

www.m-a-i.de

m ai
innovative automation



MORE THAN
25 YEARS OF
AUTOMATION
EXPERIENCE

GREAT IDEAS NEED GREAT SOLUTIONS

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 and new energy sectors**. 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.

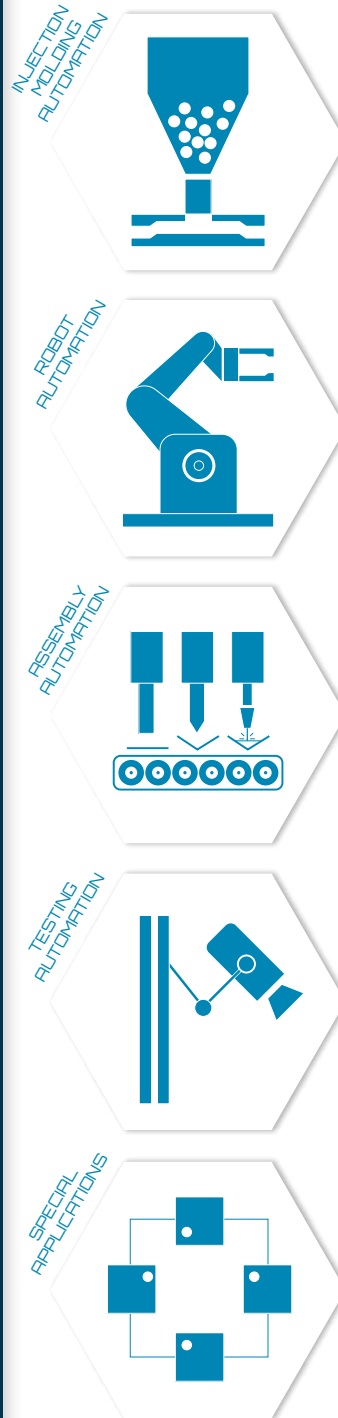


Mario Michel
CEO

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.

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.

EFFICIENCY
COMBINED
INNOVATION

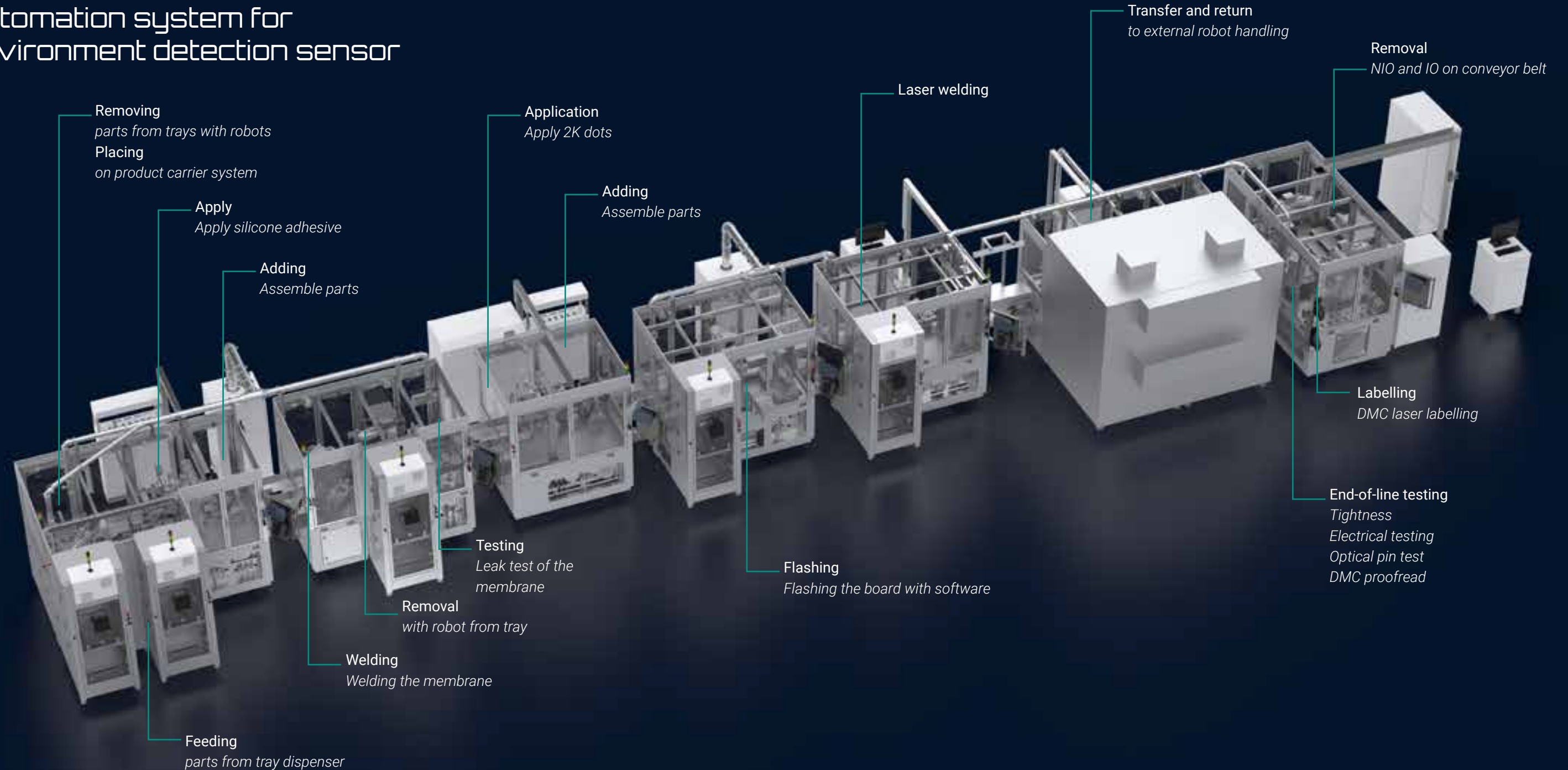
Looking to the future, we develop **cutting-edge technologies** and strive to give our customers a competitive edge through innovation. Our commitment to advanced solutions is driving the transformation of the automotive industry and paving the way for the **sustainable** and **efficient** production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



see more



Automation system for environment detection sensor



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.

