IMI
Precision Engineering

Precision.
Engineered.
Through our people, products and service.

IMI NORGREN®
IMI BUSCHJOST®
IMI FAS®
IMI HERION®
IMI MAXSEAL®

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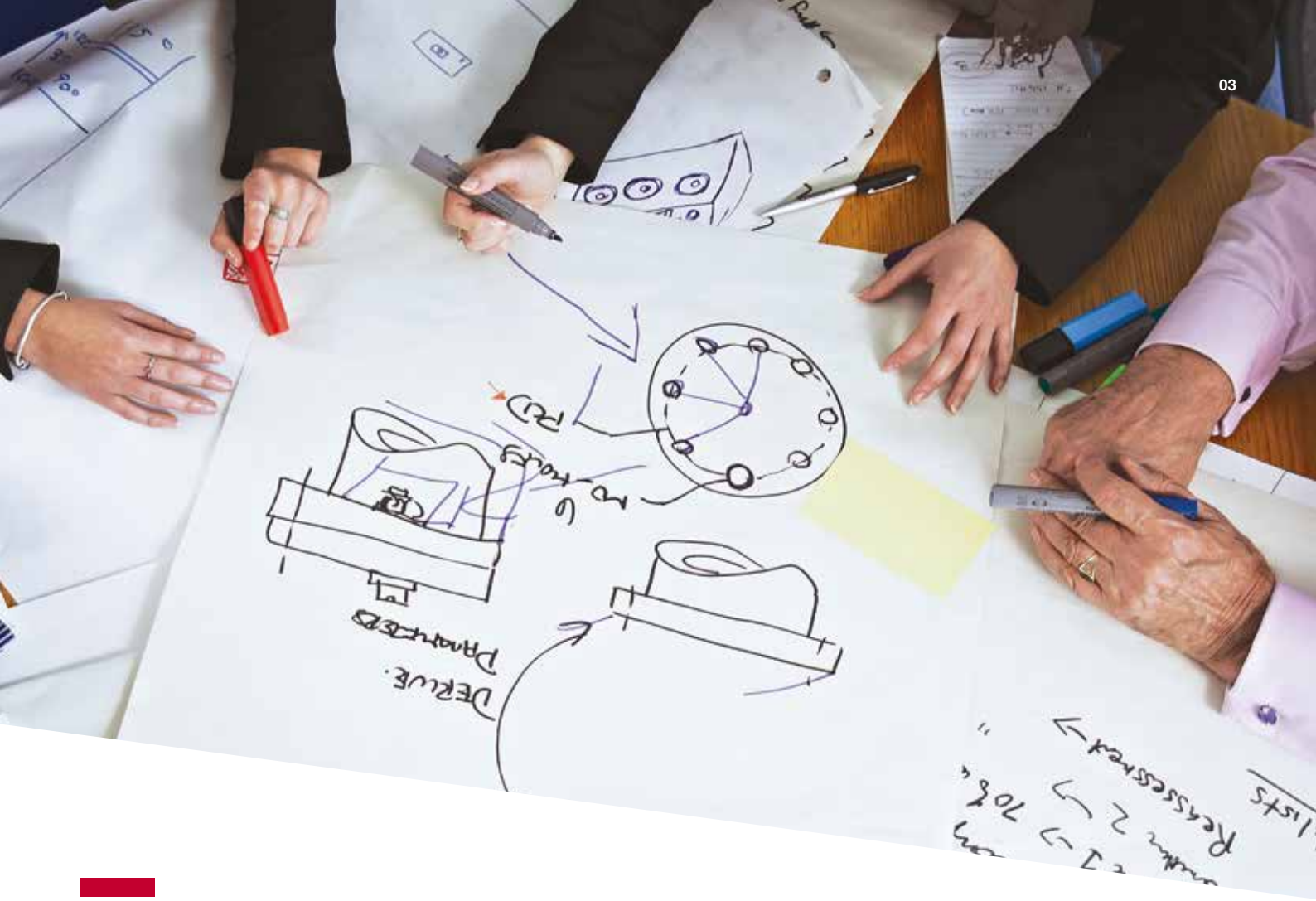


Engineering GREAT solutions

*We deliver **GREAT** solutions for our customers tackling the world's most demanding engineering challenges.*

IMI Precision Engineering is a world leader in motion and fluid control technologies. Wherever precision, speed and engineering reliability are essential, we deliver exceptional solutions which improve the productivity and efficiency of our customers' equipment.

