

# COMPANY PROFILE







## Know-how makes the difference

### Market know-how

Our knowledge of market forces gained from our strong customer relationships flows right back through to the supply side (sourcing know-how). This enables ERIKS to bring new products and services to the market in a proactive and timely manner to meet changing demands.

#### **Product know-how**

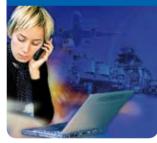
ERIKS possesses in-depth knowledge of products and their properties that we communicate via various types of technical documentation, electronic resources and in person to our customers.

#### **Application know-how**

ERIKS is able to understand the current applications and future concept requirements of our customers and translate them into practical product selections. We translate reliability and cost issues facing customers into revised design and alternative product selections (product development), and brainstorm with customers in the design and maintenance of new products and systems (research and development).

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Product processing

know-how (customising)

#### Product know-how



### Logistics know-how



## Knowledge needed to optimise the infrastructure

**Application know-how** 



### Product processing know-how (customising)

ERIKS is able to translate customer's concepts into new product specifications and supply from either our own in-house facilities or through third parties.

We also offer maintenance facilities and services for the broader range of components and systems supplied by ERIKS or any other source.

### **Logistics know-how**

ERIKS is able to analyse and streamline logistic flows to match our customers' demand patterns. Our logistic solutions are quickly and simply tailored to interlink with our customers (all the way from identification of the customers' needs, through to payment), both for the administrative side and the physical part flow. From simple component supply through to fully integrated solutions at customer facilities, we make procurement more efficient for the customer.

# Knowledge needed to optimise the ERIKS group infrastructure

In the field of production, logistics and ICT, ERIKS has the disposal over a modern and efficient infrastructure.

## ERIKS your industrial supply partner



Across Europe and further afield, manufacturers and production facilities are achieving ever-increasing levels of reliability with budgets that are under significant pressure. These forward-thinking men and women are customers of the ERIKS group who increasingly rely on the exceptional levels of local support backed by the extensive technical and logistical know-how provided by the ERIKS team.

### More than just a trading company

Our group of technical distribution companies procures, stocks, processes, sells and distributes a wide range of high-quality engineering parts and provides a highly developed range of technical and logistics services. ERIKS is an innovative, progressive and flexible partner to its customers while also having sufficient market share and volume to have a very strong and complementary relationship with its manufacturing partners.

#### **Expertise always on hand**

Currently, ERIKS consists of more than 4,300 employees, over 60 operating companies, and has a presence in 13 countries and 3 continents. ERIKS' activities are divided into eight clusters, which each serve a specific geographical market area.

ERIKS' range of engineering parts and associated services is divided into eight core activities each having their associated product groups.



## ERIKS your industrial supply partner







Working for more than 90,000 industrial customers supplying a range of more than 600,000 articles purchased worldwide from over 1,000 qualified suppliers/manufacturers requires an incredible 2 million shipments that are easily handled by the ERIKS logistics infrastructure. Sourcing of new producers and evaluation of existing suppliers and products occurs continually around the world to provide the most innovative, trustworthy and competitive products.

### Independent brand policy

ERIKS sources and supplies a wide range of quality brands from stock. We have strategic agreements and strong relationships with these brand manufacturers that are of immediate benefit to our customers. However, ERIKS sensibly operates in a brand-independent manner allowing us to supply every product or quality level that you may require to match with any application. Under our private labels including RX<sup>®</sup> we market a robust, growing range of highquality and competitive products. Only select manufacturers with ISO 9001:2000 certification produce these products and we work very closely with our manufacturers on product developments and manufacturing specifications. Other private labels are Fenner, Format, Flexitube, SRB and Futuris.



pioneer WESTON

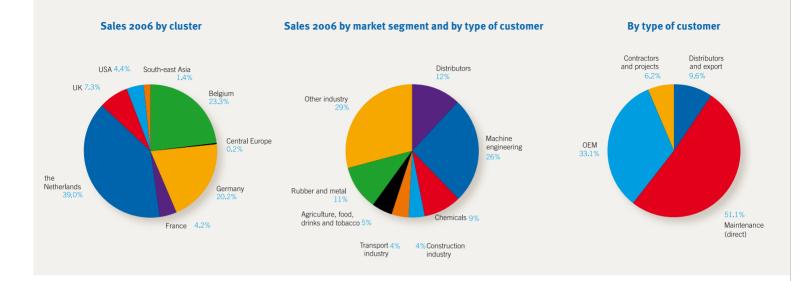








## Figures ERIKS group nv



## Two business models

ERIKS' strengths in logistics, product range and technical know-how allow it to successfully meet the differing requirements of both the MRO and OEM markets via one flexible logistics system. Product managers work from competence centres and maintain direct contact with key OEM and large MRO customers while regional managers and service centre operations primarily support the maintenance market.

