



System Solutions For Marine Applications



***Parker On Board,
Around the World***

Marine Applications: A Focus

Providing Components and Complete System Solutions

Parker is the one choice for motion control and fluid control systems for marine applications worldwide. From engine or vessel systems, to fuel and fluid conditioning, to shipyards and service shops, at the lake or on the sea, Parker is there with expertise and uniquely designed systems and components for original equipment manufacturers and end users.

Parker can deliver products and solutions to meet the demands of design and manufacturing engineers, purchasing and service managers, and virtually anyone involved in the production, use or maintenance/repair of watercraft.



The Parker team can review your specific application parameters to match or create a system solution that will reduce costs, reduce environmental impact, improve safety and increase the real value for the marine end user. Innovative products can be jointly developed with Parker as your partner.

www.parker.com/marine



Why is Parker your best choice?

We offer a win-win partnership. No other motion control company can match the accomplishments realized by Parker and our customers. Parker people know your business and have your bottom line in mind.

Working with Parker has many benefits, including quality products, system integrity, worldwide distribution, extensive field support, unequalled customer service, as well as shortened product lead times, simplified ordering and more efficient shipping. But most importantly, with the assistance of Parker's application engineers, you can be sure that the capability of your new marine system will meet or exceed both your specifications and your expectations.

Quality First

The Parker name is recognized throughout the world as representing the highest quality products. The people of Parker are dedicated to Total Quality Management.

Breadth of Line

One of the world's most extensive motion and control product lines is offered by Parker. All of our products share a common heritage of advanced technology for your applications. With Parker's unequalled range of motion and control products, we can be your single source supplier for all of your components, sub-system and system solutions.



Products For Marine Applications

Parker makes over 500,000 parts to meet your system needs

Products	Steering Systems	Engines Controls	Fuel/Water Systems	Refrigeration and Air Conditioning	Bow Thrusters Stabilizers Trim Control	Door/Hatch Operation	Davits Winches Passerelles
Pumps/Motors							
Hydraulic	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gerotors		<input type="checkbox"/>	<input type="checkbox"/>				
Cylinders							
Hydraulic	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pneumatic		<input type="checkbox"/>				<input type="checkbox"/>	
Valves							
Hydraulic	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pneumatic		<input type="checkbox"/>				<input type="checkbox"/>	
Ball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solenoid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial Control	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermostatic Expansion				<input type="checkbox"/>			
Shut-off				<input type="checkbox"/>			
Pressure Regulating				<input type="checkbox"/>			
Rotary Actuators							
Hydraulic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Pneumatic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
Power Units							
Hydraulic	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accumulators							
Hydraulic	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Interface							
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filtration							
Hydraulic	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Filter Dryers/Protectors			<input type="checkbox"/>	<input type="checkbox"/>			
Fluid Connectors							
Rubber Hose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermoplastic Hose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermoplastic Tubing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	
Fittings (hose, tube)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fittings (brass, stainless)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instrumentation							
Stainless Steel Fittings	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valves	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seals							
Elastomeric Seals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metal Seals	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			
Thermoplastic & PTFE Seals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Composite Seals (metal/rubber, plastic/rubber)		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
Isolation Devices						<input type="checkbox"/>	<input type="checkbox"/>
EMI Shielding and Thermal Management Products		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Fuel Nozzles/Gauges							
		<input type="checkbox"/>	<input type="checkbox"/>				

Parker—Providing Marine Applications With Complete System Solutions.



Racor Lube Oil Filtration

Cleanable, full flow and bypass systems for use on diesel engines and transmissions. Designed to eliminate the waste of standard oil filters, reduce component wear and extend service intervals.

