



Marine Product Line

Motion Systems Group

Solutions for the marine industry

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

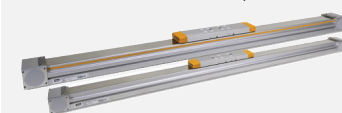


Dedicated products and solutions for marine equipment

Whether it is a cruiser, offshore rig or tanker, pleasure boat, barge or yacht, Parker has the products for all your marine applications. With over 500,000 parts to meet various marine system needs, and thanks to our worldwide distribution, we can be considered as the primary source supplier for all marine hydraulic, electrotechnical and pneumatic components.

Doors, cabin and accessory controls

- Rod-less electric and pneumatic actuators
- Air preparation systems
- Pneumatic control valves
- Self-contained power units



Rod-less electric actuators



Air preparation



Rod-less pneumatic actuators



Pneumatic valves



Self-contained electro-hydraulic actuators



Self-contained hydraulic power units

Water Removal Systems

- Expels water and dissolved oxygen from the oil on the hydraulic system
- Suitable for both biodegradable and mineral oil fluids



N2l NitroDry

Hydraulic systems for lifeboat davits

- Smooth lowering with precise controls
- Reliable operation of equipment even in rough seas
- Piston Accumulators and gas bottles for emergency operations
- Lightraulics® cylinders series up to 60% weight saving