Part of IMI plc, we have a sales and service network in 75 countries, as well as manufacturing capability in the USA, Germany, China, UK, Switzerland, Czech Republic, Mexico and Brazil. We support this with our global centres of technical excellence, and facilities for CFD design and R&D testing. We employ a dedicated team of field engineers, sector specialists and key account managers – all committed to providing excellent service to our customers.

As a business, we aim to **UNDERSTAND** our customers' challenges. We then **CONNECT** our products, people and expertise in order to **DELIVER** exceptional service and solutions. These **IMPROVE** the performance of our customers' machinery.

We call this Engineering GREAT, and we deliver it to customers through a world-class portfolio of high performance products, through close partnerships and problem-solving, and through a global network of support which ensures reliable local delivery, all over the world.

How we deliver value to our customers

Partnerships & problem solving

We have a global team of key account managers and over 400 highly experienced engineers – many with in-depth expertise of key industry sectors.

We recruit and develop the industry's top talent, offering the best training and exposure to world-class products and technologies with some of the world's leading businesses. The deep and combined experience this gives us means we have the skills, confidence and know-how to get closer to our customers, enabling us to understand their exact challenges and resolve them **precisely**.

Because of this our problem-solving is more effective, our solutions more targeted, our partnerships more productive.

High performance products

Our world-class products improve performance and productivity.

We have global manufacturing capability and technical centres of excellence, each dedicated to developing and rigorously testing new high performance products to meet **precise** industry and application needs. Helping improve performance and reduce downtime and energy consumption on production lines across the world, our world-class portfolio includes IMI Norgren, IMI Buschjost, IMI FAS, IMI Herion and IMI Maxseal. Having proven their value over years, they stand amongst the most trusted names in fluid and motion control. We are continuously adding to this portfolio through a programme of innovation and new product development.

Because of this, we're able help our customers solve the world's greatest engineering challenges – reliably, safely and efficiently.

Reliability

We deliver and support our high quality products through our global service network.

We have world-class manufacturing and sales and service operations in 75 countries, supported by investment in robust project management systems and lean localised production. Together, with our integrated supply chain, and the speed of our Express service we have the systems, processes and support to deliver quality products and aftersales service **precisely**, reliably, in full and on time, anywhere.

We get closer to our customers to understand their exact challenges.

Understand
We build in-depth relationships

Connect
We work as one business

Deliver
We do what we say we'll do

Improve
We always look for better ways of working

HOW WE WORK TOGETHER

Engineering GREAT Solutions

Partnership & problem solving
We get closer to our customers to understand their exact challenges

High performance products
Our world-class products improve performance and productivity

Reliability
We deliver and support our high quality products through our global service network

HOW WE DELIVER VALUE TO OUR CUSTOMERS

Our market leading product brands

The combination of our IMI Precision Engineering product brands' trusted reputation and long history underpins our position as a leading global supplier of motion and fluid control technologies.

IMI NORGREN®

With over 80 years industry experience, the IMI Norgren brand includes a wide range of high quality pneumatic and fluid control products such as actuators, air preparation products, pressure switches, fittings and valves.

IMI BUSCHJOST®

Successful in the market for over 60 years, IMI Buschjost is a market leading range of process and multimedia solenoid valve technology and system solutions.

IMI FAS®

The IMI FAS range offers a comprehensive portfolio of globally acclaimed miniature fluid control solutions which provide successful, consistent performance at the heart of demanding applications. Specialising in miniature solenoid valve technology for 10mm and 15mm valve applications.

IMI HERION®

For over 50 years the IMI Herion brand has specialised in solenoid valves, NAMUR valves and hydraulic solutions for mechanical and pneumatic press and press safety technology.

