

Valve automation centre

About us

At ACV, we provide high-quality valves and actuators from our extensive stock or through approved manufacturers, alongside bespoke, end-to-end engineered packages tailored to your requirements. Covering valve packages, manufacturing, pipe skids, testing, one-off items, and full project support, we provide expertise at every stage to solve problems and remove the complexity from your engineering requirements.

30+

Years

of experience in key industries

2

Locations

offering strategic EU and global reach

1

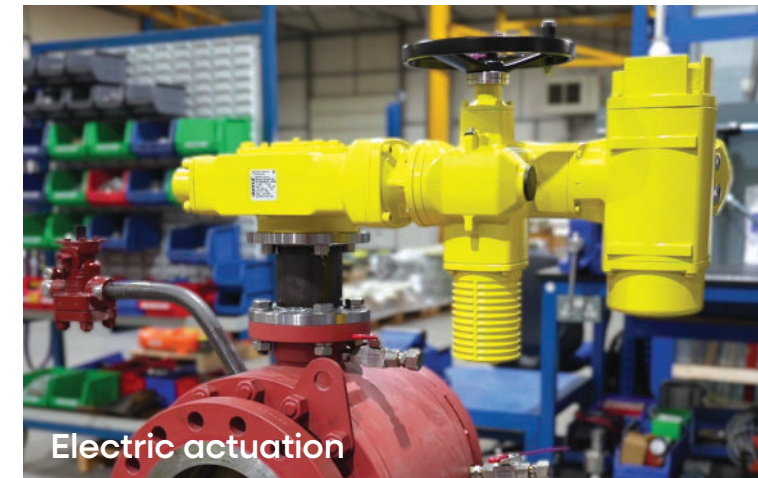
Trusted partner

to simplify your supply chain





Pneumatic actuation



Electric actuation



Instrumentation & control systems



Full service

Our in-house capability offers design, engineering, machining, assembly, function testing and full factory acceptance tests all under one roof, giving us control over scheduling and quality.



Extensive stock holding

We carry a large stock profile of actuators that complement our ball valve stock range of large-size and high-pressure trunnion mounted valves. These can be rapidly delivered as a fully assembled and function-tested package.

Our automation centre

We build complete valve and automation solutions tailored to your requirements, as well as off-the-shelf packages utilising our comprehensive stock range of pneumatic, electric, and fail-safe electric actuators, mounting kits, solenoids, positioners, and switchboxes. All of these options complement our in-house range of ball valves, plug valves and butterfly valves.

Our dedicated automation team works exclusively to assess your specific technical requirements and deliver a tailored automation solution, ensuring compliance to unique environmental and application details such as hazardous working areas (requiring ATEX, CSA, Inmetro or IECEx certification) and saline or desert conditions necessitating corrosion resistant materials, as well as accommodating cryogenic and extremely high temperature application requirements.

Our supply partners

Our full suite of actuation partners provide a comprehensive automation solution to fulfil industry variations that suit your requirements.



Pneumatic actuation



Electric actuation



Switchboxes



Electro-hydraulic actuation, solenoid valves and positioners



Electric actuation



Electric actuation



Electric actuation



Positioners

Pneumatic actuation

Our approach is centred around our unique partnership and stock holding with Air Torque S.p.A Italy, manufacturers of rack and pinion, scotch yoke pneumatic and hydraulic actuators.

Trusted partnership

Air Torque is the largest manufacturer of rack and pinion pneumatic actuators in the world and their products are supplied in aluminium, carbon steel and stainless steel. These ATEX and National Gas, VA1 and SIL approved quarter-turn actuators are the global leader in actuator manufacturing, with 100% Italian production and a reputation for quality, design and reliability.



Our stock options

Aluminium rack and pinion

Stainless steel rack and pinion for corrosive environments

HD carbon steel scotch yoke



Aluminium rack and pinion pneumatic actuators



Compact scotch yoke actuators for small and medium valves



Stainless steel rack and pinion actuators for corrosive environments



Scotch yoke heavy duty actuators with carbon steel housing

“ACV has been part of the Air Torque family for over 25 years, and we are very proud of this valuable and trusted partnership. Along with their success into the market and continuous growth, we recognise ACV’s innovation spirit, quality, experience and deep knowledge about actuators and valve automation.”