HTLS Hydraulic motors



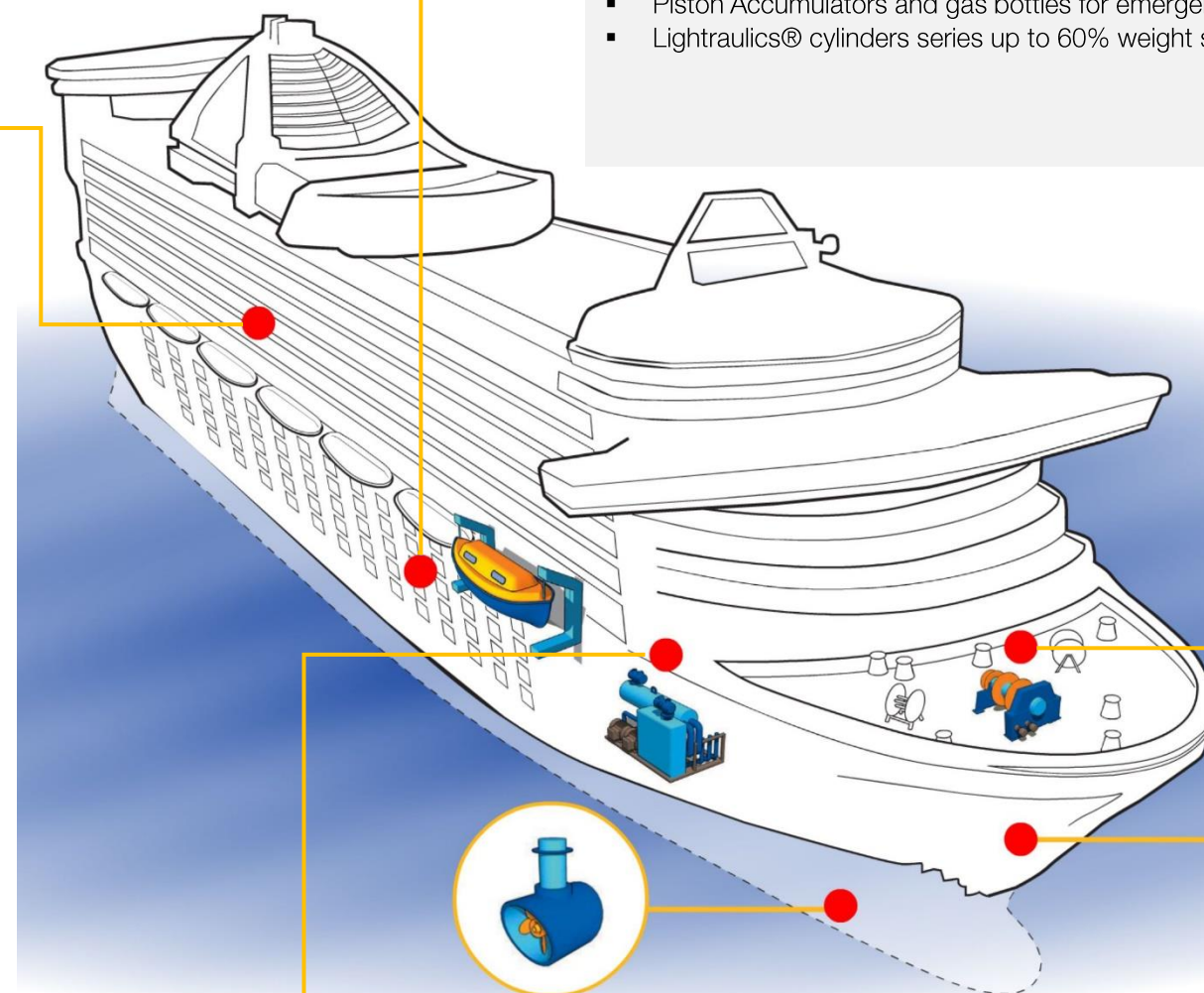
Compact Power Units



Accumulators



Lightraulics® cylinders



Tough anchor mooring and windlass winch controls

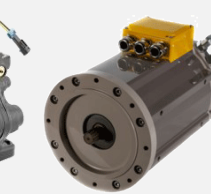
- Efficient mooring and accurate constant tensioning operations with HTLS Calzoni radial piston motors
- Low noise and reliable variable piston pumps
- High efficiency permanent magnet motors (generators)



Calzoni motors



Piston pumps



GVM motors

Components for thrusters

- Precise maneuvering with electrical and hydraulic control systems
- Leak-free shaft and rod sealing



Hydraulic motors and cylinders



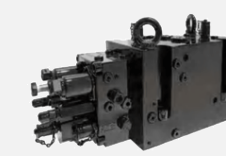
Electric Torque motors



GVI inverter

Operation of ro-ro ramps

- Leak-free systems thanks to integrated valve units
- Low noise vane pumps
- Complete power units



Integrated valve units



Vane pumps



Power Units



Supply ship & Offshore Rigs

Our dedicated application engineering teams will work with your designers to bring together all the components and to meet your marine equipment specifications. In addition, the recognized quality of our products, the short delivery times and the global coverage of the Parker's sales network will be synonyms of our reliability and competence.

Heavy duty offshore deck cranes

- Precise directional control valves
- Customized solutions for extremely high-volume flows
- Accumulators for fail-safe emergency operations
- Closed loop hydraulic pumps for energy recovering equipment
- Low noise vane pumps
- High efficiency permanent magnet motors



Vane pumps

Gold Cup pumps



Marine Air-Oil coolers

Variable winch motors

Pressure and temperature sensors

- IQAN ST temperature sensors
- IQAN SP pressure sensors
- Suitable for IQAN® Electronic Control System



Pressure and temperature sensors



Accumulators

Crane control valves

GVM motors

Heavy duty control manifolds for offshore drilling and construction applications

- High flow capacity with low pressure drop control manifolds and valves
- High response proportional valves
- Electro-hydraulic systems for accurate close loop controls
- High pressure accumulators



