



Maritime

We make customers successful by
offering specialized solutions

ERIKS





- Durable and reliable products for the Maritime industry
- Technical support and know-how
- Reducing cost and improving performance

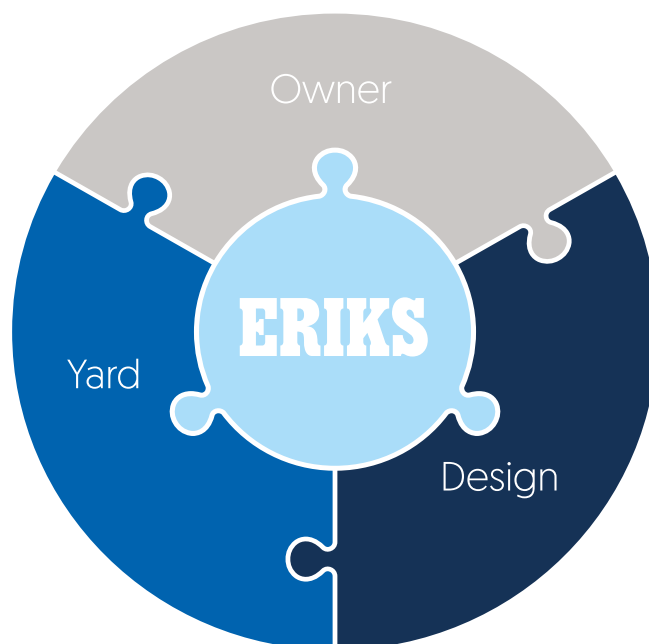
Specialized Solutions

ERIKS, a multi-product specialist provides a one-stop shop for a wide range of high-quality mechanical engineering components and associated technical and logistical solutions. We offer a professional approach to sales and services, specialized to deal with new building, maintenance, repair and operating supplies. We aim to take care of our customers in the segments: shipbuilding, contractors, dredging industry, offshore, luxury yacht building, ship repair, navy, fleet owners and ship chandlers.