IMI MAXSEAL®

Proven in the field for over 50 years, the IMI Maxseal brand offers extremely high quality stainless steel solenoid valves, for harsh environments such as offshore oil & gas and coastal applications.

Sector expertise

Our high performance products have application in all sectors, and we have particular expertise of Industrial Automation, Food & Beverage, Rail, Commercial Vehicles, Life Sciences and Energy. With over 30 years' experience in each, we use our deep understanding of the technical challenges and legislative framework to develop pioneering platform products to answer specific needs. In this way, we help more customers enjoy GREAT solutions – including cost and energy savings, a simplified supply chain and a reduction in machine complexity.

Industry sector

Industrial Automation

Bringing added value benefits to all industries – including auto in-plant, machine tools and general industry – our high performance products cover valves, valve islands, proportional and pressure monitoring controls and air preparation products, as well as a comprehensive selection of pneumatic actuators – rodless, compact, roundline and rotary.

These are quickly and easily available – online or by phone via our Express service – and supported with high quality technical advice.

Industry sector

Food & Beverage

An innovative force in Food & Beverage, we have an in-depth understanding of the unique needs of the industry, delivering pioneering products and bespoke solutions.

From handling 40 bar air for PET bottle blowing; to aggressive solvents in ink jet printing; from wash-down chemicals to limescale-free coffee machines, we have an impressive track record of helping the world's largest food companies improve efficiency, save energy and optimise performance. Our flagship Food & Beverage products include: IVAC, 40 bar blowing block technology, air recovery products, precision solenoid valves and pneumatic actuators.

Industry sector

Rail

We supply robust, reliable and custom solutions to the rail sector, for metro, intercity, high-speed, freight and permanent-way rail and have particular expertise in driving innovative developments for air preparation, components for braking systems; door and step systems; coupling, pantograph and water control; plus freight control and actuation.

Our extensive range of products is designed to operate safely and reliably even in arduous conditions: with high temperature ranges (-40°C to +80°C) and broad voltage tolerances (+/- 30%).

Our flagship Rail solutions include: AMT rail dryer, door control and actuation systems, pantograph regulators and control systems.

Industry sector

Commercial Vehicles

Our range of cab, chassis and powertrain solutions deliver fuel efficiency, emissions reduction and faster assembly times for the world's leading commercial vehicle manufacturers. Acknowledged for their safe and reliable operation, our products are proven over millions of miles of reliable service. We understand the market trends, environmental challenges, emissions standards and specifications that matter to truck manufacturers and Tier 1 suppliers.