High response proportional valves



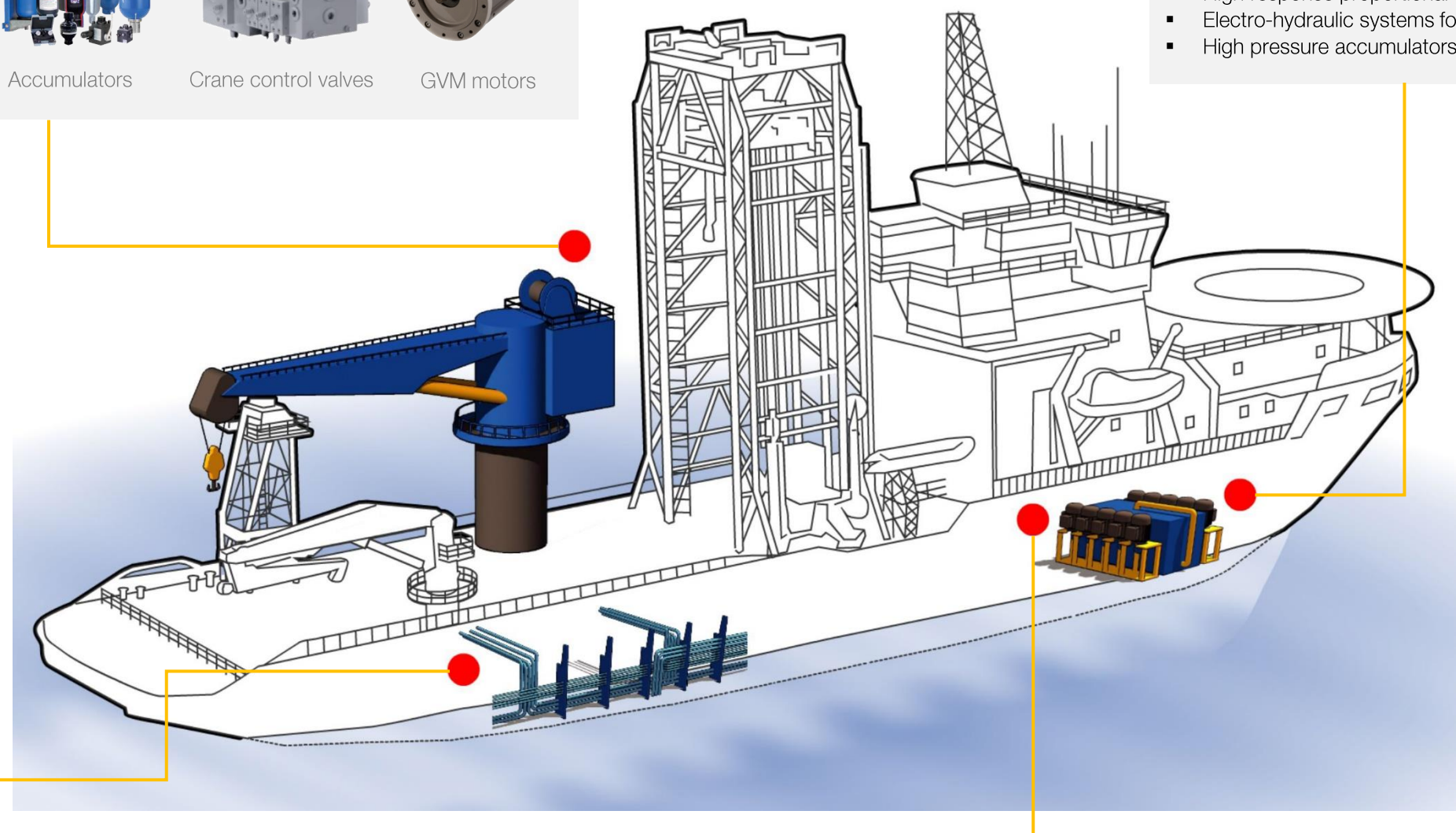
Accurate high flow control valves



Compax3F servo drives



High pressure accumulators



Customized low noise and high flow hydraulic power units

- Worldwide design and manufacturing capabilities ensure total optimizing of the power units
- Reliable system operation and global service network guarantee complete customer assistance



Low noise PV pumps



Hydraulic Valves



Water – Oil Coolers



Drive Controlled pumps



Complete power units



Cargo & Container Ships

Parker systems capabilities enable customers to reduce their number of vendors while realizing benefits, such as single point ordering and invoicing, strategic account management and kitting on a global scale. In addition, more than 250 manufacturing facilities around the world ensure quick on-time deliveries all over the globe.

Electronic Controls and IoT solutions

Parker IoT (Internet of Things) is a digital ecosystem that enables Parker's smart hydraulic, electric and electronic products to easily connect and work together.

Dedicated cloud service tools enable customers to remotely control the machine, update the software and configure alerts and alarms for an accurate preventive maintenance of the system. With Parker's IoT, the end user will be able to manage their own fleets, users and assets.