Albert Gotti
Sales Manager, Air Torque S.p.A

Electric actuation

We provide a comprehensive range of electric actuation and fail-safe electric solutions that cater to a wide range of applications and industries. Our diverse offerings ensure we can deliver the perfect solutions for a variety of requirements, offering unparalleled flexibility. This allows us to better serve the evolving needs of our customers in an ever-changing market.



Electric actuation

Our supply partners



Bernard

Bernard Electric actuators are built for harsh conditions, perfect for on/off applications in the oil and gas industry. We offer fast-track stock for the AQ and AQL quarter-turn actuators and the AQXL for hazardous areas (ATEX certified). For 'fail-safe' needs, we provide the ATEX-certified FQ spring return actuator. We also have access to Bernard's full range for customised solutions.

General industrial location and ATEX certified for hazardous areas

Basic control and smart 'logic' control available

Spring return 'Fail-Safe' available



AUMA

AUMA actuators are German-designed and manufactured for exceptional control and reliability in demanding environments. They are ATEX certified and National Grid VA2 approved for the UK gas supply network. Our fully ACE-trained engineers ensure proper mounting, commissioning, and testing of AUMA equipment.

General industrial location and ATEX certified for hazardous areas

National Gas VA2 approved

Auma 'ACE' trained & certified engineers



Rotex

Rotex electro-hydraulic actuators are highly reliable precision actuators, offering robust, fail solutions for demanding operations. They are certified with ATEX, IECEx, and SIL3 for safety and performance.

ATEX certified for hazardous areas

Aramco approved Spring return / 'Fail-Safe' operation



Asahi

As the UK distributor for the Series 92 & 94 'Quarter Master Chief' actuators, we offer durable, corrosion-resistant solutions with UL certification and optional ABS classification for marine and offshore use.

Heavy duty construction

Rotation up to 330° for multi-port valve orientation



Dresser

Dresser's RCS actuators, made in the USA for over 50 years, offer reliable valve automation and damper control across many industries. As the UK/Europe agent, we provide full sales, service, and technical support.

General heavy duty industrial location use

Options for ATEX & CSA certification

Accessories & components

Partnering with industry-leading manufacturers, our automation centre has established extensive stock of the most common components required for fast-track delivery.



Accessories & components

Our supply partners



Rotex

Delivering high-performance solenoid valves and valve positioners, Rotex are engineered for precise, responsive control. Designed for both on/off and modulating applications, their solutions ensure accurate positioning, reliable switching, and consistent performance in demanding environments.



Rotech

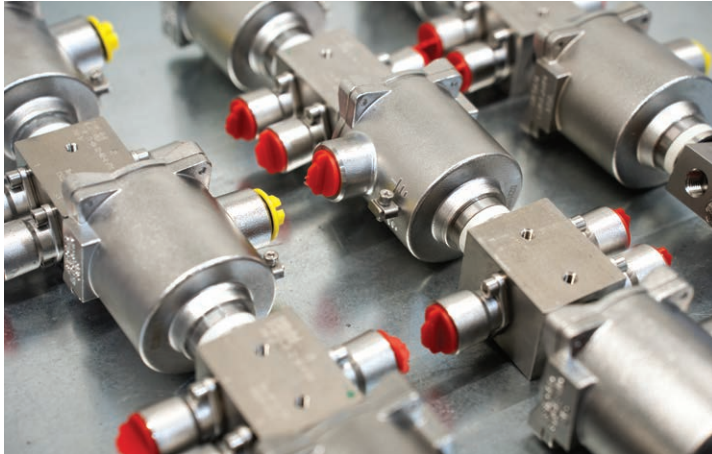
Rotech are a market leader in limit switchboxes and offer solutions for complex applications and feedback devices. Working closely with recognised industry standards committees, they have built up a range of over 2,000 different models, all with varying approvals that are globally recognised.



Instrumentation assembly

Our experience of dealing with instrumentation tube and fittings ensures accurate assembly of complex control layouts to suit our actuation packages. Following pre-defined schematic designs, our trained engineers are competent in using various brands of fittings in a number of exotic materials.