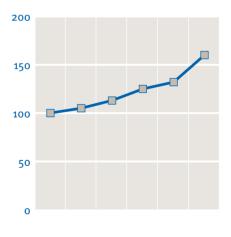
Large single-site or multi-site companies can call on the help of logistics teams to rationalise suppliers and bring MRO spending under strict control. From a simple 'one stop shop' supply agreement through vendor-managed inventory systems to a physical on-site presence providing complete procurement, inventory, stores, and maintenance solutions. For OEM and MRO customers with specific demands, ERIKS is able to:

- contribute to research and development
- supply parts and systems tailored to fit the application
- fulfil its role in quality assurance
- ensure efficient procurement and logistics
- ERIKS is the solution-driven supplier of modules

For maintenance customers with general demands, ERIKS is able to:

- supply product and application know-how
- offer maintenance services and repair facilities
- provide an efficient administrative and logistics concept for supplying a wide and deep range of services and products

## Net sales figure ERIKS group nv index (2001 = 100)



ERIKS group nv is listed on the official market of Euronext Amsterdam Stock Exchange.

For more information: www.eriks.com



## Core activities





- O-rings
- Dynamic sealing elements
- Mechanical seals
- Flange gaskets
- Rubber technology



### **Industrial Plastics**

- Semi-finished plastic products
- Machined and injection moulding plastics



### **Power Transmission**

- Hydraulic hoses and accessories
- Hydraulic components and systems
- Pneumatics
- Bearings
- Mechanical components
- Gear boxes, motors and pumps
- Electronic components and systems

## **Tools and Maintenance Products**

- Machines
- Workshop requisites



## **Specialist Technology**

- Pioneer Weston Sealing Technologies
- Revolvo Bearings
- Rencol Tolerance Rings
- WYKO Tire Technology



## **Technical and Logistics Services**

- Easy Order System®
- Machining
- Engineering
- e-Business
- Stock management



## Flow Technology

- Valves
- Plastic valves and plastic piping systems
- Instrumentation
- Industrial hoses and accessories



## **Electrical and Mechanical Engineering Services**

- Repair and refurbishment of key rotating assets
- Engineering
- Condition monitoring
- Maintenance programmes
- Imparcial repair and replace options



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## **O-rings**



Visit www.o-ring.info for specific information

ERIKS has developed an entire series of 200 compounds that satisfy various international standards. ERIKS also produces to FDA specifications in small quantities in over 40 compounds up to 5000 mm in diameter.

- standard range of 15,000 sizes in stock
- production of specific compounds
- international standards
- quality manual, data sheets
- Quad-rings<sup>®</sup>, back-up rings, cords
- compounds produced to the following industrial standards
- technical website with all the technical information www.o-ring.info
- online calculation program

free

## **Types of material**

- Teflex
- NBR
- EPDM
- CR
- ACM
- PUR
- Silicone
- Fluorsilicone
- Aflas
- Viton<sup>®</sup>
- Kalrez<sup>®</sup>
- High Purity compounds

KIM

Bfl



WRC

# Dynamic sealing elements



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## Oil seals

Available in all types and materials, in imperial and metric sizes. Available in NBR and Viton<sup>®</sup> for shaft diameters of 4 to 1500 mm. Standard stock of 5000 different items.

## **V-rings**

In addition to the standard rubber compounds, special quality products can be supplied from stock.

## **Hydraulic seals**

The range includes rod and piston seals, dirt wipers and guide rings. Available in PUR (polyurethane), fabric-reinforced NBR and special PTFE compounds.

## **Overhaul of mechanical seals**

A fully equipped in-house workshop is available.

### Sales program

- oil seals
- V-rings
- hydraulic seals
- mechanical seals revision
- PS seals
- Eriflon PTFE seals
- Klozures<sup>®</sup>
- stuffing-box packing
- pneumatic seals
- multiseals
- energized PTFE seals
- simmerings

Recommend and develop elastomer compounds to meet your most demanding applications.







## **Mechanical Seals**



Chosen around the world by engineers for critical sealing applications, mechanical seals supplied by ERIKS are designed to meet industrial and automotive requirements for both OEM and maintenance markets with a range of standard and custom solutions to cope with ever more demanding applications.

With the Pioneer Weston range and access to other industry standard products, ERIKS offers a rapid replacement service supported by fitting, repair or refurbishment options to achieve an unbeatable overall mechanical sealing solution.

### **Standard Range**

Seals selected from the wide range of standard sizes are supplied from stock and cover a broad range of styles, sizes and materials and quantities to suit both production and maintenance customers.

#### **Custom Design, Innovation Testing and Manufacture**

Solutions specifically designed and manufactured for customer applications incorporate innovative design and are produced to an exceptional quality and dynamically tested with full certification. Experience in advanced materials, from ceramics and silicon carbide to carbon and various high-performance metals further enhances performance. Assured quality for guaranteed reliability.

