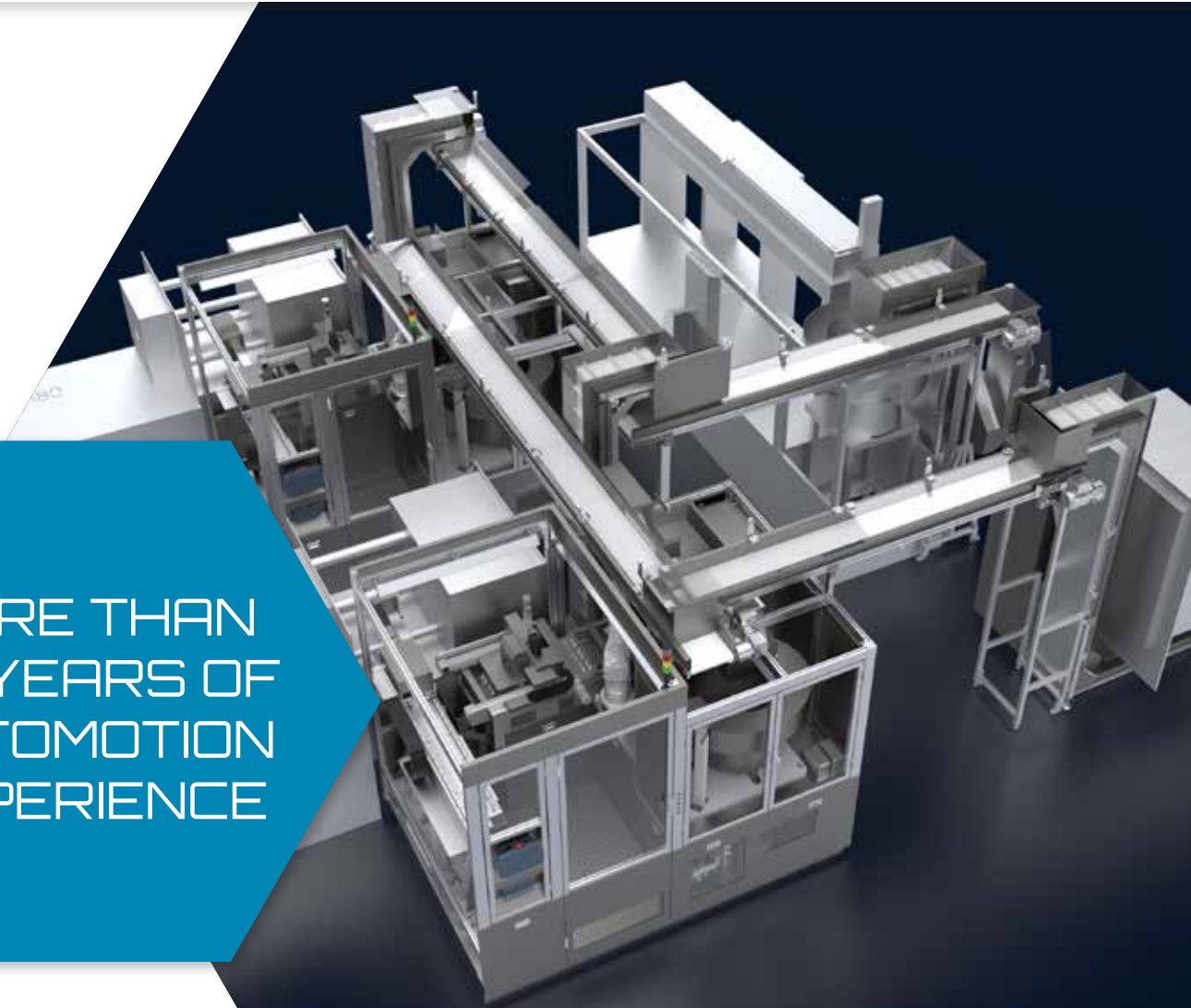




www.m-a-i.de

m ai
innovative automation



MORE THAN
25 YEARS OF
AUTOMATION
EXPERIENCE

MAKING AUTOMATION INTELLIGENT

25 years of innovative automation

M.A.i has been providing **customised automation solutions** for over 25 years.

We have extensive experience in the **automotive, medical, plastics, electronics, new energy sectors and defence**.

This diversity enables us to develop innovative and future-oriented solutions, which we constantly optimise and expand in close cooperation with our customers. As part of the Estun Group and with a dedicated team of around 520 **employees worldwide**, we are well prepared to meet the challenges of the future.

Together with our partners, we aim to set new standards in automation technology and play an active role in shaping the industry of tomorrow.

We combine **decades of experience with innovative thinking** to realise your vision in the world of automation.