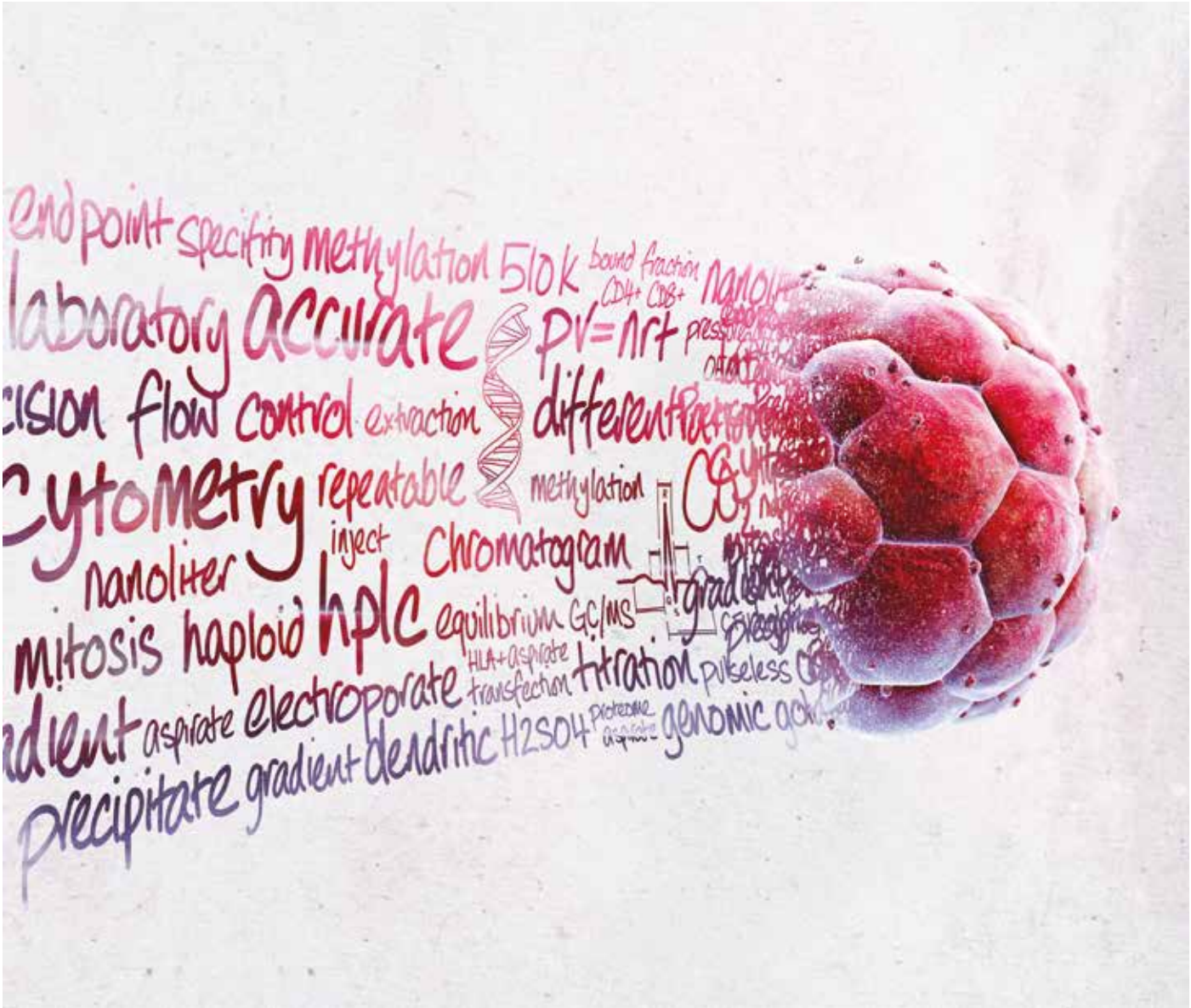
Our flagship Commercial Vehicle solutions include: Urea tank heating valves, inlet throttles, exhaust brake control and proportional wastegate control valves.

Industry sector

Life Sciences

We have a proven track-record of helping support and develop advances in medical devices, diagnostic equipment and biotech and analytical instruments. In particular, our products and expertise have helped reduce the size of equipment, while enhancing accuracy, throughput and fluid control performance. We are well used to designing for the precise control, repeatability and safety needs of the industry. Our solutions are found in equipment for anaesthetics and patient therapy through to molecular diagnostics and pathogen detection.

Our flagship Life Sciences solutions include: Miniature solenoid valves, microfluidics, precision liquid handling solutions and analytical instrument solutions.



Industry sector

Energy

Our expertise is acknowledged across the Oil & Gas, chemical and nuclear industries. As well as customised solutions, we offer a comprehensive range of certified, world-class products which deliver precision control in even the harshest environments, including stainless steel valves and regulators, nuclear class valves and emergency shutdown controls.

Our flagship Energy solutions include: Stainless steel solenoid valves, SOV, NAMUR and in-line solenoid valves, air preparation equipment, pressure switches, converters and process valves.

Our global reach

With established manufacturing facilities globally, we have the capability to cope with the most demanding of international projects. With a sales and service network in 75 countries, we have the reach and capability to ensure continuity of supply and local support where it is needed.

Sales & Service in 75 countries

- IMI Precision Engineering sales, manufacturing and technical centres
- IMI Precision Engineering sales locations
- IMI Precision Engineering manufacturing locations

IMI Precision Engineering operates four global centres of technical excellence and a sales and service network in 75 countries, as well as manufacturing capability in the USA, Germany, China, UK, Switzerland, Czech Republic, Mexico and Brazil.

For information on all IMI Precision Engineering companies visit **www.imi-precision.com**

Supported by distributors worldwide

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