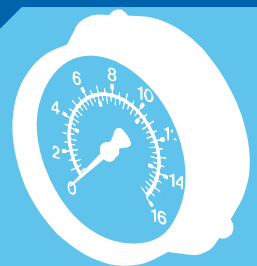




All the **HYDRAULICS, PNEUMATICS, FILTRATION**  
know-how you need



MARKET • PRODUCT • APPLICATION • CUSTOMISATION • LOGISTICS • INFRASTRUCTURE

know-how makes the difference

**ERIKS**



**Why should you partner with ERIKS?**  
One compelling reason is that we offer you fast, cost-effective access to an extensive range of world-leading brands. But this is far from all. Our exceptional product know-how, coupled with our range of in-house application engineers, means that we are ideally positioned to provide solutions based on a true understanding of your needs. Solutions which make a real difference to your business.

- Widest range of leading-brand products
- Expert specification and problem solving advice
- Design, build and installation
- Fully-authorised Eaton Vickers hydraulic repairer – one of only three in the UK
- Leading UK producer of hydraulic power packs
- Hire fleet – oil conditioning , monitoring and flushing equipment
- Over 30 dedicated ERIKS filtration, hydraulics and pneumatics engineers



# The ERIKS difference

## Perfectly positioned to meet your needs

Today ERIKS is the largest fluid power distributor in the UK. And the reason's simple: we offer a blend of products and services which is unmatched by any of our competitors, backed by an infrastructure finely tuned to the dynamic requirements of the industry. Whether you're looking for filtration, hydraulics or pneumatics services, you'll find we're perfectly positioned to meet your needs precisely, however simple or however complex.

## Many fields of expertise

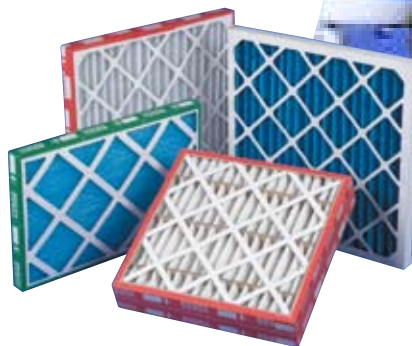
The combined expertise of our specialist teams is second to none, offering system-level knowledge and experience which allows them to analyse, diagnose and solve fluid power problems of all types and complexities.

## Complete solutions

From energy and system audits, to full system design and build, we deliver a solution which meets your goals. At ERIKS we think across traditional boundaries to deliver truly effective – and cost-effective – results.

## ERIKS Technology Centre

Providing expert specification and problem-solving support to the ERIKS UK service centre network, all members of our Technology Centre are chosen for their comprehensive knowledge and wide experience. From simple product identification, to installation and compatibility advice, the team quickly and efficiently eliminates problems and ensures the smooth running of our customers' plant and equipment. Part of a continuous training policy, our support staff are always up to speed with the latest products, technologies, tools and techniques.



Design



Test



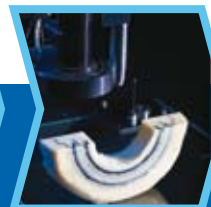
Service



Logistics



Manufacture



Quality





### **Market know-how**

To understand your needs we have to understand your market. And there's no-one with a wider – or deeper – knowledge of your market than ERIKS. Over the years feedback from thousands of customers, coupled with a commitment to service quality and technical excellence, has given us an unparalleled platform on which to base our service to you.

### **Product know-how**

With a massive bank of knowledge, covering all aspects of fluid power, we can provide you with expert advice on any product for any application. What's more with a large high-availability stock of leading-brand products, we can meet your requirements in the time-frame your industry demands. Our products comply with all regulatory environmental and safety standards.

### **Application know-how**

Whatever your application requirements we're up to the job. If you need a custom design for example, we'll work closely with you to translate your concept into a practical realisation, while if you want a repair or replace service we're ideally positioned to provide it. Our dedicated team of application engineers, coupled with decades of experience, enables us contribute at a level which is beyond most other suppliers.