Mario Michel
CEO

Stefan Woldrich
CEO



All processes possible – details here



Six good reasons for a partnership with M.A.i

Why we are your ideal partner

We understand your challenges and speak your language. With our technically experienced sales team, excellent technology and high quality custom engineering, we offer reliable, innovative solutions to your complex requirements.

Our international team in **Germany, China, Mexico and Malaysia** ensures global expertise and seamless communication, as well as cost benefits and fast response times.

Innovative, reliable, competent
M.A.i – your ideal partner for the future



Personal sales

We have a technically experienced sales team who will be at your side from the beginning.



Complex challenges

We master even complex requirements with bravour.



Technology you can trust

Our excellent technology and high quality special purpose machine construction are your guarantee of reliability.



Innovative products

We always offer state-of-the-art solutions that are perfectly customised to your specific needs.



International expertise

Our international project teams in Germany, China, Mexico and Malaysia ensure seamless communication.



Global presence

You benefit from cost advantages and fast response times thanks to our global locations.

Innovative automation solutions for the highest demands in medical and pharmaceutical

In the medical and pharmaceutical industries, we offer customised automation solutions based on our in-depth expertise in special-purpose engineering. We develop **high-precision** systems that meet the stringent requirements of these sensitive industries.

Our systems are designed to meet **specific cleanroom classes and cleanliness standards**. We focus on the optimum combination of functionality, quality and flexibility using high quality materials. We support the entire process, from concept development to production and commissioning.

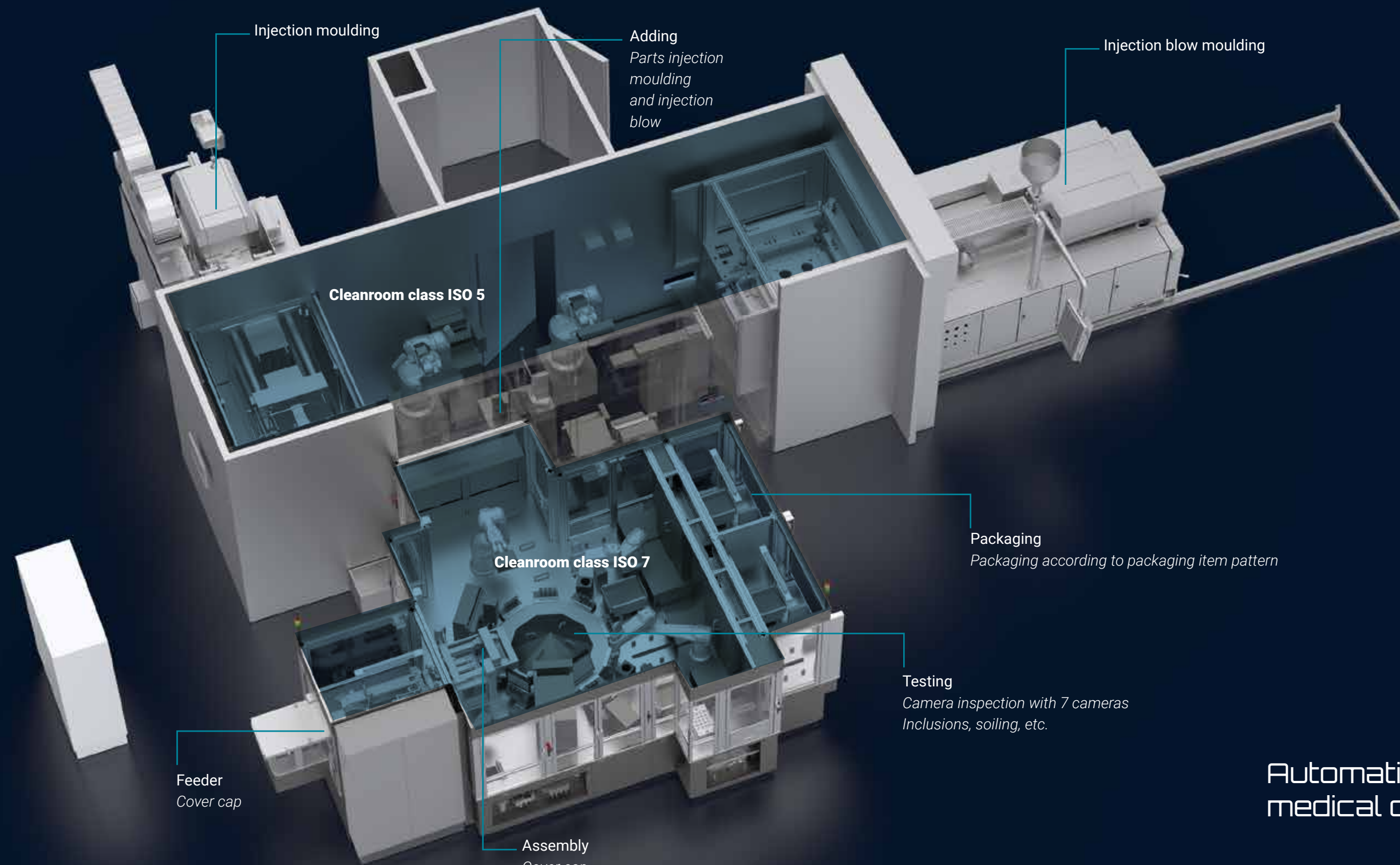
We implement complex processes such as **2D/3D camera inspection, X-ray inspection, plastification, printing and fully automated packaging**. Our assembly and test lines meet all relevant quality standards and clean room conditions according to DIN and GMP.