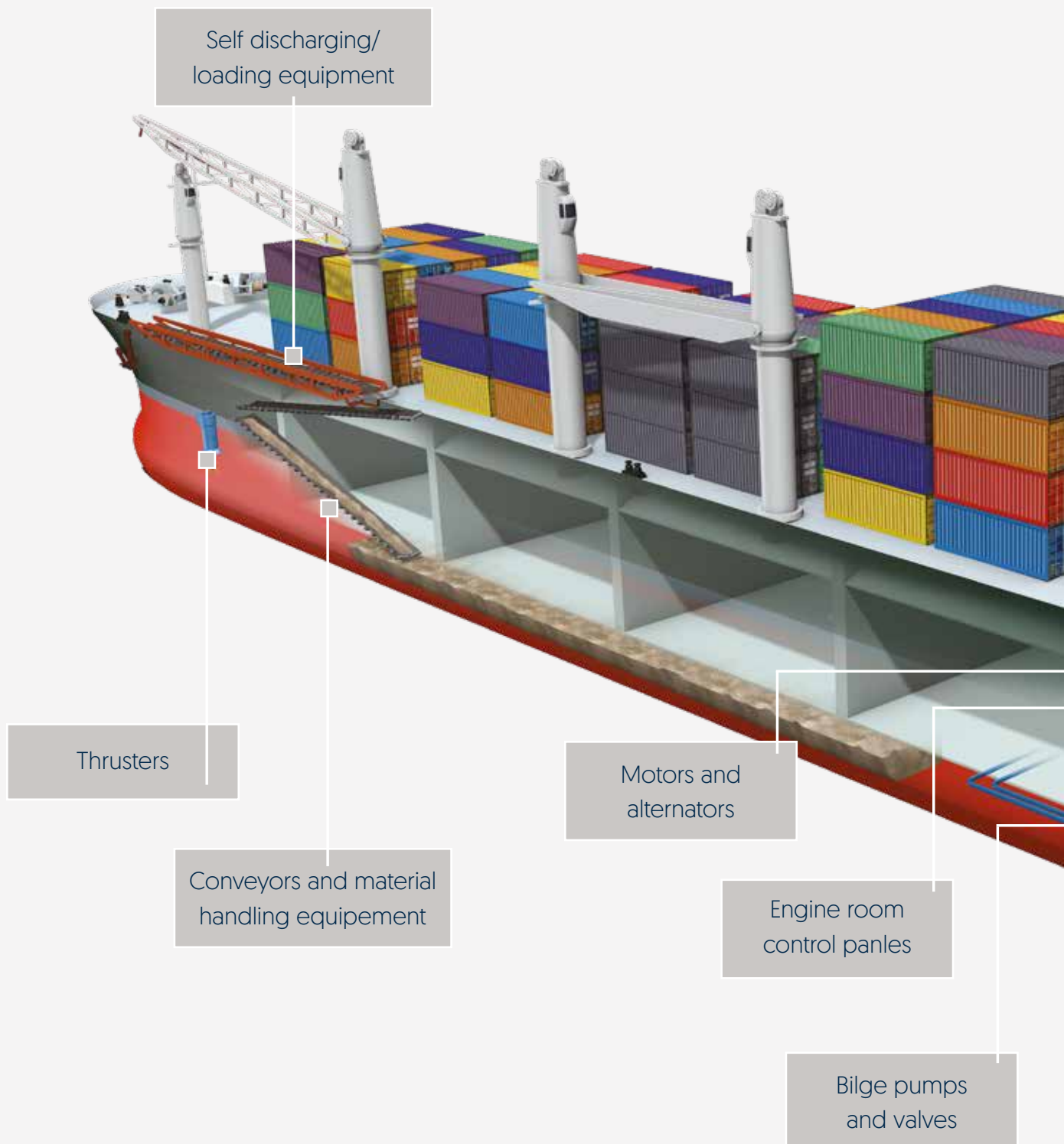
Anywhere, anytime

Marine customers can rely on ERIKS to supply the right parts, at the right place, at the right time - thanks to our complete understanding of the marine industry and the equipment it employs. We have extensive experience in helping customers meet classification and legislation requirements.

If you want us to repair or replace components at sea, in port or in dry dock, or in an emergency or during a scheduled service, ERIKS is right there to support you. We have the products, the expertise and the resources to get your vessel back on hire, out of port or dry dock and back on schedule - quickly, efficiently, and cost-effectively.

