closed loop controllers
• DIN cartridge and auxiliary valves

Filtration
• Pressure filters
• Portable/off-line systems
• Reservoir accessories
• ParGel, breathers and diffusers
• ParFit replacement elements
• Fluid analysis

Parker has available a set of Hydraulic Product Catalogs for industrial, mobile and truck markets, each paired with an interactive CD. Call 800-CParker to order any or all of these comprehensive guides.
North America

Industrial

USA
Chicago Region
Naperville, IL
Tel: (630) 964 0796

Great Lakes Region
Fairlawn, OH
Tel: (330) 670 2680

Northeast Region
Lebanon, NJ
Tel: (908) 236 4121

Pacific Region
Buena Park, CA
Tel: (714) 228 2509

Southern Region
Alpharetta, GA
Tel: (770) 619 9767

Canada
Milton, Ontario
Tel: (905) 693 3000

México
Toluca, Edo. de México
Tel: (52) 72 2275 4200

Mobile

USA
Global Mobile
Lincolnshire, IL
Tel: (847) 821 1500

Central Region
Lincolnshire, IL
Tel: (847) 821 1500

Eastern Region
North Canton, OH
Tel: (330) 284 3355

Midwest Region
Hiawatha, IA
Tel: (319) 393 1221

Southern Region
Aledo, TX
Tel: (817) 441 1794

Western Region
Buena Park, CA
Tel: (714) 228 2509

Canada
Milton, Ontario
Tel: (905) 693 3000

México
Apodaca, N.L.
Tel: (52) 72 2275 4200

Europe

Austria
Wiener Neustadt
Tel: (43) 2622 23501 0

Belgium
Nivelles
Tel: (32) 67 280 900

Czech Republic and Slovakia
Klecan
Tel: (420) 248 083 111

Denmark
Ballerup
Tel: (45) 4356 0400

Finland
Vantaa
Tel: (358) 20 753 2500

France
Contamine-sur-Arve
Tel: (33) 4 50 25 80 25

Germany
Kaarst
Tel: (49) 2131 4016 0

Greece
Athens
Tel: (30) 210 933 6450

Hungary
Budapest
Tel: (36) 1 220 4155

Ireland
County Dublin, Baldonnell
Tel: (353) 1 466 6370

Italy
Corsico, Milano
Tel: (39) 02 45 19 21

The Netherlands
Oldenzaal
Tel: (31) 541 585000

Norway
Ski
Tel: (47) 64 91 10 00

Poland
Warsaw
Tel: (48) 22 57 32400

Portugal
Leca da Palmeira
Tel: (351) 22 999 7360

Romania
Bucharest
Tel: (40) 21 252 1382

Russia
Moscow
Tel: (7) 495 580 9145

Slovenia
Novo Mesto
Tel: (386) 7 337 6650

Spain
Madrid
Tel: (34) 91 675 7300

Sweden
Södertälje
Tel: (46) 8 597 9500

Ukraine
Kiev
Tel: (380) 44 494 2731

United Kingdom
Warwick
Tel: (44) 1926 317878

Asia Pacific

Australia
Castle Hill
Tel: (61) 2 9634 7777

China
Beijing
Tel: (86) 10 6561 0520

Hong Kong
Tel: (852) 2428 8008

India
Mumbai
Tel: (91) 22 5613 7081

Korea
Seoul
Tel: (82) 2 559 0400

Malaysia
Subang Jaya
Tel: (60) 3 5638 1476

New Zealand
Mt. Wellington
Tel: (64) 9 574 1744

Japan
Tokyo
Tel: (81) 3 6408 3900

Singapore
Jurong Town
Tel: (65) 6 887 6300

Taiwan
Taipei
Tel: (886) 2 2298 8987

Thailand
Bangkok
Tel: (662) 717 8140

Middle East

United Arab Emirates
Abu Dhabi
Tel: (971) 2 678 8587

Latin America

Pan American Division
Miami, FL
Tel: (305) 470 8800

Argentina
Buenos Aires
Tel: (54) 33 2744 4129

Brazil
São Paulo
Tel: (55) 11 502 6000

Venezuela
Caracas
Tel: (58) 212 238 5422

Africa

South Africa
Kempton Park
Tel: (27) 11 991 0700

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