Our innovative automation solutions optimise our customers productivity and efficiency. Our systems enable **precise dosing, filling and packaging of pharmaceuticals** as well as strict quality control along the entire production line.

We understand the complex requirements of the **medical and pharmaceutical industries** and develop future-proof automation systems that drive innovation and make production more **efficient, precise and sustainable**.

CLEAN ROOM
AUTOMATION:
PERFECTION
MEETS
EFFICIENCY





Injection moulding

Adding
Parts injection
moulding
and injection
blow

Injection blow moulding

Cleanroom class ISO 5

Cleanroom class ISO 7

Packaging
Packaging according to packaging item pattern

Testing
*Camera inspection with 7 cameras
Inclusions, soiling, etc.*

Feeder
Cover cap

Assembly
Cover cap

Automation system for
medical device

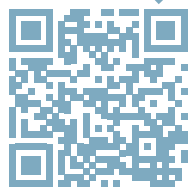
High-precision production lines for the electronics of the future

As experts in specialist engineering, we provide innovative automation and handling solutions for **industrial and automotive electronics**. Our expertise in industrial plastics processing enables us to develop highly specialised systems, for example for hybrid plastic components with metal inserts.

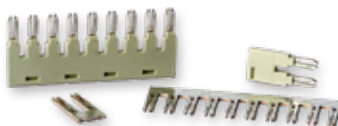
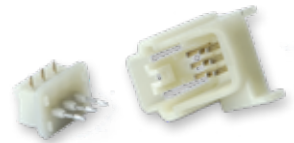
Our capabilities cover the entire process chain: From handling the finest components to final packaging, we design **integrated system solutions**. Our experienced team is with you every step of the way, from idea to production, optimising products for the highest levels of automation.

In an industry where precision is essential, our solutions set new standards. We develop future-proof automation systems that combine technological innovation with practical applicability to make the future of electrical engineering **more efficient, more precise and more sustainable**.