Racor Fuel Filtration

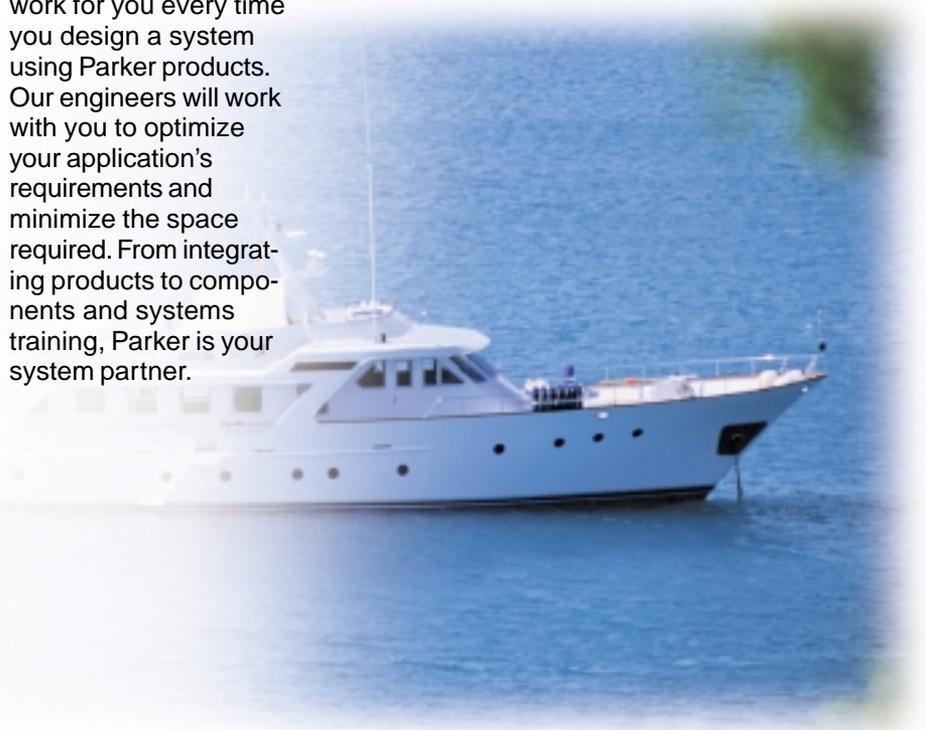
Filters and separators for gasoline and diesel engines that remove contaminants and harmful water from fuel. Various flow rates and system configurations to meet any application.

Parker is a leading motion control component supplier for marine applications. Our breadth and depth of product lines allow us to be your single source for components and systems. Parker can help you save both time and money, with shorter lead times, less paperwork, and fewer hassles.

Now we're going one step further by putting our years of application and engineering expertise to work for you to be your single source supplier.

Our sales engineers will work with your designers to bring together all of

the motion and flow control components necessary to meet your demanding specifications. Our technical expertise is also put to work for you every time you design a system using Parker products. Our engineers will work with you to optimize your application's requirements and minimize the space required. From integrating products to components and systems training, Parker is your system partner.



Call 1-800-CPARKER



Specialized Marine Actuators

Submerged and offshore operate to 3000 ft. in sea or fresh water as submarine steering, door actuation, sluice gate, valve control, etc. Boomslewer torques to 64 million in-lbs for control of self unloading ship boom.



Air Filter/Silencers and Crankcase Filtration

Designed by Racor for engine air intake, designed to work in conjunction with closed crankcase ventilation systems. Reduces noise and keeps engine compartments and components clean.



Coolant and Water Filtration

Racor filtration systems and additives for engine coolant systems. Water filters and plumbing for potable drinking and other systems.



Racor ParClean™ Marine Filters

Designed to process 100% of the diesel exhaust cooling water for power generating systems. Removes 99% of harmful waterborne emissions. Eliminates the discharge of diesel exhaust particulates.



Hydraulic Filters

A complete range of hydraulic filters engineered to meet global standards. Wide variety of mounting styles and pressure ranges are available to meet application demands.



Hydraulic Pumps

Includes fixed or variable displacement models in piston, vane and gear styles. Available with a full range of electronic and computer controls.