### Repair

Maintenance and plant engineers can benefit from a cost-effective and efficient alternative to replacing expensive mechanical seals thanks to a comprehensive repair capability. Refurbished seals can cost half that of a new unit, offer the same service life and once identified can usually be supplied next day, enabling customers to reduce costly downtime.



## Flange gaskets



Thanks to our specific process, product and application knowledge, ERIKS is capable of offering solutions for every flanged connection. Because of the extensive range of products ERIKS holds in stock, our well-equipped production facilities and our local presence, our products can be delivered rapidly. The quality products from our reputable suppliers enable us to supply to every specification.

## Metallic and semi-metallic gaskets

- spiral wound
- serrated
- ring type joints (RTJ)
- flat or profiled metal rings
- metal jacketed
- metal O- and C-rings

### **Gaskets cutting**

- graphite
- fibre (including Aramide, glass)
- PTFE (pure, expanded and filled)
- elastomer (solid, closed cells, sponge)

## Other gaskets

- insulation sets for flanges
- manhole gaskets
- (heat) insulation (cloth, sheet, cord and tape)
- expanded PTFE band





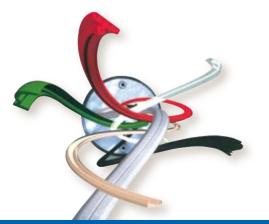


## **Rubber technology**



For over 60 years, ERIKS has been standing for innovation and quality in rubber technology. This experience and the years of cooperation with the main raw material producers are the ideal basis for a partnership with ERIKS.

ERIKS' engineers and specialists go through the complete development process together with you and select the correct product for each application, at a competitive price.



## Sales program:

- extrusion
  - cord
  - profiles
  - inflatable seals
- moldings
  - customized moldings
  - bellows
  - washers
  - traditional production
- cellular and sponge rubber
- vibration damping
- high purity seals and gaskets





Visit www.rubbertechnology.info for specific information





## Hydraulic hoses and accessories



ERIKS offers a complete range of hydraulic hoses, piping, couplings and accessories, used to build reliable and leak-free systems. The high level of knowledge that is converted into actual added value, combined with a wide spectrum of suppliers, makes ERIKS an ideal partner for both MRO and OEM customers.

## Production and added value

- production of hose assemblies; on site
- prefabricated piping and orbital welding
- research & development, including prototyping
- rapid 24-hour repair service

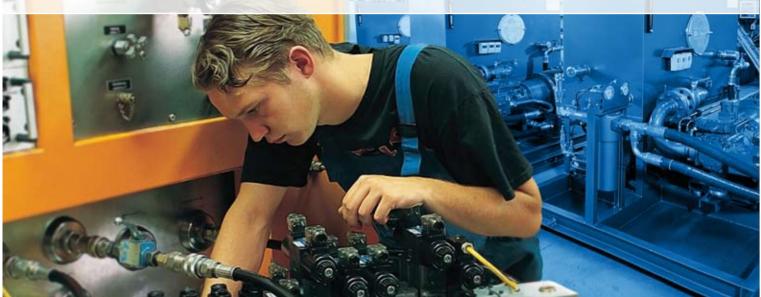
## Sales program

- hydraulic hoses; rubber and thermoplastic
- hose couplings
- quick-release couplings
- SAE flanges
- adaptors
- ball valves
- test connectors
- piping and pipe connectors
- hose and pipe brackets





## Hydraulic systems and components



The ERIKS group represents a number of leading manufacturers of hydraulic parts. Working with you, ERIKS assists in selecting the correct components using our skills to translate applications into technical solutions. ERIKS offers sophisticated service concepts. ERIKS carries out repair and overhaul work in certified workshops.

## Solutions and service

- tailored design, manufacture and installation of hydraulic systems and cylinders
- customer's maintenance concepts
- oil management and filtration
- rapid mobile repair service
- overhaul of hydraulic systems and cylinders in our workshops or on site

## Sectors of industry and applications

- mobile sector (compact high-power transmissions)
- metal processing industry
- (petro)chemical industry (explosion-proof generators and stainless steel ring mains)
- offshore (deep sea generators and winch transmissions)
- container generators for ground drilling installations
- bow thruster transmissions for marine applications
- infrastructure (hydraulic installations for sluices, bridges and water treatment plants)







The range of applications using compressed air for driving mechanical parts or controlling machines is on the rise in an increasingly diverse range of industrial sectors.

The ERIKS group uses its expertise to advise on, support and sell those products that equipment factures need to build their machines and installations economically and successfully. ERIKS ensures the continuity of production processes.

In doing so, ERIKS cooperates with most of the worlds leading manufacturers. ERIKS provides advice when installing compressed air installations and networks.