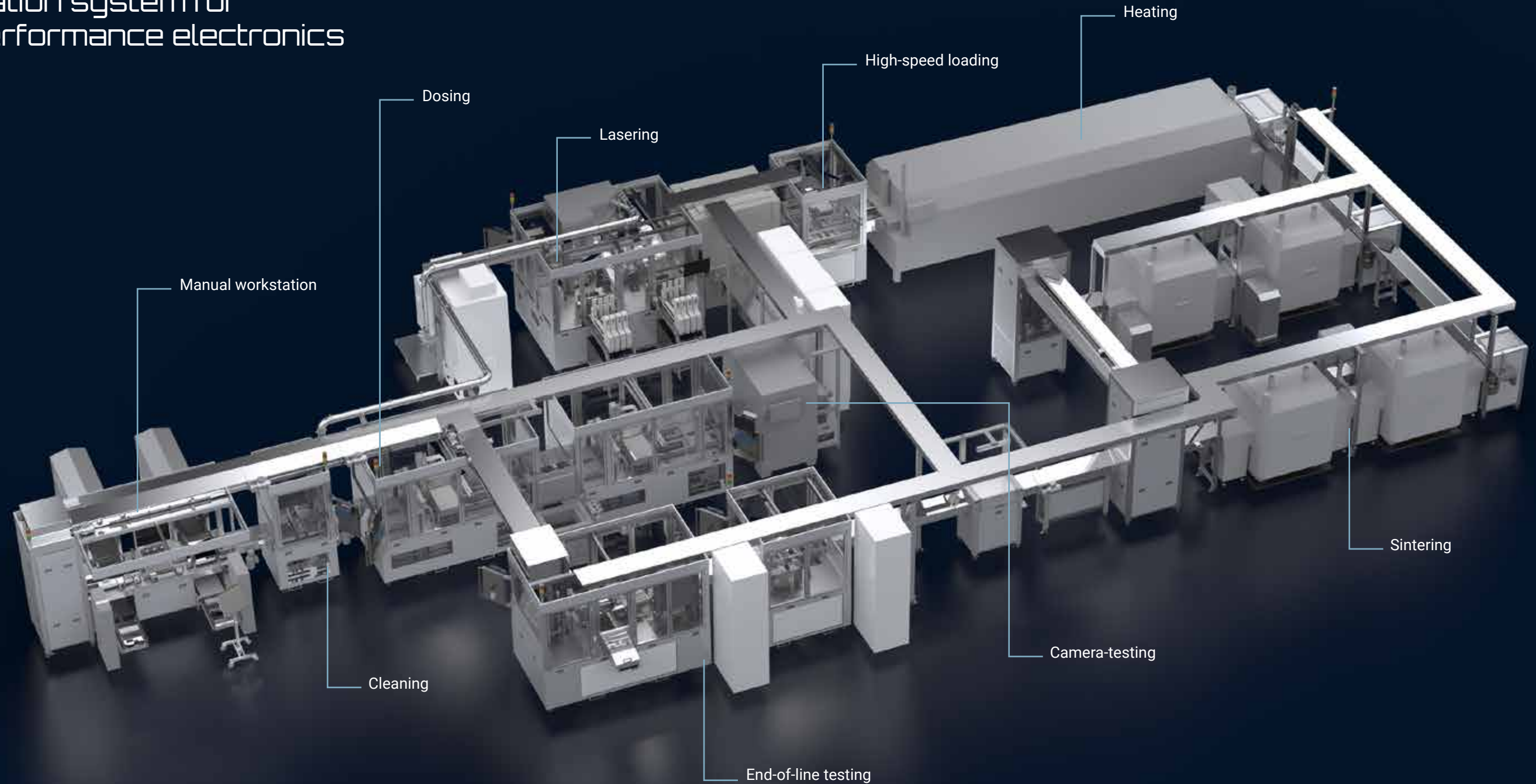
see more 



PRECISION
DOWN TO
THE LAST
DETAIL



Automation system for high-performance electronics



Automation in motion

We develop **customised automation solutions** for advanced **mechatronic systems** in the automotive industry. Our innovative concepts offer the flexibility to adapt to our customers' needs. Quality is at the centre of every phase – from consulting to commissioning of a system.

In a changing industry, we see challenges as opportunities for innovation. We meet increasing production