# A full spectrum of services

Our expertise extends far beyond just product knowledge. In fact, we offer a tightly integrated suite of skills and services designed to deliver a solution precisely tailored to your needs.



## Customisation know-how

When we provide a custom solution it's precisely that: a system expertly tailored to the needs of the customer. And our experience and know-how means that we have the ability to deal with your brief, from the typical to the unusual. We have the products to build to your specification and the specialist skills to add special elements your application demands. Once delivered we offer full maintenance and support facilities to ensure you get a long-term solution at minimum cost.



## Logistics know-how

ERIKS' advanced logistics systems dovetail perfectly with your own processes for seamless service. Offering a broad range of supply options, from simple product supply to fully integrated solutions, we hold a very wide range of products from many of the leading names in fluid power, plus a comprehensive range of associated components.



## Infrastructure know-how

A market-leader for more than five decades, ERIKS combines robust processes, sophisticated logistics and expert support to provide an infrastructure which is finely tuned to the needs of the industry. When coupled with unique know-how, experience and teamworking skills, it is an infrastructure which enables us to deliver real value to you.

# Filtration

**ERIKS' filtration services offer a unique blend of know-how and experience.**

Whether you need clean compressed air to separate oil from water, or remove solid particulate from a chemical or other fluid, ERIKS has the solution. And if we don't we'll design one. Our team of filtration specialists has both the knowledge and experience to apply standard filtration techniques where appropriate, or to bring flexible, innovative thinking to bear on the problem.

- **Environmental Air filtration (HVAC)**
- **Dust & fume control**
- **Hydraulic Filtration**
- **Compressed air**
- **Process Filtration – water, chemical, food, pharma**
- **Automotive and engine**

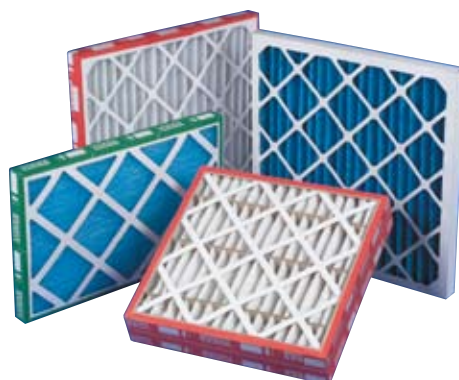
## **Helping you to reduce costs**

At ERIKS we have a team of filtration specialists dedicated to the support of filtration users and associated products. Working closely together with our partner suppliers, this team delivers a complete range of services, all with a single aim – to help you reduce your operating costs and to maintain and improve equipment reliability.

## **Understanding your needs**

Our understanding allows us to define system cleanliness requirements and to ensure they are met through the application of appropriate filtration and fluid conditioning services. Our auditing and benchmarking procedures are fully compliant with industry Best Practice.

- **On-site fluid sampling and analysis**
- **Full laboratory services**
- **Design, application and troubleshooting support**
- **Diagnostics, purifier and off-line filtration units**
- **Tailored 'filterCare' support packages**
- **Commodity management and integrated supply**







- Full range of leading-brand products
- Productivity and cost improvement programmes
- Impartial problem solving expertise
- Training and support from your local service centre

**The knowledge and the experience to  
meet – and exceed – your expectations**



- Complete Technical Support
- Repair, Replace, Maintain
- Design and manufacture of Hydraulic Systems
- Unrivalled multi-brand approach
- Comprehensive test facilities

*"An unrivalled ability in hydraulic systems design,  
installation and manufacture."*



# Hydraulics

## From single components to large-scale custom projects

Today, hydraulics is one of the most important areas of industrial technology, from the application of large, multi-axis forces, to performing delicate and highly-accurate tasks. Clean, energy-efficient and safe, it's a technology which is widely used throughout the world. And ERIKS is one the most experienced hydraulic product and solution providers in the industry.

From the smallest component to the largest turnkey project, ERIKS can provide a truly effective solution for your hydraulics requirements. As well as offering a full range of leading-brand products, we operate an engineering facility dedicated to design and manufacture, offering access to an unrivalled ability in hydraulic systems design, installation and manufacture. From aerospace to automotive, mechanical handling to marine applications, you can be confident that we have the knowledge and the experience to meet – and exceed – your expectations.