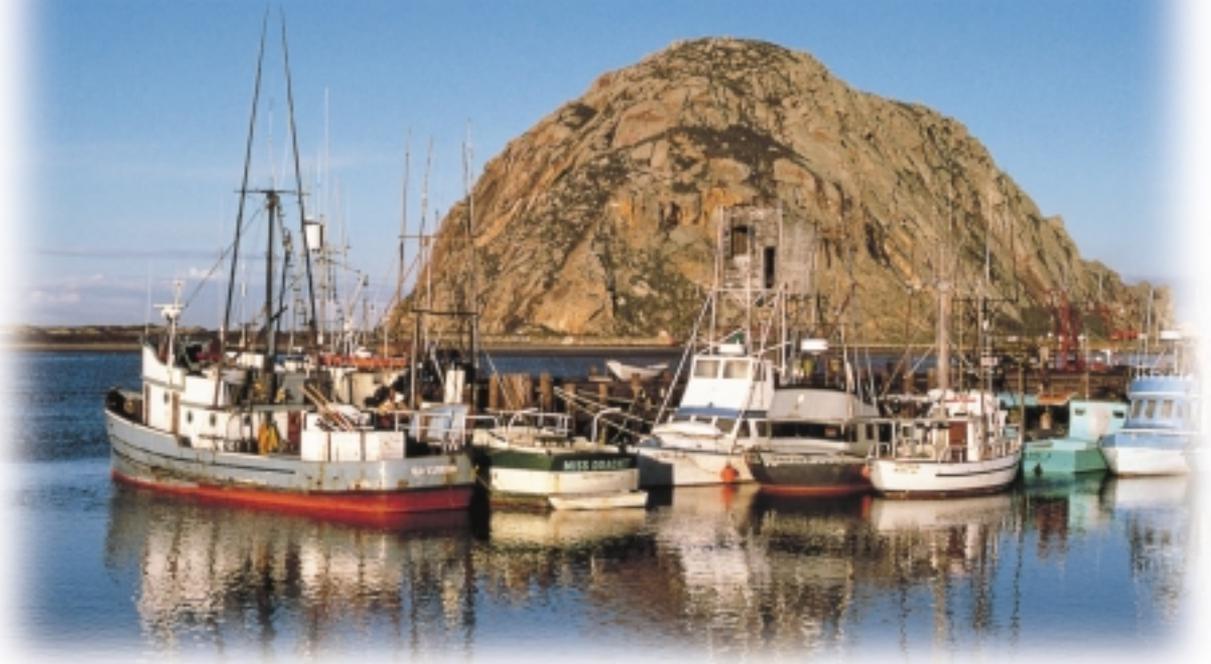
Hydraulic Motors

Full line of low and high speed motors offered in gear, gerotor and piston style, fixed and variable displacement.



Hydraulic Valves

From simple on/off functions to controlling flow, pressure and load-holding, these include: control valves, motion controllers, pressure control valves, servo valves, directional and proportional valves.



Call 1-800-CPARKER



Hose and Tubing

Marine hose meets SAE, USCG and ISO standards and is available in all popular sizes. Used with steel, stainless steel and brass field attachable or crimped fittings. Variety of tubing types and colors available.



Fittings and Adapters

Wide variety available, including 37 degree flare, bite-type, o-ring face seal, field attachable, crimped and push-to-connect fittings. Materials include stainless steel, brass, steel and thermoplastic.



Ball Valves

Low and high pressure, in stainless steel, carbon steel, brass and plastic. Pressures up to 6000 PSI. A variety of port configurations available.



Quick Couplings

Quick couplings are available valved or unvalved. Exhaust-style, thermoplastic, and No-Mar couplings are also available.



Hydraulic and Pneumatic Cylinders

Heavy-duty, hydraulic and pneumatic cylinders available in steel, stainless steel, brass and aluminum. Both NFPA and metric sizes available for global acceptance.



Lightweight, Compact Air Valves

Compact, high performance valves utilizing Parker's Wear Compensating System (WCS) for non-lube service through millions of cycles.



Air Preparation Units with Accessories

Filters, regulators, and lubricators with modular accessories: lock-out valves, pressure switches, soft-start/quick-dump valves and mounting kits.



Human-Machine Interfaces (HMI)

Hardware and software for touchscreen HMI. Available with Interact HMI software and PC-based PowerStation workstations. Feature-rich control, built-in connectivity and networking options.



Call 1-800-CPARKER



Precision Regulators for Gas and Fluids

Single and two-stage regulators, back-pressure regulators and continuous gas management systems are available.



Solenoid Valves

For hydraulic, fuel, pneumatic, refrigeration and process filtration applications. Available in two, three and four-way configurations with a variety of coil options.



Air Conditioning Components

Filter dryers, expansion valves, shut off valves, accumulators, and sub-assemblies provide climate control on yachts, cruise ships and other vessels.



Refrigeration Components

Pressure regulators, solenoid valves and system protectors can be found in ice making, food storage and food service applications.



Global Standard Power Units

Engineered to be rugged yet quiet. Features extensive vibration isolation, leak-free connections and filtration.

Oildyne Hydraulic Power Units

Compact and completely self-contained with AC or DC motor, gear pump, reservoir, internal valving, load-hold check and relief valves.

Oildyne Power Steering Systems

Provides no-feedback steering for outboard motor boats. Ideal for most high horsepower V4 and V6 outboard engines, eliminating engine torque feedback and high steering wheel loads.

Gerotors

Provide pumping and lubrication functions in diesel and gasoline engines and outboard motors.



Call 1-800-CPARKER



Ammonia Refrigeration

Hand valves, liquid levels, pressure regulators, strainers and other products refrigerate large cargo areas found on fishing or food transport vessels.

Instrumentation Fittings and Adapters

Single and double ferrule compression fittings, pipe fittings and adapters, and tube fabrication equipment are available.

Instrumentation Valves

Manual, pneumatically and electrically actuated ball valves, needle valves, relief valves, check valves, and manifold configured valves are among those available.

Seals

Elastomeric, plastic, metal and composite sealing products in thousands of standard and custom configurations. EMI shielding and thermal management materials for shipboard navigation and electronics.

Premier Customer Service Initiatives...

Engineering Expertise

Parker offers unparalleled design assistance and support. Let our dedicated sales and application engineers work with you during the design process to optimize system integration, component sizing, performance, and cost. Parker R&D resources offer state of the art technologies from our diverse market segments. From our various operating groups, discoveries and technological advancements can be applied across the corporation for the benefit of our customers.

Single Sourcing

Parker, the original "one-stop" source for motion control products, has no rival in total systems single sourcing.

