

**ERIKS**

Keeping your operations moving

**Fluid Power**



# Welcome to ERIKS

## Your Specialised Industrial Service Provider and the largest Industrial Distributor in the UK.

We offer a wide range of engineering components, technical services and customised solutions to all areas of industry, through a national network of Service Centres, Workshops and Onsite operations.

We are here to help you choose the right product, and to customise solutions specifically to meet your needs.

Our capabilities and know-how go far beyond fluid power alone. We are also a leading specialised industrial service provider for:

- Power Transmission (inc. Bearings, Lubrication)
- Sealing and Polymer
- Hose Technology
- Flow Technology (inc. Pneumatics, Hydraulics, Pumps, Valves and Filtration)
- Tools, Safety & Maintenance
- Engineering Repair Services
- Condition Monitoring Services



2 **ERIKS**

# What you need to know about ERIKS know-how

ERIKS' know-how is what makes us unique in Fluid Power. Where others only supply parts, ERIKS go beyond.

If the right part doesn't exist we can design and engineer it for you, using the latest CAD software.

Our experience across numerous industry sectors gives us the insight we need to solve your application issues. Our time-served application engineers can support products in the field, and identify opportunities for productivity improvements and upgrades.

We can suggest effective upgrades for your existing systems, to improve asset efficiency and reliability, enhance process performance, and reduce energy use and costs. And our bespoke product configuration capability enables us to meet all your kitting needs.

As an accredited member of the British Fluid Power Association (BFPA), ERIKS is your go-to provider of parts, support, and fluid power know-how.



# Our brand, your benefit

Flexion is the fluid power brand exclusive to ERIKS.

For over two decades Flexion has provided a comprehensive range of pneumatic and hydraulic fittings, tube, cylinders, valves and filter regulators.

With ready availability in the UK, and next-day delivery, Flexion is a brand built with ERIKS' expertise and founded on ERIKS' reputation.

So when you need a quality component at a competitive price, Flexion is the alternative you can rely on.

## **flexion**<sup>TM</sup>



# We work hard, to make fluid power work harder

Supplying products for your fluid power needs  
is the easy part.

Knowing the most cost-effective and efficient products, the most appropriate solutions and the most sustainable choices is harder.

Knowing how to reduce your Total Cost of Ownership and optimise your productivity is harder still. Knowing how to service, support and maintain products – from purchase to end of service life – is even harder.

But ERIKS' experience and expertise help to make it look easy. Our breadth and depth of partner brands enables us to meet all your fluid power needs, always.



Our supply partners



- Atos
- Aventics
- AVG Expel
- Bosch Rexroth
- Cejn
- Hydac

- Legris
- Pall
- Parker
- PCL
- Piab

# Pneumatics

## Efficiencies are in the air

More efficient pneumatics systems mean less energy used, less carbon emitted and more money saved. But you can't improve what you can't measure. So an Air Leak Survey is a valuable first step towards optimising compressed air use and maximising the efficiency of your pneumatics.

With the system surveyed and potential improvements identified, ERIKS can help you to capitalise on what has been learned, by providing the expertise and the products you need, including:

- **Application engineering** – identify issues and engineer solutions for greater performance and reliability
- **Air optimisation** – match compressor output to the system requirement, to optimise efficiency
- **CAD project design systems** – build effective panels, quickly and efficiently
- **Expel compressed air filter** – continuously removes 99.9999% of water, oil emulsion fluids and solid particulates down to 1 micron. Eliminates the need for filter element



## AVG EXPEL: The Future of Air Filtration

EXPEL: The Future of Compressed Air Filtration  
Innovation doesn't have to be complicated—sometimes, the simplest ideas have the biggest impact.

EXPEL is a revolutionary compressed air filter that removes contaminants with 99.999% efficiency, without the need for replacement elements or maintenance.

Unlike traditional filters that rely on membranes (which clog and degrade), EXPEL uses fluid dynamics to separate and discharge moisture, oil emulsion, and particulates—ensuring clean, reliable air supply.

Its sustainability benefits are game-changing. Conventional filters require frequent replacements, leading to waste and recurring costs.