- **Hydraulic hose and accessories**
- **Fluid conditioning**
- **Hydraulic components and systems**
- **Service, design and manufacture**



## The flexibility to meet your needs

At ERIKS we have the know-how and ability to supply hose assemblies in the way that suits you best. With a state-of-the-art production facility that's ideal for volume requirements, we also offer a next-day replacement and repair service through our Service Centres. For customers who want to take advantage of the flexibility and cost benefits of self-assembly, our fully-integrated and guaranteed packages are exceptionally easy to use and produced to factory standard. Plus we offer on-site training to all operators - completely free of charge!



## Hydraulic Repairs

Specialists in repair of leading brand products including pumps, cylinders, valves and accumulators

### Cooling

Oil-air coolers, bell housings with integral air coolers and plate coolers

### Monitoring

Effective system monitoring as part of a preventative maintenance strategy

### Accumulators

The optimum solution for every type of application

### Hydraulic Oil

Exceeding ISO standards and improving the performance of your factory equipment

### Fluid Control

Working with a supplier with high levels of technical expertise can play a key role in helping you to maintain productivity and minimise costs.

At ERIKS, our technical capabilities are acknowledged to be among the most advanced in the industry.

This know-how, coupled with our multi-brand approach, makes our offer unique.

- **Pumps**
- **Valves**
- **Motors**
- **Actuators**



# Pneumatics

**Whether you have a straightforward product requirement, or want a full air cleaning service, ERIKS can meet your needs.**

## **A product provider and problem solver**

As the UK's largest distributor of pneumatic products, we stock a comprehensive range, with 24/7 availability and real-time visibility, from the world's leading manufacturers. Our application know-how means we can supply complete solutions, whether it's a small modification to existing plant or a complete machine - including integrating with existing control systems. We also have the ability to configure parts and provide modular assembled products – enabling cost effective customisation to your requirements.

- **Control valves and actuators**
- **Air preparation equipment**
- **Fittings, tubing and accessories**
- **Air leak surveys**

## **Less energy means more profit**

At ERIKS, we're not just a brand provider and systems integrator. We're a problem solver and energy saver, too. And optimising your systems for air consumption is just one of the ways we can help you cut costs. Often, this involves relatively simple things, such as the isolation of non-operating plant, improving air quality and reducing operating pressure – but they can all have a significant impact on compressed air consumption, thereby increasing efficiency and profitability.







**ERIKS also offers a full range of training packages that can be delivered in-house or in conjunction with our partner suppliers. Our Express Manufacturing Service guarantees next-day delivery of customer-specified valves, terminals and cylinders.**

#### **From distribution to point of use**

Before distributing compressed air, it is important to eliminate natural contaminants that can cause today's high precision pneumatics system to fail almost immediately. ERIKS has the know-how and the products to help you do this. At the point of use, we can determine the precise levels of flow and pressure required by your application, and its tolerance to contamination, and recommend the use of appropriate filters, regulators and lubricators to meet your specific needs. The result is improved performance and a longer equipment life-cycle.

- **Modular assemblies and separates**
- **Filters**
- **Regulators**
- **Lubricators**
- **Soft starts/dump valves**
- **Intelligent and networkable monitoring systems**
- **Coalescing filter assemblies and replacement elements**
- **Refrigerant dryers**
- **Dessicant dryers**
- **Water separators**

#### **Eliminate leaks. Save money**

Air leakage is the single largest waste of energy associated with compressed air systems, with rates typically in excess of 50% of site consumption. But such waste is completely avoidable – especially with today's advanced ultrasonic leak detection techniques, which can identify leaks from over 50 feet away, even in noisy plant areas. What's more, you don't even have to invest in ultrasonic equipment – our ultrasonic surveys are fast, efficient and effective and could save you a fortune in compressed air costs.