## **Product range**

- cylinders
- shut-off valves
- compressors
- control groups
- pressure and flow meters
- pressure regulators
- pressure switches
- (quick-release) couplings
- manometers
- valves
- control boxes
- piping
- check valves
- vacuum engineering
- compressed air treatment
- filters
- water separators



## Bearings



Bearings are critical parts in most production installations. In-depth knowledge of these products and their applications allows ERIKS to offer an extremely wide range of roller bearings and linear motion elements as well as all the related services. Rest assured that ERIKS can deliver the solution best suited to your application, from an urgent delivery for a breakdown to a full asset optimisation for improved productivity and efficiency.

## Product range

- ball bearings
- cylindrical and spherical roller bearings
- needle roller bearings
- tapered rolling bearings
- carb bearings
- thrust bearings
- spherical plain bearings and rod ends
- high precision bearings
- miniature bearings
- slewing rings
- bearing units and housings
- housings and components
- split bearings and units
- special material and dimension bearings

- maintenance-free bushes and bearings
- sensor-bearing units
- metric and imperial size bearings
- stainless steel and plastic bearings

## Services

- Stock optimisation
- adapted logistics solutions
- technical trainings
- (re-)engineering of your equipment
- failure analysis (bearings and lubricants)
- bearings and spindles reconditioning
- assistance on site: mounting/ dismounting, alignment, balancing,...

- condition monitoring
- Iubrication programme
- proactive maintenance programme
- full integrated maintenance programme

## **Linear Motion**

- linear ball bearings
- precision shafts
- profiled rail systems
- ball and roller screws
- control and positioning systems
- ball transfer units

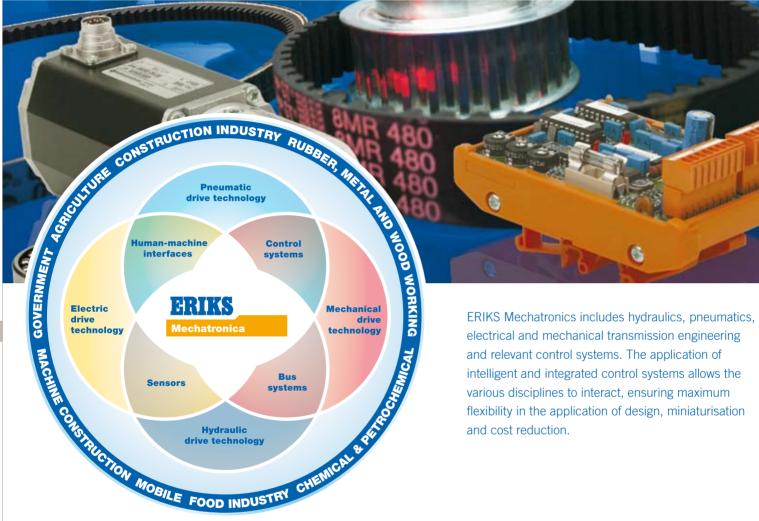
### **Revolvo Bearings**

Revolvo is a leading manufacturer of custom high-performance bearings and a subcontract supplier to some of the world's major bearing companies.

Revolvo are also a major force in the split roller bearing market with the SRB product range. Split roller bearings are bearings totally split to the shaft in order to ease replacement, thus reducing downtime, and are supplied through the ERIKS network and selected Authorised Distributors.



## **Mechatronics**



In the field of mechatronics, ERIKS can work together with your engineering department in various partnership forms where (precision) mechanical constructions and more robust industrial applications are concerned. Application and mechanics engineers support your technical department with their specific knowledge when commissioning installations or carrying out repairs to your systems.

- synergy in motion control
- 3D CAD designs (multi-level)
- printed circuit board and software development
- pre-testing and certification (EMC)
- prototyping and kitting
- small-scale serial production

# Mechanical transmission



In the field of mechanical power transmission ERIKS offers an in-depth product and application know-how.

The ERIKS group supplies a wide range of power transmission drives. In ERIKS' well-equipped in-house workshops, friction layers, sprockets and carriers are machined up to any customer requirement. This capability includes toothed belts for applications in transport engineering, fitted with carriers, or friction layers and sprockets in various types of material with the most wideranging machining, as well as attachment chains. ERIKS' in-house production facilities enable us to carry out this work.

## Product range

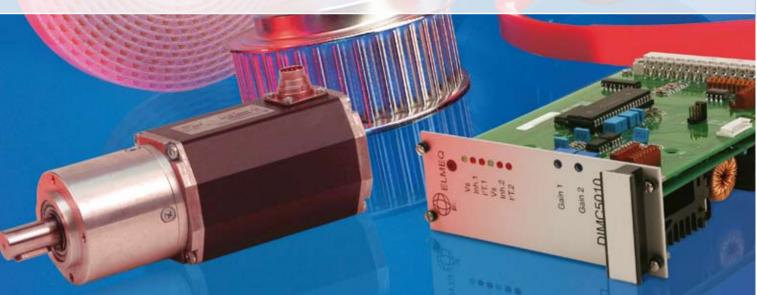
- V belts
- V pulleys
- timing belts, rubber and PU
- timing belt pulleys
- chains
- sprockets, taper lock and pilot bored
- drawing made V pulleys, sprockets and timing belt pulleys
- flexible and rigid couplings
- shaft fixings, taper lock, trantorque
- taper lock hubs and adaptors, Bolt-on-hubs and Weld-on-hubs







## **Electrical transmission**



ERIKS engineers are specialists in electronics, precision engineering and information technology. ERIKS contributes to the research and development of its OEM customers.