Parker's systems capabilities enable our customers to reduce their number of vendors while realizing benefits, such as single point ordering and invoicing, strategic account management and kitting. And we do it all on a global scale.

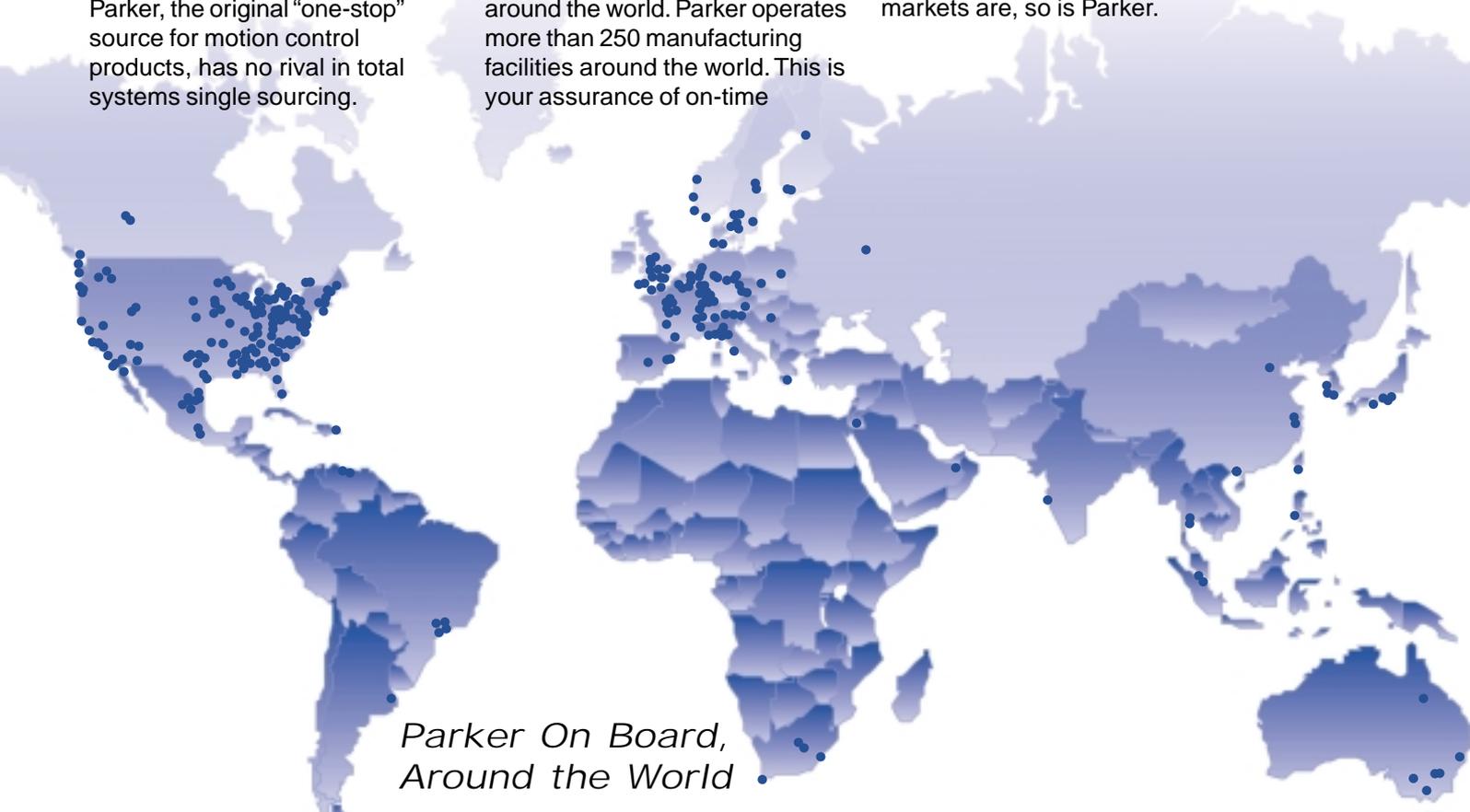
Premier Customer Service

We provide our customers with technical assistance, electronic ordering, and offer customer information in electronic formats. Our worldwide support ensures that your engine, vessel, system, plant, or equipment can be serviced and supported anywhere around the world. Parker operates more than 250 manufacturing facilities around the world. This is your assurance of on-time

product delivery around the globe. Our employees are empowered to do whatever it takes to meet or exceed customer expectations.

Corporate Strength

As a multi-billion dollar company, Parker has the resources for research and development efforts, manufacturing, and technical support, along with global presence. Wherever *your* markets are, so is Parker.



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To order products, CDs or additional product information:

Call 1-800-CPARKER (In Europe, 00800-2727-5374)

Email c-parker@parker.com

Visit www.parker.com/marine

anything  Possible.

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