Swagelok • Parker A-Lok

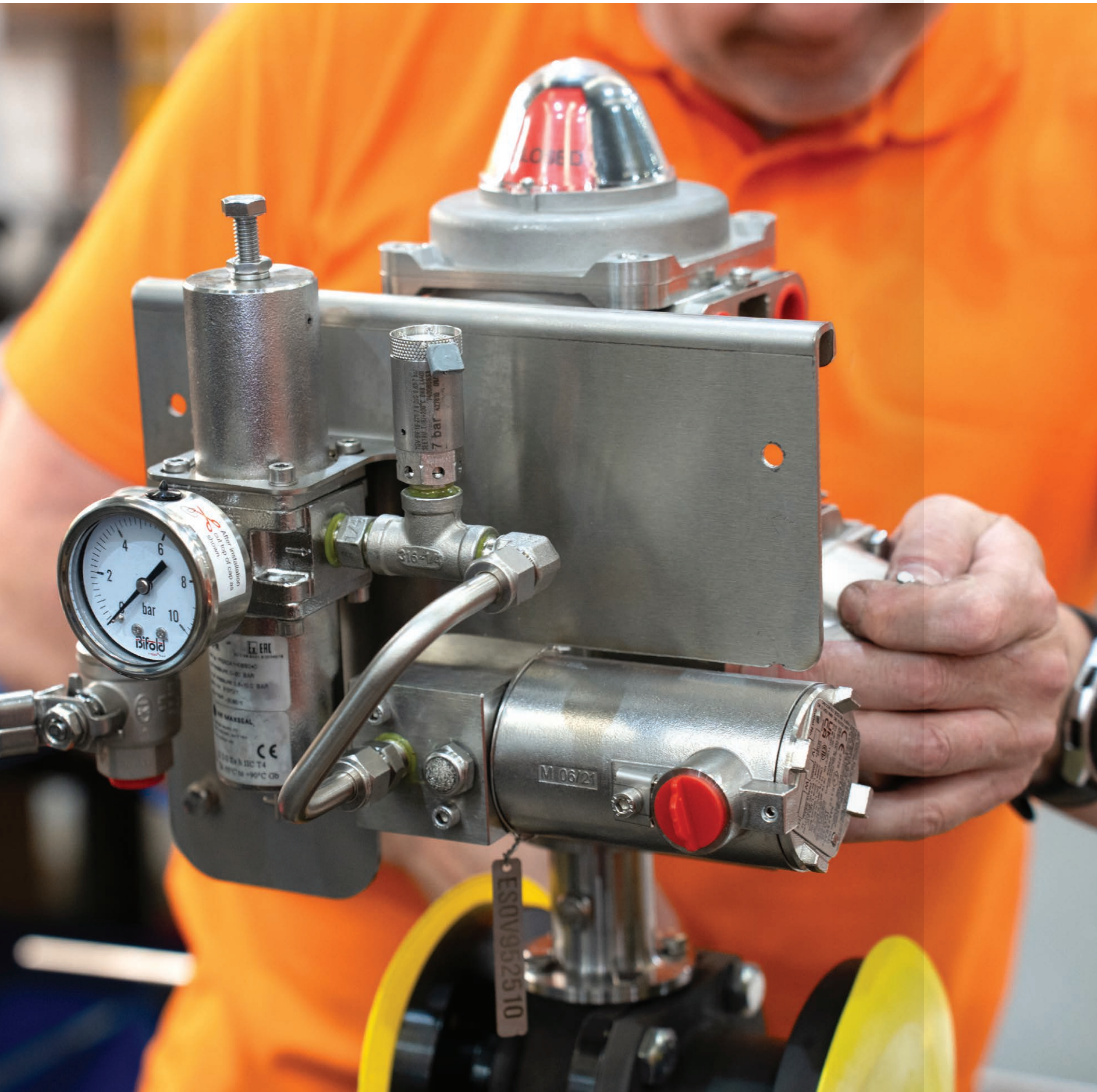


Instrumentation controls

We stock a large range of high-quality ancillary equipment to allow for a fast-track assembly of local control systems in various configurations, materials and sizes.

Filter regulators / Solenoid valves / Pressure relief valves / Speed control valves / Limit switches / Switch boxes

Rotex • Bifold • Norgren • Maxseal • Emerson Asco • Versa • Pneumatrol RGS • Topworx



Expert support and advice

Our team of valve and automation experts are committed to delivering high-quality technical support and guidance, guaranteeing exceptional service throughout the entire process – whether we're assisting with initial selection, installation, or ongoing maintenance.

Our team of experts can support you with:

Product selection

Installation and maintenance

Equipment efficiency

Control and design

3D CAD design

Large scale projects

Documentation

Inspections and testing



Engineering & support services

Our in-house engineering, manufacturing and testing capabilities help solve complex valve challenges, reduce project risk and keep delivery schedules on track.