### **Rotating electrical and mechanical transmissions**

- motors with short circuit rotor
- DC and AC (servo) motors
- stepper motors
- (geared) motors
- (planetary) gearboxes
- worm gearboxes

### **Control equipment**

- (servo) amplifiers
- frequency converters
- controllers
- bus modules (communication via bus systems)
- power supplies

### Linear electro-mechanical transmission

ERIKS offers a wide range of linear transmissions, such as spindles, actuators and guides. Guides are mainly used for pick and place applications and for positioning in an X-Y-Z configuration.

- spindles
- actuators
- guides

## **DoorCon door systems**

An example of an in-house development is the modular system for electrically opening and closing sliding doors, hatches and hinged doors (inswing and outswing).









## Tools

- hand tools
- cutting tools
- clamping tools
- measuring tools
- abrasives
- welding and soldering tools
- safety equipment
- electrical tools
- pneumatic tools
- hydraulic tools
- metalworking machines
- workshop furniture
- special tools

## **Maintenance products**

- lubricants
- mechanical fasteners
- chemical fasteners
- workshop equipment









## Product range:

DIN & ANSI	gate, globe, check, piston valves, diaphragm valves, knife gate valves, tank bottom valves, plug valves, ball valves, butterfly valves
Connectors, fittings & instrumentation	fittings, instrumentation valves, pressure & temperature gauges
Safety relief valves	safety valves, flame arrestors, strainers, locking devices
Steam control and conditioning equipment	steam traps, measurement instruments, separators & condensate recovery systems, boiler valves, level gauges, sight glasses, strainers and filters, pressure reducing valves
Solenoid valves & control valves	
Specials	quick opening closures, complete launcher/receivers, hub-ends
Design range	ANSI, DIN, ASME, API
Pressure rating	ANSI150Lbs - 4500Lbs/DIN PN 2,5 - PN630
Applicable materials	nodular iron, bronze, steel, alloy steel, stainless steel, special high and low alloy steels





## Plastic valves and plastic piping systems



## ERIKS has an in-depth knowledge of

- process technology
- installation technology
- valve technology

## **Plastic valves**

The combination of ERIKS' knowledge of metal and plastic lined valves, and the behaviour of plastics has resulted in a unique plastic valve program for the most critical applications. All remote operated valves are in-house assembled and extensively tested.

## Pipes and fittings materials

- PVC
- PVC-C
- PE
- ∎ PP
- ABS
- PVDF
- ATEX-compliant plastics

## High purity

ERIKS offers a unique range of high-purity plastic piping and plastic valves, polished stainless steel diaphragm valves, ball valves and instrumentation.

- pharmaceuticals
- food
- fine chemicals
- cosmetics industry
- paper industry
- paint industry
- semiconductor industry





## Instrumentation



In industrial (manufacturing) processes, numerous process variables are measured, monitored and controlled continuously for the purpose of process control, production control, quality assurance, safety and environmental reasons. ERIKS offers an extensive range of products that conform with all CE standards and in accordance with other internationally applicable standards and specifications.

## **Control valves**

- globe type control valves
- diaphragm valves
- butterfly valves

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sliding-gate valves

## Measuring & control components

Instruments for measuring, controlling and monitoring pressure, temperature, level and flow.

Both standard products and customised products can be supplied.

## Complete range of valve operating components

- limit switches
- solenoid valves
- valve positioners
- pneumatic or electrically controlled valve actuators

For analogue control systems, but also for modern digital field bus control components, ERIKS supplies products for valve actuators made by top manufacturers. ERIKS fits these components to the valves in its own workshop.





## Industrial hoses and couplings



ERIKS is the leading European innovative hose supplier. ERIKS offers a high quality range of hoses, couplings and expansion bellows and also supplies related technical services.

## Sales program

- rubber hoses
- high purity silicon hoses
- plastic hoses
- metal hoses
- PTFE hoses
- composite hoses
- expansion joints
- hose couplings
- threaded- and flange couplings
- dry-break and quick couplings

### Accessories

- hose reels
- hose bun
- hose clamps

## **Specials**

- hoses safe to use in Ex-zones (ATEX)
- hoses free of animal derived ingredients
- electrically conductive
  (full ohm) hoses

## Production and added value

- application know-how for all branches of the industry
- specific custom made solutionshigh quality assembly equipment

- optimum assembly of couplings on the hose
- test facility (up to 3000 bar)
- material and test certificates
- on-site hose testing
- research & engineering
- certified welders, WPQ
- C.N.C. machine park