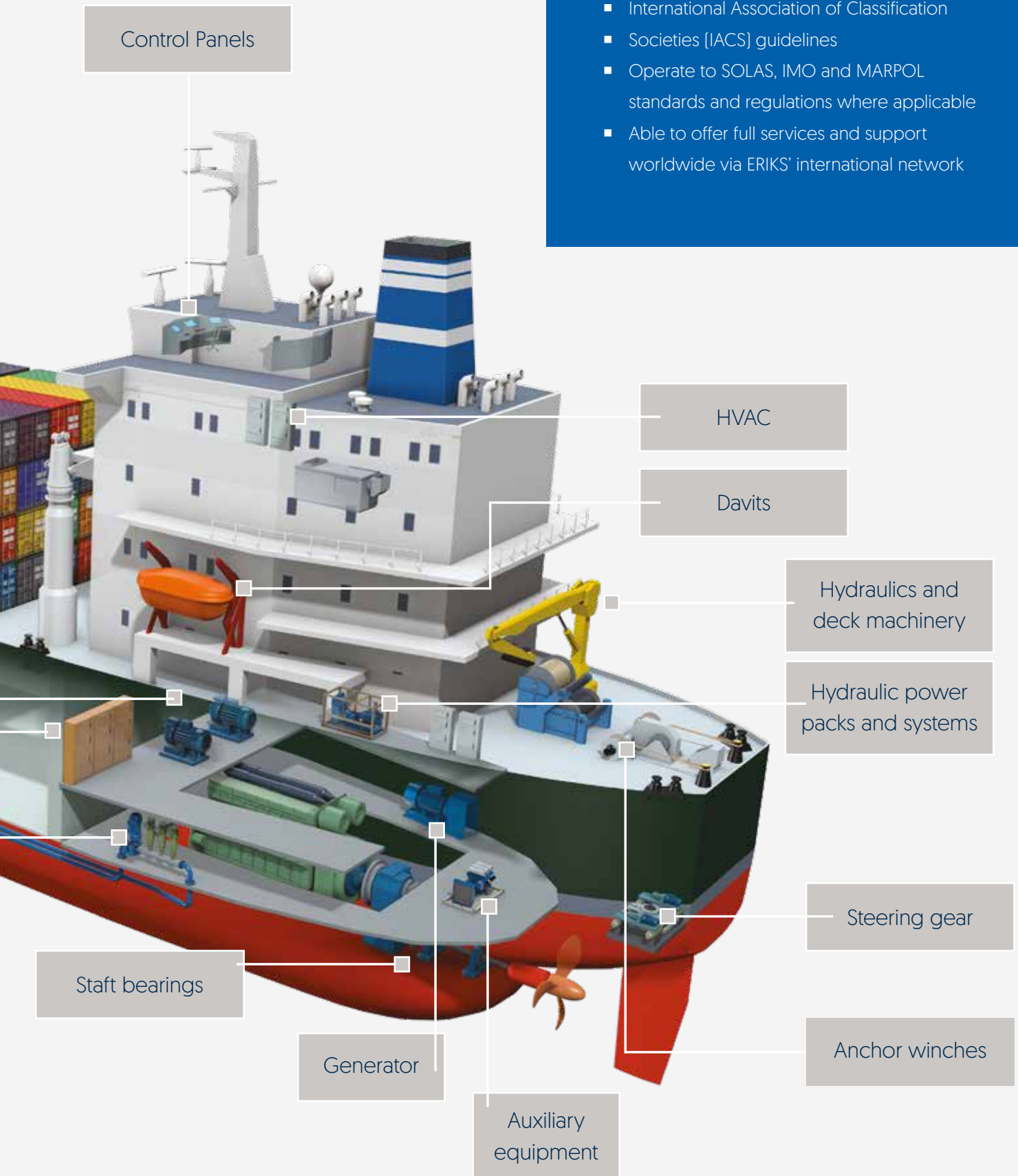


ERIKS from **bow to stern**



Accreditations and partnerships

- SKF expert in the Marine Industry
- S.E.C. accredited marine engineers
- International Association of Classification
- Societies (IACS) guidelines
- Operate to SOLAS, IMO and MARPOL standards and regulations where applicable
- Able to offer full services and support worldwide via ERIKS' international network





Engineered Plastics

ERIKS is your unique partner for engineered plastics. We offer a broad range of semi-finished, machined products and injected molded parts from our own production facilities.

Besides the ability to supply stock shapes and machined parts out of a wide variation of types plastics ERIKS also offers an extensive program of Epragrate glass fiber reinforced gratings. The Epragrate gratings make a difference today against many metal alternatives and has on board a variety of applications like platform crossings, platforms, landings and walkways, stair treads, ramps and shielding of dangerous areas.

- Engineering & High performance plastics
- Durable plastic elastomers
- Engineering & design
- All materials can be cut to size
- Even mild operations such as drilling, breaking edges, slots milling and polishing with short delivery times possible



Flow Control

ERIKS Flow Control offers you in-depth application knowledge, high quality products, custom solutions, efficiency and cost reduction.

Valves and related systems

We supply a complete range of Econ® valves, instrumentation and related systems directly from stock, as well as in house engineered items on customers' requests. The own brand stands for quality and reliability. Besides our role as wholesaler, we are an experienced valve system integrator, from design stage right up to commissioning.

- Largest stockist in Europe
- Valve system and tank level management integration
- Valve automation center of more than 5000 m²
- Cadmatic 3D valve library
- Turn key management
- Dedicated project teams
- Engineering to customer specification
- Inspection, certifying and testing
- Handling of large and complex projects
- Econ® Remote Valve Control
- Tank Level Management systems
- Valves for luxury yacht building
- Water Treatment systems



Pumps for Maritime



The capability to supply, install and repair pumps is a critical factor when considering a strategic service partner. These services are complemented by the ability to undertake system design, energy audits and failure mode investigations.