Hydraulic systems for pitch control

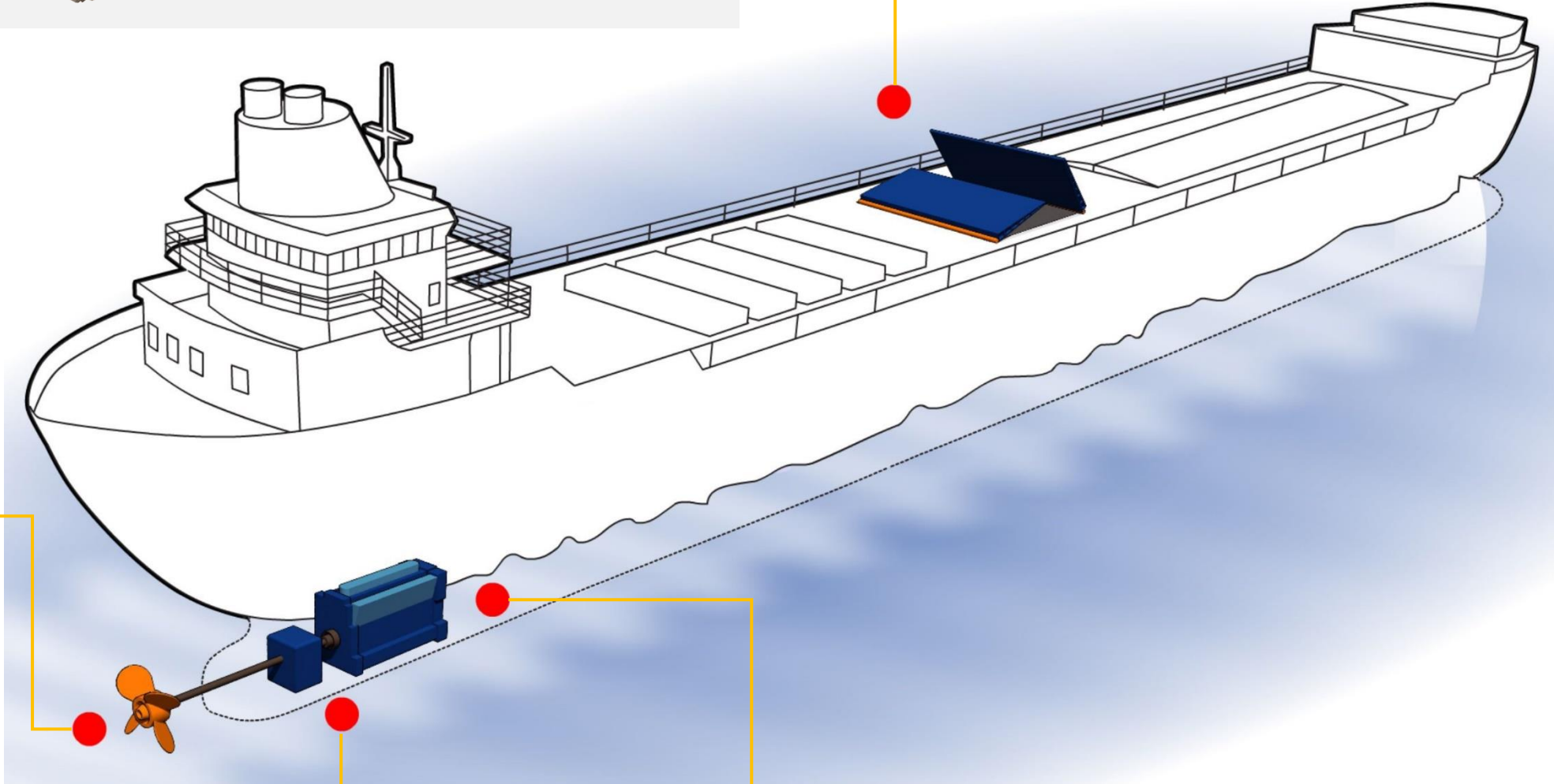
- Low hysteresis cartridge valves for pressure controls
- Accurate pitch control with high response valves in regenerative mode for energy saving



Parker Sterling cartridge valves



High response DFplus® valves



Gear box control and lubricating systems

- High flow and low noise gear pumps for gearbox lubricating systems



PGP gear pumps

Diesel engine lubrication and control systems

- Reliable pilot control of injection and valve timing systems with high response valves
- High response accumulators and pulsation dumpers



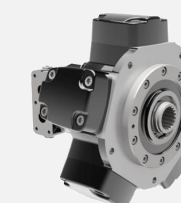
High response DFplus®



SBV accumulators

Hatch cover control

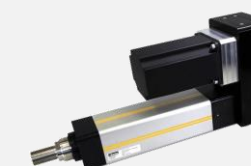
- Precise control of cover opening and closing with Parker actuators
- Reliable offshore operation due to seawater resistant design



HTLS radial piston motors



Self-contained electro-hydraulic actuators



ETH electro-cylinders



Accumulators

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