## Private branding

- RX<sup>®</sup>-hoses
- LMC couplings







## **Plastic semi-finished products**

### Industrial plastics

- polyolefine and PVC
  - ABS
  - PVC
  - PVC-C
  - HDPE
  - PP
  - PP'S
- fluorplastics
  - PTFE
  - TFM - PVDF

  - PFA - FEP
  - PCTFE
  - ECTFE

  - RULON
- engineering plastics
  - PA
  - POM
  - PETP
  - PBT
  - PC
  - HMPE
  - UHMWPE

- wear-resistant
  - elastomeric plastics
    - PUR
    - Rhino Hyde®
  - High-Performance
  - plastics
    - PEEK
    - PEI
    - PSU
  - PAI
  - Pl
- PPS
  - PES
  - PPSU
  - PPO
  - PBI
- fibre-reinforced plastics
- laminated paper PF
- epratex laminated
  - fabric PF
- glass-reinforced epoxy
- glass-reinforced
- polyester
- eritherm
- epratex bearing material

## **Transparent plastics**

- PMMA
- PETG
  - PET
  - PVC
  - SAN-uv
- PS

## Advertising, display and building plastics

- PVC foam
- PMMA
- PETG
- PC
- PS
- twin-wall roofing sheets
- sandwich panels
- Iaminate sheets
- engraving sheets
- prisma sheets

### **Glass-reinforced** construction plastics

- gratings profiles

ERIKS supplies a complete range of plastic sheets, rods and tubes: everything from semifinished to final products. ERIKS closely follows all technical developments in the field of plastics and is constantly applying this know-how into new customers' applications. ERIKS offers the right material for every application.





## Machined and injection molded plastic parts



## From sketched design to final product

Using their years of experience and an advanced machining facility, ERIKS manufactures every type of final product in-house. Starting from a sketched design, ERIKS manufactures plastic parts fully to specification. Flexible manufacturing allows the number of parts produced to vary from mere ones and twos to many thousands.

## **Machining options**

- sawing
- conventional and CNC turning and milling
- drilling
- bending
- gluing
- hot deformation (with a mould)
- cold setting
- welding
- polishing
- injection moulding







## **Electrical and Mechanical Engineering Services**





The multi-discipline electromechanical engineering service provides all-round support to keep customers' facilities fully operational and efficient.

### **Electrical Services**

- AC electric motors from fractional to 13.8kv
- DC motor repairs
- HV/LV generator & alternator
- HV & LV transformers
- HV & LV switchgear
- AC, DC and traction coil
- lifting magnets
- stepper, AC/DC brushed and brushless servomotors
- commutator and slip rings
- specialist coils
- demagnetisers manufacture and repair
- electrical plant maintenance and fault finding
- plant relocation
- work undertaken in our workshops or on your site

Providing complete build, repair and preventive maintenance solutions for electronic, electrical and mechanical systems, from small servos to the largest power generation systems, ERIKS also advises customers on improving the capability of existing manufacturing plant and optimising new plants at the design stage. A high degree of engineering know-how sets this service clearly ahead of others and strengthens the Industrial Distribution service, enabling ERIKS to offer the customer a truly unbiased 'repair or replace' alternative.

## **Mechanical Services**

- general machining services
- fabrications
- specialist bearings
- gearbox refurbishment
- gear cutting
- pump refurbishment
- reverse engineering of obsolete parts
- metal spraying
- spiral welding
- plant maintenance and fault finding
- including skilled labour for on-site cover
- dynamic balancing, on-site and in-works

### **Predictive maintenance**

- thermography
- vibration analysis
- laser alignment
- relay protection testing
- on-site dynamic balancing
- oil analysis
- current spectrum analysis
- ultrasonic surveys
- partial discharge analysis
- critical plant management



## **Electrical and Mechanical Engineering Services**



## **Electronic and Control Services**

When your control falters or needs a check, our electronics professionals will bring it back to tip-top condition, not only fixing the underlying fault but refreshing the whole drive.

As the complexity of control systems increases, so too must the skill and experience of the support services. By investing in people and equipment, we offer an unparalleled service for both emergency breakdowns and scheduled service/overhaul. Our technical resource and capability, coupled with the logistical network, allows us to keep your profits healthy.

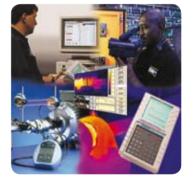
- inverters
- soft starts
- PLCs
- encoders
- DC Drives

### **Asset Management**

Drawing on our depth and breadth of assetmanagement experience, we can assist in improving production reliability through condition monitoring as part of an ongoing maintenance programme. Our asset-management procedures, for example, have accounted for reducing downtime from over 12% to under 5% where electronic equipment has been identified as the root cause of production stoppage.

Asset management, or any of the individual services, as well as our technical experts, are all available to help you in your quest for ultimate performance.