From new pumps, to the supply of individual components such as gaskets, seals, and bearings. Repairs, an overhaul, an upgrade or a complete system redesign – depending on your situation, schedule and budget – ERIKS has an unparalleled capability and expertise you can rely on.

- Nationwide repair workshops
- In-house design and fabrication
- Maintenance, overhaul, uprating, repair
- Predictive maintenance
- Condition-based monitoring
- Turnkey projects
- Inventory management and rationalization
- Pump energy audits

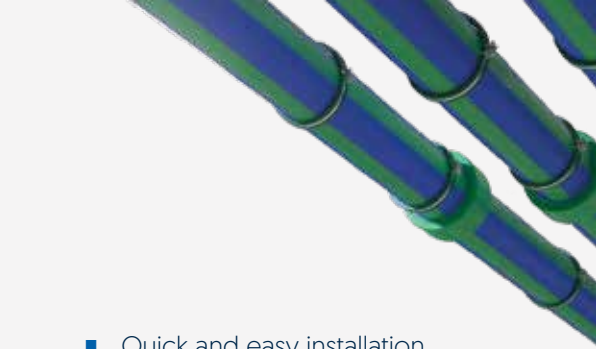


Plastic Piping Systems



Would you like to save money on the construction and maintenance of your pipeline network on your ship?

ERIKS offers plastic pipe systems for a wide range of applications in shipbuilding: from tap water for passenger ships to technical systems in cargo ships. The advantages of plastic pipes as opposed to steel pipes are numerous. They will not corrode on the in- and outside. Plastic material is on average 5 times lighter than metal, so this will decrease the weight per ship by a few tons!

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- Quick and easy installation
 - Prefabricated parts
 - Type approvals of all major classification societies
 - Water treatment
 - Cooling systems
 - Hot and cold drinking water
 - Seawater and freshwater cooling
 - Grey and black water
 - Lens, drain and ballast systems
 - KW and heating systems

Industrial & Hydraulic Hoses

ERIKS is a worldwide leading supplier of industrial and hydraulic hoses, couplings and accessories. Your choice for safe, reliable and leak-proof systems.

For every application in the maritime environment our specialists can offer the right customized solution. For hose assemblies, we have the possibility for hydrostatic testing according the current law or norm to ensure maximum safety and lifetime.



- Rubber hoses
- Hydraulic hoses
- Metal hoses
- PTFE hoses
- Plastic hoses
- Composite hoses
- Couplings
- Hose accessories
- Rubber, metal and PTFE bellows
- Welding of fittings on metal hoses EN ISO 3834
- Crimping of fittings on Rubber and PTFE hoses
- Complete hydraulic and metal hose assemblies
- PTFE hose with flaired ends
- Hydrostatic testing at ERIKS NPR 5527
- Hydrostatic testing on site by our
- Field Service Team



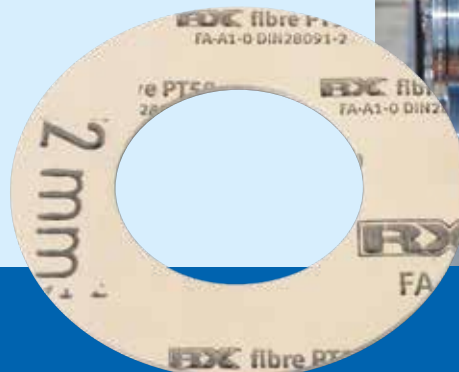


Gaskets

ERIKS' unique mix of gasket expertise, extensive product range and specialist services help you achieve reliable productivity.

As a market leader in the design and specification of gaskets, we can supply production volumes and low volume specials to order. Our specialists can help you re-engineer existing applications, or develop new ones.