demands with networked assembly concepts and **seamless system integration**. Our automation solutions, used worldwide, set industry benchmarks and consistently exceed our customers' expectations.

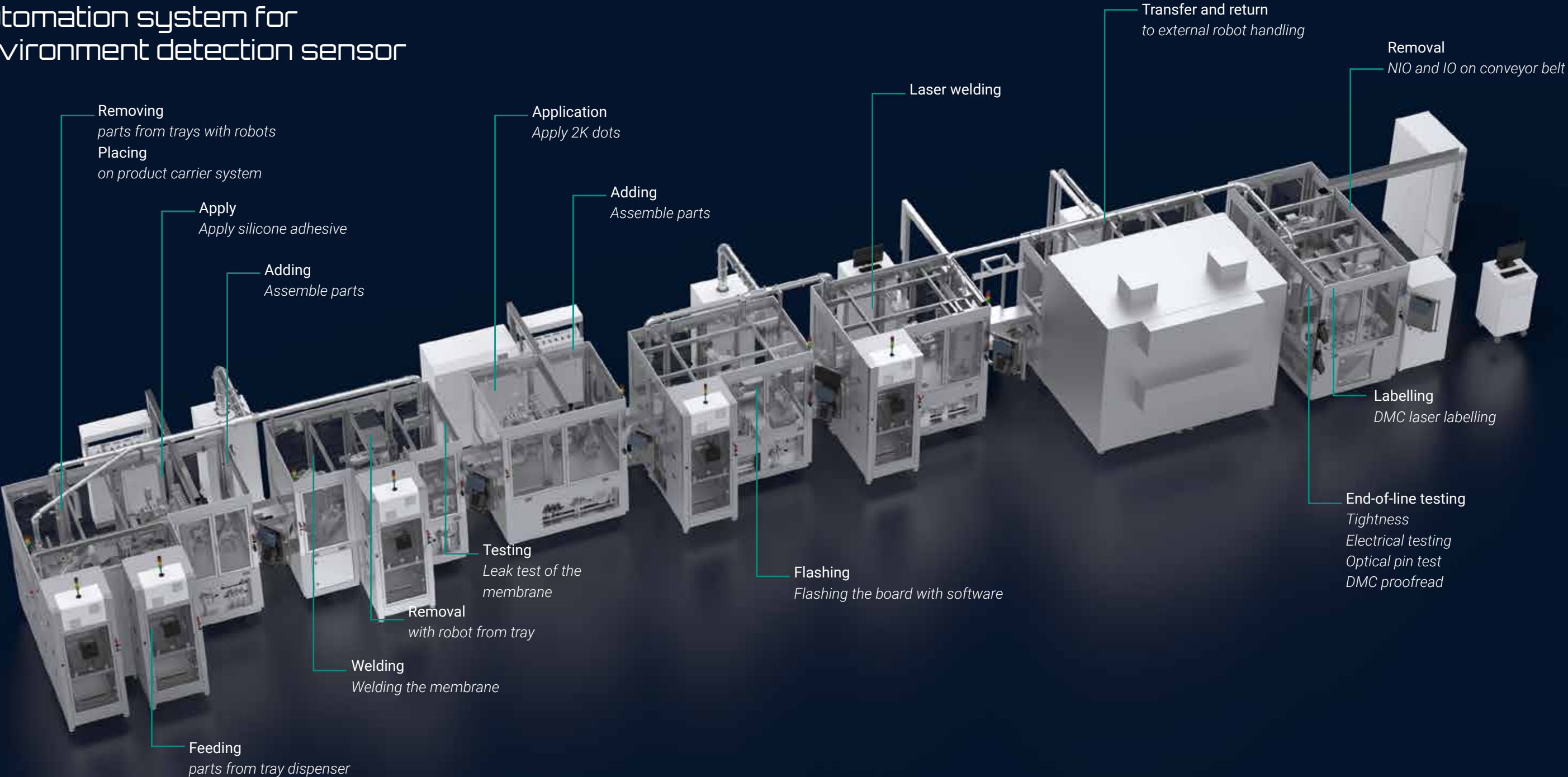
Looking to the future, we develop **cutting-edge technologies** and strive to give our customers a competitive edge through innovation. Our commitment to advanced solutions is driving the transformation of the automotive industry and paving the way for the **sustainable** and **efficient** production of tomorrow.