- power supplies
- instrumentation
- monitors
- servo systems





## **Specialist Technology**





Comprising four leading engineering firms serving global niche markets, these companies design, manufacture and supply highly-engineered tolerance rings, specialist bearings, precision tooling for tire production and standard and customised dynamic and mechanical seals. ERIKS benefits from Specialist Technology's strong engineering culture and OEM relationships.

### **Pioneer Weston Sealing Technologies**

The Pioneer Weston name has been at the forefront of sealing technology for over 50 years, designing, producing and supplying major OEM's with bespoke and standard dynamic and mechanical seals. The combination of research and design successes, material engineering and production capability has created seals that deliver value and performance in increasingly demanding applications.

#### Design

The extensive use of CAD and FEA reduces design lead-times while ensuring final product performance for all forms of dynamic seals.

### **Research and Development**

Innovative designs incorporating new forms and material compounds are refined using FEA modelling to predict performance capabilities.

#### Testing

Using computerised test cells to simulate the final application conditions including temperature, humidity, pressure and speed cycles as well as simulate abrasive conditions. This proves the design and production process for our customers.

## Production

Manufacture is ISO/ TS16949 certified for PTFE seals and ISO9001-2000 for Elastomeric seals.





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### **Revolvo Bearings**

Revolvo is a leading manufacturer of custom highperformance bearings and a subcontract supplier to some of the world's major bearing companies. Revolvo is also a major force in the split roller bearings market with the SRB product range. These bearings are supplied through the ERIKS network and selected Authorised Distributors.

### **Rencol Tolerance Rings**

Rencol is the world's main supplier of tolerance rings used as fastening devices to control torque and slip and to reduce vibrations.

Tolerance rings are individually developed for each customer-specific application and then volume produced to very high levels of accuracy and consistency. Quality systems are ISO 9000-2000 and TS 19649 approved.

#### WYKO Tyre Technology (WTT)

The world's leading independent designer and manufacturer of tyre production tooling with a customer list covering most of the major global tyre manufacturers. The advantage of the partnership approach, backed by a strong engineering pedigree and a significant portfolio of patented technologies, has enabled WTT to build a market leading position. WTT has design and technical centres in the USA (Tennessee) and the UK.





## Technical and logistics services



## Flexible supply channels

We recognise how crucial our performance is to yours. Our success comes from our ability to reliably deliver our products and technical services to you on time and in a way that seamlessly interlinks with your procedures, adding value to your business along the way.

## From local support

Delivered by knowledgeable staff from local service centres that interlink seamlessly in to your systems and procedures and support;

- flexible on-line stock management and ordering systems
- telephone based ordering with direct overnight dispatch
- visit, or simply phone one of our local service centres to arrange collection or delivery
- a infinitely flexible range of vendor-managed inventory (VMI) solutions

### To Integrated sourcing

Adopting a managed service offering is considered best practice in today's environment of sweating assets to deliver bottom line profits. Integrating maintenance, repair and operational (MRO) spend and processes with a partner such as ERIKS and utilising their specialist logistics, sourcing, and technical know-how has reduced MRO spending by over 10% year on year. As one of the most experienced and successful integrated-supply providers in Europe, ERIKS currently works with some of the most progressive companies to deliver annual savings and release essential resources to be refocused where they can deliver profit to your bottom line. Savings & performance improvements from;

- reduced stock
- reducing waste
- improved product selection
- repair/replace options
- increased buying power
- carriage charge reduction
- energy efficient products
- effective services
- technical expertise
- stock profiling
- logistics optimisation

ERIKS know-how makes the difference

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ERIKS

## Technical and logistics services



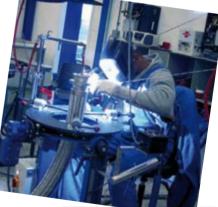
## Technical services

In the absence of a standard product, we can engineer and manufacture a solution fitted to your application. Not surprisingly, ERIKS has extensive engineering and processing facilities available and is able to deliver every conceivable solution within the entire range of mechanical engineering components.

## Examples of engineering and machining

- assembly of (hydraulic) hoses and couplings
- testing, certification and repair of hoses
- customised pneumatics
- design and manufacture of electrical transmissions
- machining of plastics
- punching, water jetting and kitting of seals

- conversion of valves
- mechanical seals revision
- machining of special seals
- design of complete hydraulic systems
- manufacture of cylinders and generator sets
- manufacture of high-pressure couplings







## Easy Order System®



**Total cost of supply** 

Besides a complete range of technical components, ERIKS offers an extensive package of technical and logistics services via the Easy Order System<sup>®</sup>. With this system ERIKS makes it possible to substantially simplify the total procurement process for large packages, or even to outsource it completely. ERIKS' technical and logistics solutions help you to reduce the Total Cost of Ownership (TCO) and thereby increase the competitive capacity of your company.