- CAD/automated cutting machines
- CNC water jet, knife cutting and routing machines
- Comprehensive base materials stocks
- Rapid prototyping and production
- Any size or shape
- Application or re-engineering
- Kanban, kitting and assembly/installation packs
- High-pressure and high temperature solutions



Power Transmission

ERIKS' unique power transmission expertise integrates hydraulics, pneumatics, bearings, electro mechanics and motion control to bring you perfectly tailored solutions.



Bearings and lubrication

We are an authorized distributor for all the major global bearing brands with extensive stocks nationwide. Our lubrication services cover everything from lubricant supply to lubrication systems.

- Largest SKF's authorized distributor in the Benelux – accredited quality of technical ability and unique SKF Marine Expert accreditation in the Benelux
- Specialist global product sourcing
- Bearing condition monitoring products and services
- Manufacture of specials, obsolete and OEM replacement
- Lubrication supply, lubrication systems and accessories



Motors, generators and alternators

Motors in the marine environment need to be reliable above all else. Our expertise in application engineering is essential to improving your competitiveness, and we can provide you with the correct drives solution whatever your requirements.

- Unbiased repair or replace program
- Engineering & technical support
- Extensive stock holding
- Low, medium and high voltage solutions
- SEEMP creation and compliance
- Complete project management
- Premium efficiency solutions: IE2, IE3 and IE4
- Optimal cost of ownership
- Safe and hazardous area (ATEX) solutions
- Special design and modifications





Hydraulics and filtration

ERIKS' engineers can advise and implement solutions to upgrade and enhance the hydraulics and filtration systems on your vessel. Our teams are available to work closely with our customers to resolve any technical challenges, from energy efficiency to system reliability.

- System and power pack design team
- Volume hose production and kitting
- Oil and air analysis
- Vast stock, readily available
- Pump, valve and cylinder refurbishment
- Power pack design and production
- Complete hydraulic hose assemblies RVS 316/TI fittings
- Engineering manifolds
- Mobile system building
- Filtration system review

Open drives

The coupling, belt, chain drive or gear unit is the vital link between prime mover and driven machine in setting the speed, smoothing-out shock loads, and keeping things moving. As such, it demands careful selection, application and maintenance.

- Couplings for pumps, thruster drives and main drives
- Leaf chain for material handling
- Drive alignment and other maintenance tools
- Computer Aided Design (CAD)
- Application engineering
- Custom drive designs
- Problem solving
- Energy-saving advice

Sealing & Polymer



- Materials Technology Centre
- Computer-based design and FEA
- Test and development facility
- Qualified design and test engineers
- Manufacturing
- On-vessel support
- Quick supply specials
- Rapid prototyping
- Development of specialist compounds and materials for bio oils (EAL)
- Obsolete and non-standard manufacture, inflatable seals, profiles, molded parts vibration mounts etc.
- Application re-engineering
- Replacement part supply
- OEM initial sampling procedures
- Mechanical seal refurbishment
- Failure mode analysis

ERIKS develops, produces and supplies a vast range of high quality seals and elastomeric/polymeric custom parts. We are Europe's largest supplier of O-rings, and a world-class player in seals designs and development. ERIKS also keeps stock for a wide range of O-rings, Oil seals, V-rings and Hydraulic seals.





Tools, **Maintenance & Safety**



As a multi-product specialist, ERIKS plays a key role in the world of tools, maintenance & safety.

ERIKS supplies all important A brands and high quality private label products. We can standardise, consolidate and simplify supplying your maintenance tools, equipment and supplies, and provide a comprehensive range of 'head-to-toe' Personal Protection Equipment. ERIKS has extensive catalogs with quality products of hoisting and lifting equipment, adsorbents, wiping paper and non-woven fabrics, welding consumables, PPE and cutting tools. We also supplies tailor made maritime workplace

furniture and machines. Everything to keep your floating workplace running. For repairs and maintenance in a fire or explosion hazard area, the use of the right tools is essential. One unintended spark can lead to explosion and fire, resulting in possible human and material damage. To avoid arcing, the use of non-sparking tools is therefore essential. Whether Aluminium/Bronze or Copper/Beryllium alloys are needed, we supply the right tested and TÜV and ISO certified tools.

ERIKS

Maritime

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