EFFICIENCY
COMBINED
INNOVATION

See more →



Automation system for environment detection sensor



Secure processes for sensitive production

Automation at the highest level of safety: In the **defence sector, precision, reliability and absolute compliance with international standards** are of paramount importance. Our solutions ensure stable processes and maximum reproducibility – even under the most demanding conditions.

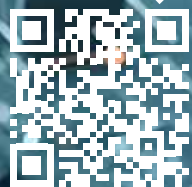
Every system is built in accordance with the strictest safety requirements and based on certified quality management systems. With standards such as ISO 9001, we meet the requirements of **sensitive production environments and guarantee complete traceability along the entire value chain.**

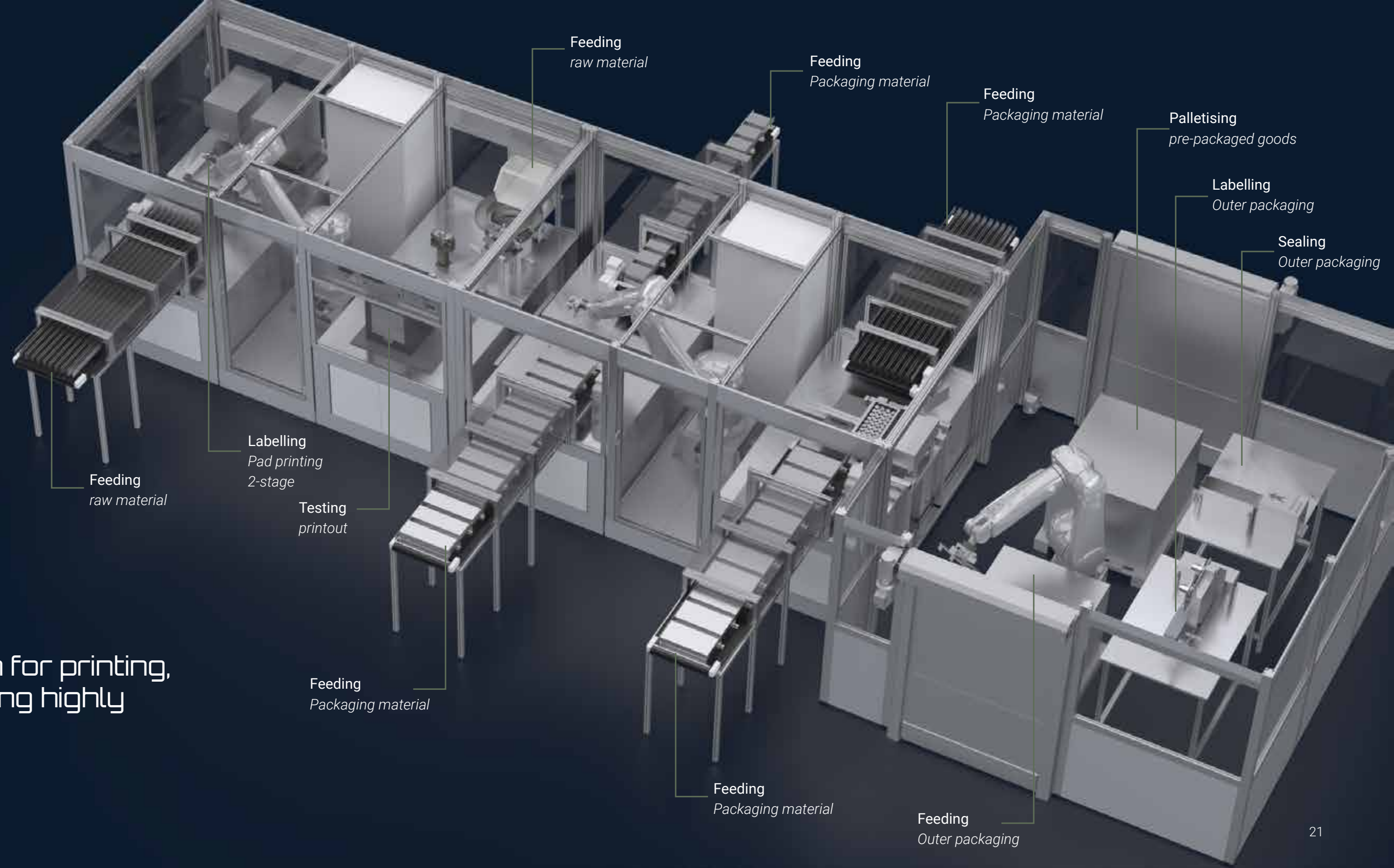
With our in-depth understanding of processes and our technological excellence, we enable automated manufacturing and testing solutions that combine safety, efficiency and trust. Our focus is on compliance with regulatory requirements and the long-term stability of our systems.

Future-oriented technologies and a culture of the highest quality make our automation solutions a reliable component of **modern defence production** – today and for the missions of tomorrow.

SAFETY IS NO
COINCIDENCE,
IT'S A SYSTEM

See more





Automated system for printing, linking and packaging highly sensitive products

Innovative power for tomorrow's industry

In the dynamic world of **new energy**, our automation is setting new standards. Our focus is on developing highly efficient systems for battery production – a key element of the energy transition.

We offer customised solutions for the **entire battery production value chain**. Our systems enable precise handling of **battery cells, modules and packs**. We use innovative technologies to ensure maximum efficiency and safety.

Assembly systems for battery modules and packs are a core area of our expertise. We offer flexible systems for **cell-to-module, module-to-pack and cell-to-cell** processes. These systems are adaptable to different cell formats and pack designs, and we also develop specialised battery solutions to meet specific customer requirements.

From linking complex assembly processes to precise quality inspection systems, we offer innovative solutions for every solution for every challenge.

Another focus of our work is **repair systems** for battery module disassembly. These systems enable the cost-effective and sustainable repair of battery packs and modules, resulting in significant cost and emission savings.

With our commitment to battery technology, we are actively driving the transition to sustainable energy production. Our solutions help manufacturers make their battery production more **efficient, flexible and future-proof**.