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The ERIKS Easy Order System® represents a wide package of well-developed technical and logistics services including:

ERIKS Field Service Team

B BERIKS

(072) 514 15 14

- customer-specific products and packaging
- 'ready-to-use' sets put together from separate components
- flexible delivery possibilities
- local presence in all important industrial centres
- contact and service 24/7
- customer-specific stocks available, either from central stores or the nearest branch

complete control of delivery

0

- VMI solutions, complete with barcode scanning
- wide range of e-Business solutions
- internet portal TradCom
- on-site inspection, testing and repairs
- R&D and training facilities
- planning and supervision of production stops
- carrying out quick-scans aimed at reducing the TCO

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MRO OEM

	[BE] ERIKS nv	[BE] Baudoin nv	[BE] Vemoflex nv	[BE] Hydromeka nv	[BE] LMC Couplings nv	[BE] IECO nv	[BE] Vermeulen nv	[BE] Elmeq bvba	[L] Baudoin nv		[PL] Paserotti [DI] Mowta	[D] Heusinger + Salmon Bielefeld GmbH	[D] Heusinger + Salmon Mangelsdorf GmbH	[D] Heusinger + Salmon Hamburg GmbH	[D] Ehlers GmbH	[D] Hyd-Kraft Technische Handels GmbH	[D] Hill & Müller GmbH	[D] Schötz Industriete chnik GmbH	[D] Steinebronn Industrietechnik GmbH	[FR] ERIKS sas	[FR] Baudoux Industrie sas	[FR] Campion sas	[FR] Vemoflex France Nord & Industrie sarl	[FR] Vemoflex France Sud sarl	INI] ERIKS by	[NL] ERIKS Servicecenters	[NL] Flexion bv	[NL] Van Eyle & Ruygers-Schwartz bv	[NL] ERIKS/Bruhamij bv	[NL] Elmeq Nederland bv	[NL] Door Con by	[NL] Noton by	[NL] Betaflex bv	[NL] Baudoin by	[UK] WYKO Holdings Limited	EDIKC Sincenara	EKIKS Singapore FPIKS Malaisia	EKIKS Indonesia	[USA] ERIKS Southwest, Inc.	[USA] ERIKS West, Inc.	[USA] ERIKS Midwest, Inc.	[USA] Turpen and associates
0-rings	•	•				•			•	•		•	•	•	•	•	•	•	•	•	•	•			•	•		•						•	•			•	•	•	•	•
Dynamic sealing elements	•	•				•			•	•		•	•	•	•	•	•	•	•	•	•	•			•	•		•						•	•	•		•	•	•	•	•
Flange gaskets	•	•								•		•	•	•	•	•	•	•		•	•	•			•	•		•				•		•	•			•	•	•	•	•
Rubber technology	•	•							•			•	•	•	•	•	•	•		•		•			•	•		•						•	•			•	•	•	•	•
Mechatronics Hydraulic hoses and accessories		•	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	-		•			•	•	•		+					
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Plastic piping	•	•							•											•					•	•						•		•	•			•				
Machined and injection molded plastic parts	•	•							•																•	•			•					•	•				•	•	•	•
Plastic semi-finished products	•	•							•													•			•	•			•					•	•			•	•	•	•	•
Tools and maintenance products		•							•	1											•	•				•		•						•	•		T					

## Who delivers what?

## Operations

## the Netherlands

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#### Noton by

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#### **Flexion by**

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#### DoorCon by

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#### Betaflex by

Produktieweg 2 9601 MA Hoogezand Tel: +31 598 39 29 20 Fax: +31 598 39 88 31 F-mail: info@betaflex.nl www.betaflex.nl

## Elmeg Nederland by

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#### Elmeg byba

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#### Baudoin ny

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Charleroi	Tel: +32 7 136 08 88
Genk	Tel: +32 8 932 27 27
Gent	Tel: +32 9 269 15 70
Mons	Tel: +32 6 534 80 38
Luik	Tel: +32 4 246 76 60
Roeselare	Tel: +32 5 125 29 00
Turnhout	Tel: +32 1 441 84 16
Mekanische	
Konstruktie	Tel: +32 1 434 64 34

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#### Raudoin nv

for details: refer to our Belgian central branch operation

#### With local branch in:

Tel: +352 400 605 Howald

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#### One dial number to your local UK branch: 0845 006 6000 or visit www.wyko.co.uk

#### Branches outside the UK:

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he Netherlands	sTel: +31 102 931 931
Belgium	Tel: +32 237 725 65
reland	Tel: +353 185 685 40
Slovakia	Tel: +421 244 372 895
Czech	
republic	Tel: +420 476 100 501
Vigeria	Tel: +234 189 611 80

#### WYKO Electro-Mechanical Services

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#### WYKO Seal Services

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#### Pioneer Weston International

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### Rencol Tolerance Rings

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## Singapore

#### ERIKS pte ltd

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With partner branch in: Jakarta Tel: +62 21 645 97 0

## Operations



A selection of the brands represented by the ERIKS group is stated below. The representation varies per region.



IBRIKS



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