- **Widest range of leading-brand products**
- **24/7 Stock availability from UK's largest distributor stockholding**
- **Expert application knowledge and problem solving advice**
- **System design, build and installation**



**Engineering solutions for industry – You're looking for more than just a first-class product service. You're looking for engineering support too – plus the experience to make it count. That's why you should partner with ERIKS Hydraulic Engineering. Our system know-how is second to none.**



- Full engineering solutions
- Unbiased problem solving
- Unrivalled technical resource
- Kitting
- Full range of mobile hydraulic solutions
- Global Supply Chain Management





# Engineering and Production Services



At ERIKS we have the expertise to manufacture complete engineering solutions utilising hydraulics, or fluid engineering, at their core. Our highly experienced engineers are familiar with the integration of every aspect of a solution, from electronics, controls, mechanics, etc, in order to meet your precise application requirements. Supported by an exceptionally strong project management team, and working closely with our customer throughout the project life-cycle, we are able to build every system within the budget restraints, and on time.

We also offer an extremely efficient and cost-effective hose and piping service, designed to meet the production-line needs of manufacturers by building volume hose and piping assemblies which are supplied in pre-assembled kits. Other customers take advantage of our expertise in mobile systems design and building of kits for any application which uses a powered hydraulic system on a moving platform from lifts to cranes and from earth moving to articulated arms.

## **Reducing your total Supply Chain cost**

As spiralling commercial pressures emphasise the need for OEMs to reduce their supplier base and cut inventory, the benefits of bringing in a specialist for design and subassembly are becoming increasingly clear. But finding a partner both willing and able to assume full project ownership and accountability isn't easy. That's where ERIKS comes in.

## **The perfect partner**

With teams of engineers across the range of fluid power disciplines, from filtration to pneumatics, as well as related fields such as control systems and electronics, we can supply fully engineered solutions for even the most complex problem. Coupled with our sophisticated project management skills, focused on delivering a solution which meets and exceeds your expectations, our engineering capability offers you a complete end-to-end service unparalleled in the industry. Add the ability to cater for all lineside, JIT and Kan Ban supply systems and you have a partner who is ideally qualified to help you reduce costs and increase margins by streamlining your Global Supply Chain Management.



# Energy, environment, safety

## Helping yourself by helping the environment

In today's industry, effective energy management is both a moral and regulatory obligation. It also makes commercial good sense. After all lower energy consumption means lower costs. That's why, in recent years, we've bought all our experience and knowledge to bear on the problem of how to deliver energy-efficient solutions. And the results have been spectacular. Today we boast a long list of customers - ranging from car manufacturers to dairy products producers - who have seen large and measurable savings as a result of our energy-saving expertise.

## End-to-end solutions

At ERIKS, our know-how encompasses all aspects of energy management. From negotiating tariffs, to using the latest techniques and technology to reduce energy consumption, our specialists - covering every field, from pneumatics and lubrication to drives and motors - have the experience and expertise to work with you to ensure your system delivers lifetime energy and cost-optimisation. In fact our Energy Management Programme, launched a decade ago, is today a key resource for many forward-thinking companies looking to minimise their energy consumption and costs.



- Consultation
- Recommendation
- Supply, install, commission,
- Ongoing support
- Training

## Condition monitoring

Condition monitoring forms an integral part of the ERIKS Energy Management Programme, allowing processes, equipment and environments to be assessed for inefficiencies. Delivered either as part of the Paragon Asset Management system, or as a separate service, condition monitoring will not only identify defects, but will also identify the root cause of failure so that we can engineer it out.

## Environmentally friendly and ATEX-compliant

At ERIKS we can help you improve your system and site efficiencies while reducing your carbon footprint. Our product range includes ISO 14001 accredited components, designed to minimise impact on the environment while reducing energy consumption. We also offer a full range of fluid power components that meet EU ATEX 94/9/EC requirements, as well as the CE Marking Directive. But the supply and installation of energy-efficient products is just one small part of ERIKS' capability. We offer the full spectrum of services, from initial consultation, through system analysis and recommendation, to training and ongoing support. Energy efficiency begins with a call to ERIKS.





*"Working with you to ensure your system delivers lifetime energy and cost-optimisation."*

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**ERIKS**