- Valve stock for fast-track delivery and factory lead times
- Valve manufacturing
- Valve testing and certification
- Valve modifications and upgrades
- Pipe and skid design and manufacturing
- Project supply and documentation
- Technical engineering support

“ACV are the perfect partners to work with when quoting actuated packages. Speed of service and knowledge are second to none, and it’s always a pleasure to deal with them.”

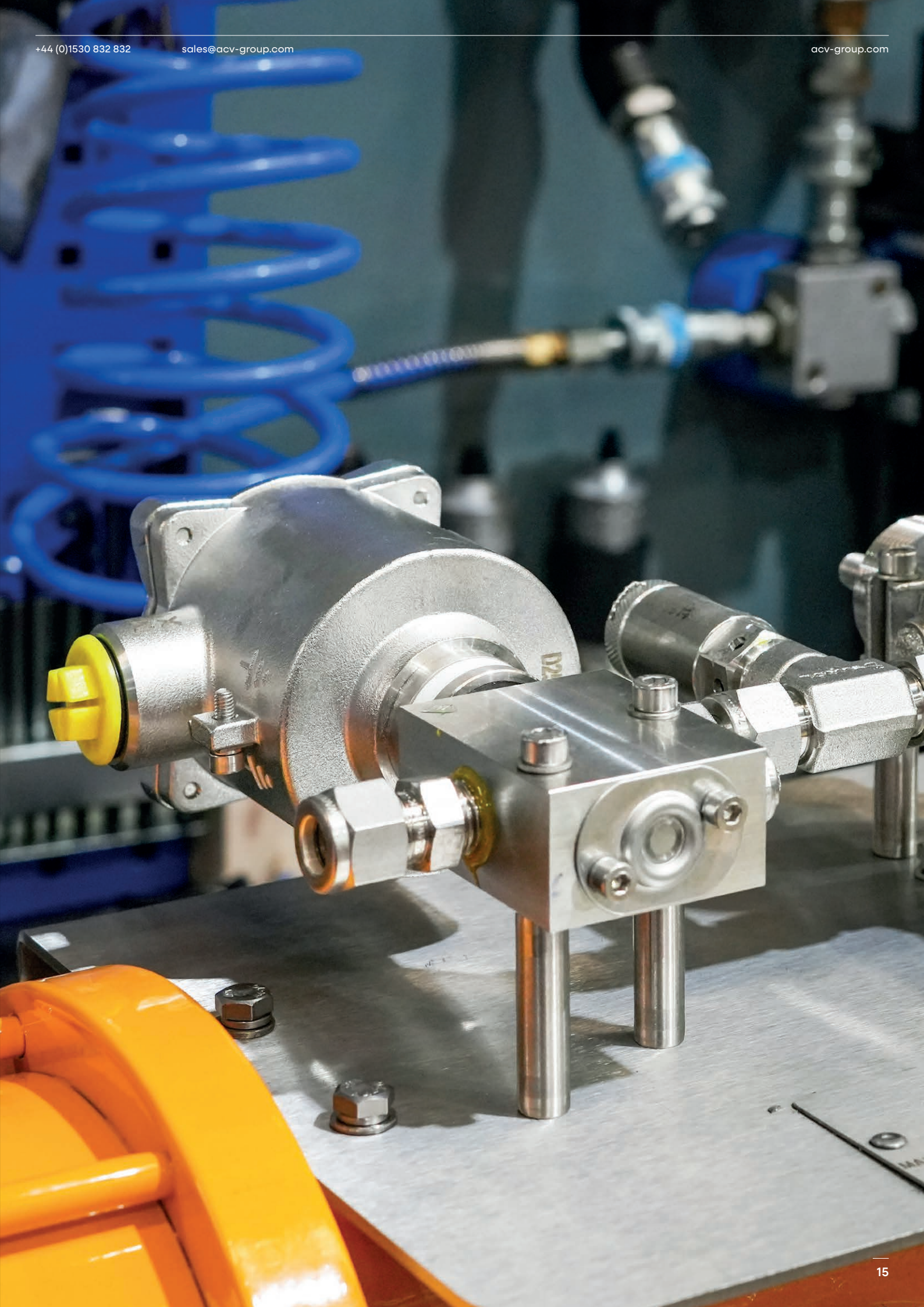
Valued ACV customer



In-house machining and manufacturing



In-house testing





ACV

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