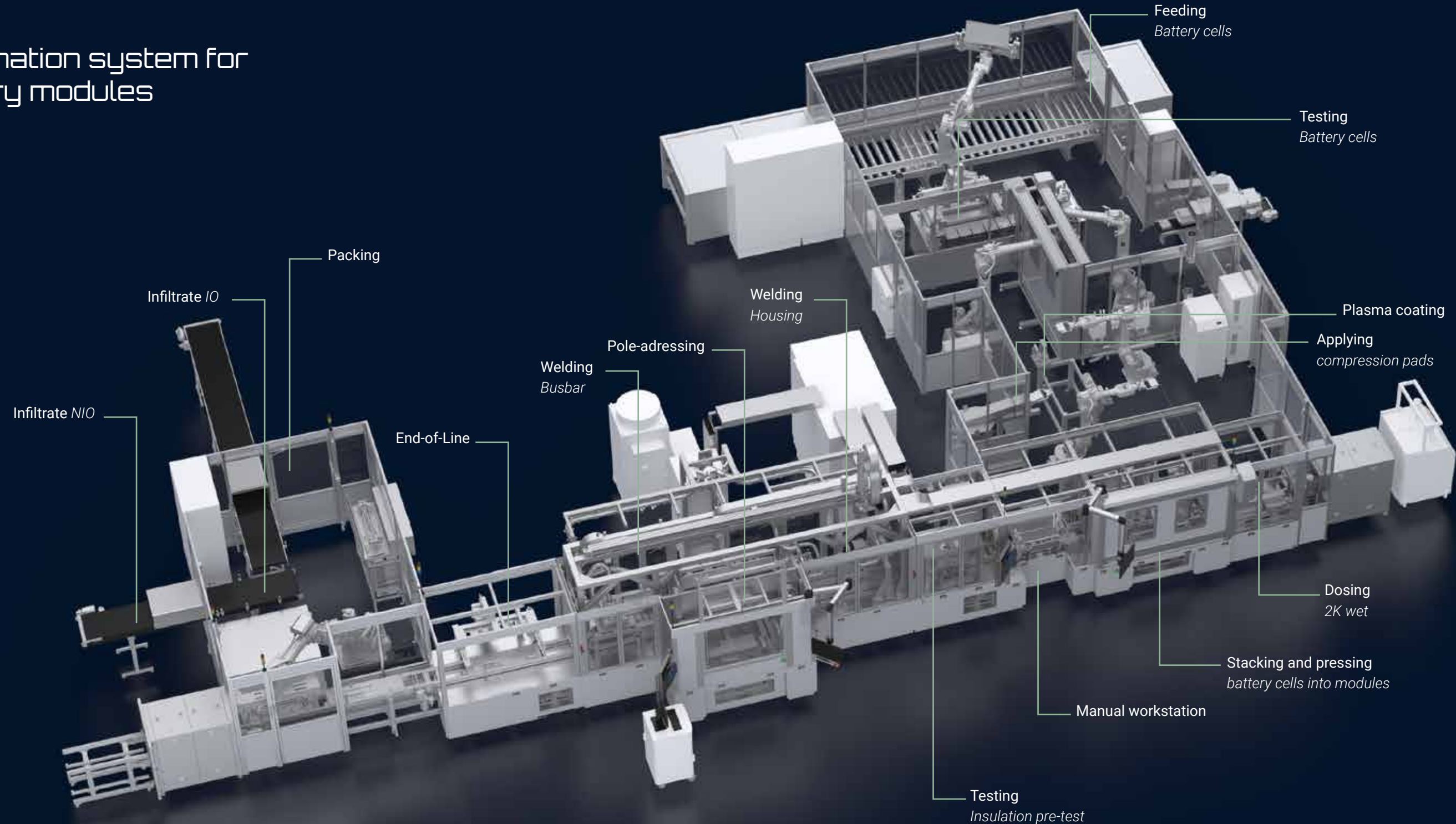


NEW ENERGY
AUTOMATION
FOR THE
FUTURE

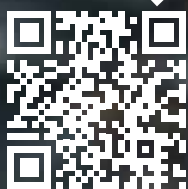
207 installations worldwide



Automation system for
battery modules



see more



FLEXIBLE,
RELIABLE,
AND FUTURE-
SECURE

Intelligent automation for consumer goods

We develop and **manufacture customised automation** systems that are precisely tailored to your requirements. Each system is unique – planned, designed and built according to your specific wishes and production targets.