EXPEL is fully cleanable, reusable, and eliminates landfill waste, offering a cost-effective and eco-friendly alternative.

The savings speak for themselves.

A manufacturer using a baghouse dust collection system installed EXPEL and immediately saw results.

250ml of moisture removed every two days, reduced energy use, and extended equipment life.

This led to an astonishing £72,260 in cost savings.



# Hydraulics

## Critical systems require a reliable partner

Your operations rely on hydraulics. So you need a supply, service and engineering partner you can rely on to keep them running – and keep them operating at optimum efficiency.

From hose to Hose Management, from CAD design to bespoke configuration, and from accumulator re-certification for insurance purposes, to BFPA training, ERIKS can meet all your needs for hydraulics, for life.



- **Hoses** – supplied and made-to-order. Full range of Flexion and Gates fittings, in-house testing. Next-day service available
- **Hose Management System** – a comprehensive hose survey, including condition and safety report, tagging, certification and hose management database creation
- **Servicing** – overhaul and repair of powerpacks and cylinders, piston motors and pumps. Service exchange of pumps from all manufacturers
- **CAD design** – create more efficient, more sustainable systems
- **Application engineering** – on-site support for issues, improvements and new products
- **Powerpacks** – from 1.5 - 55kW. Design, install and commission. Fault diagnostic information provided, together with test certification, spare parts lists and data sheets
- **Valves** – bespoke configuration
- **Oil analysis** – identify system contamination
- **Training** – BFPA, Festo and Rexroth



# Air & Oil Filtration

## Run cleaner, run better

Keeping your processes cleaner for longer helps to reduce energy use, increase efficiency and even improve sustainability – by reducing the amount of waste sent to landfill.

ERIKS can design and support your filtration systems, and supply effective solutions, to help you run cleaner, more efficient systems.

- **Project design and build** – ERIKS know-how applied to engineering the optimum system for your needs
- **Application engineering** – different applications demand different solutions. ERIKS engineers can provide them
- **Flushing and purification** – keeps your system and filters cleaner and more efficient
- **Oil analysis** – identification of particles found in fluid helps to protect critical assets
- **Onsite audits** – expert assessment of your system design, components and performance
- **Filter element management** – optimise filter element performance to reduce filter changes and enhance asset protection
- **Energy management** – ensuring higher air flow reduces energy use, and ERIKS' technical teams can also identify many other energy-saving opportunities



# Products & services at a glance



## Pneumatics

- Actuators (cylinders)
- Valve Terminals
- Manifolds
- Air Preparation (FRL)
- Fittings
- Vacuum
- Control Panels
- Instrumentation
- Tubing
- Sensors
- Control Tech
- Tools
- Grippers



## Hydraulics

- Hose
- Pumps
  - Vane
  - Piston
  - Gear
  - Radial
- Actuators (cylinders)
- Valves
  - HP Ball
  - Directional
  - Proportional
  - Control
  - Flow
  - Check
  - Relief
  - Needle
- Manifolds
- Accumulators
- Powerpacks
- Accessories
  - Gauges
  - Sensors
  - Tooling Lifting
  - Electronic Control Cards
  - Tanks



## Filtration

- Elements
  - Air Process
  - Hydraulic
- Housings
- Strainers

## Services

- Application Engineering
- System Design & Build
- Sub-assemblies & Kitting
- System Monitoring
- Air Leak Surveys
- Air Optimisation
- Energy Audits
- Servicing Compressors & Dryers
- Bespoke Product Configurable Valve Cylinders
- Contamination, Oil and Water
- Hydraulic Repair & Overhaul
- BFP Training
- Flushing, Purification and Hire Rigs
- Particle Analysis
- Filtration Custom Housing Design

For an initial meeting to discuss  
how ERIKS can help you, contact  
us using the details below.

ERIKS Industrial Services Ltd.

UK & Ireland Head Office:  
Seven Stars Road,  
Oldbury,  
West Midlands,  
B69 4JR

T : +44 (0) 121 508 6000  
E : [enquiries@eriks.co.uk](mailto:enquiries@eriks.co.uk)

[eriks.co.uk](http://eriks.co.uk)  
[eriks.ie](http://eriks.ie)

**ERIKS**



Let's make industry work better