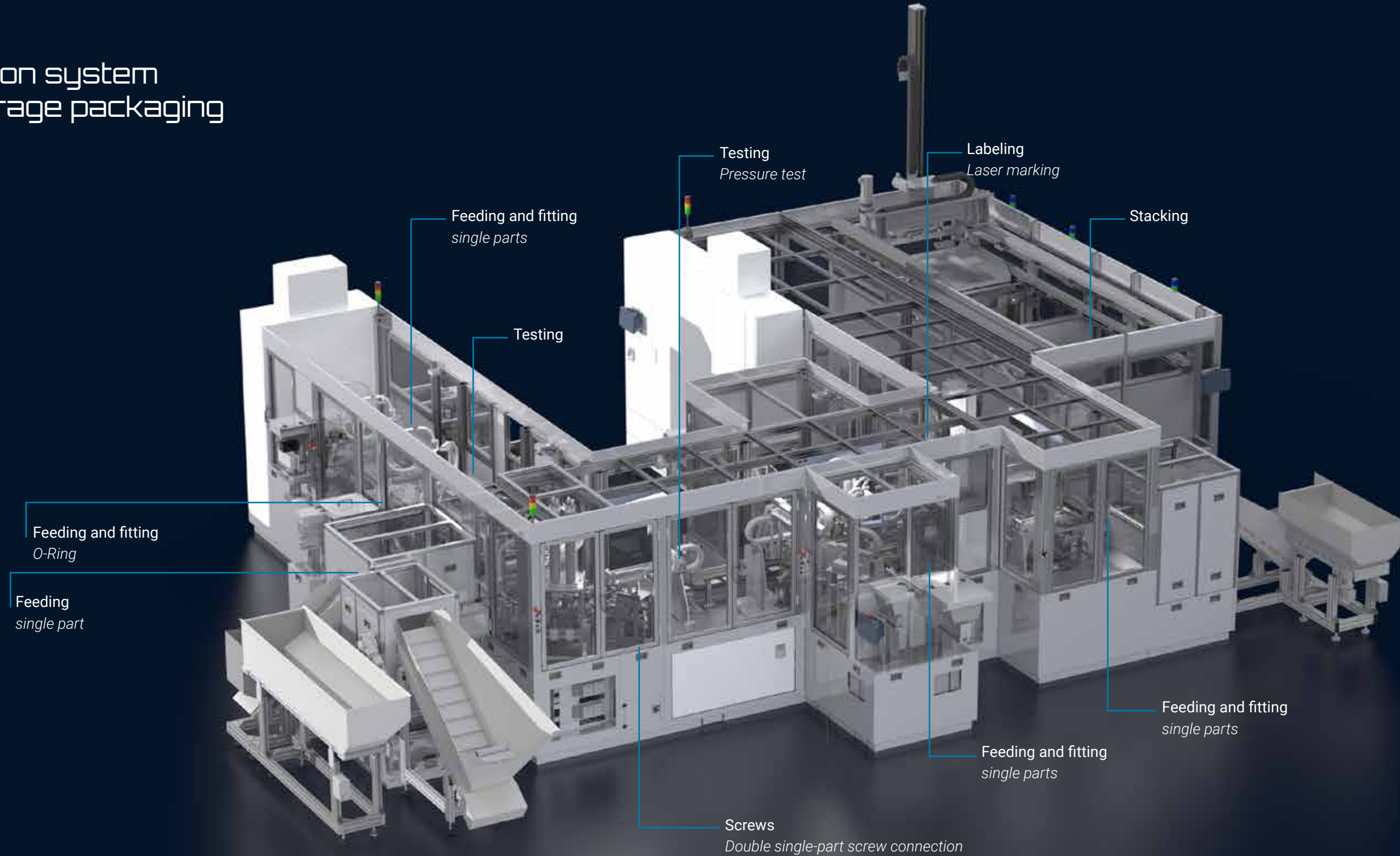
Thanks to state-of-the-art technology and modular design, our solutions can be flexibly adapted to changing products and new market trends. From the initial idea through detailed planning to commissioning, we provide you with personal support and ensure smooth integration into your existing processes.

Our focus is on efficiency, quality and cost-effectiveness. **Intelligent control systems** enable seamless traceability and continuous process monitoring so that faults can be recognised and rectified at an early stage. Our customised systems ensure consistently high product quality and sustainably increase productivity – even with demanding or changing requirements.

With our many years of experience and technical expertise, we create solutions that make your **production future-proof and competitive**.



Automation system
for beverage packaging



M.A.i worldwide – our international locations



Headquarters Kronach Germany

Employees: 300 | 40 Trainees
Production area: 8.000 m²
Office area: 2.500 m²



Nanjing China

Employees: 120
Production area: 3.000 m²
Office area: 1.000 m²



Querétaro Mexico

Employees: 40
Production area: 1.000 m²
Office area: 200 m²



Penang Malaysia

Employees: 40
Production area: 1.000 m²
Office area: 350 m²

Service-Center & Sales

- | | | | |
|---------------------|----------------------|----------------------|-----------------|
| Budapest
Hungary | Kragujevac
Serbia | Ningbo City
China | Suzhou
China |
|---------------------|----------------------|----------------------|-----------------|

Headquarters

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Germany

☎ +49 9261 / 910 000

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🌐 www.m-a-i.de

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Production, Service & Sales

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P.R. China

M.A.i Automation Technology México

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76295 Colón, Querétaro
Mexico

M.A.i Automation Technology Malaysia Sdn.Bhd.

PMT3089, Jalan Jelawat, Taman
Perindustrian Seberang Jaya,
13700 Perai, Penang
Malaysia

Service & Sales

M.A.i – innovative automation

Servicecenter Hungary
Ráday utca 12
2112 Veresegyház, Budapest
Hungary

M.A.i – Automation SRB DOO

Servicecenter Serbia
Trg Topolivaca 4
34000 Kragujevac
Serbia

M.A.i – Automation Technology (Ningbo) Co. Ltd.

Ningbo High Technology Zone
315040 Ningbo City
P.R. China

M.A.i – Automation Technology (Suzhou)

215000 Suzhou
P.R. China