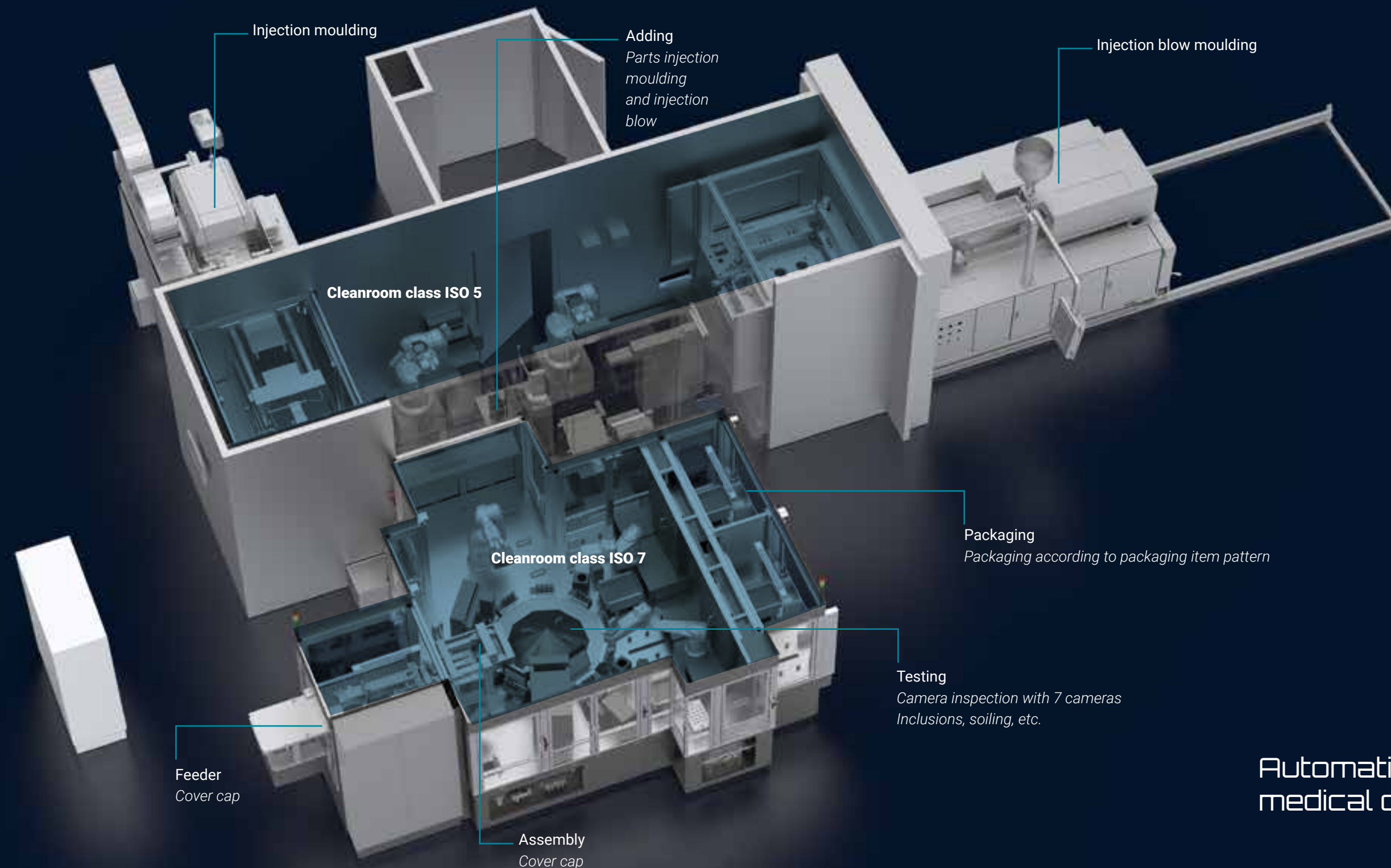
We understand the complex requirements of the **medical and pharmaceutical industries** and develop future-proof automation systems that drive innovation and make production more **efficient, precise and sustainable**.

CLEAN ROOM
AUTOMATION:
PERFECTION
MEETS
EFFICIENCY



see more





Automation system for medical device

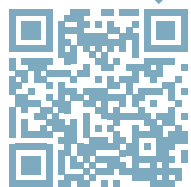
High-precision production lines for the electronics of the future

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.

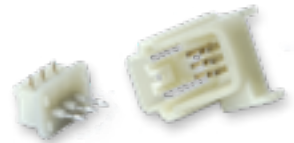
Our capabilities cover the entire process chain: From handling the finest components to final packaging, we design **integrated system solutions**. Our experienced team is with you every step of the way, from idea to production, optimising products for the highest levels of automation.

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**.

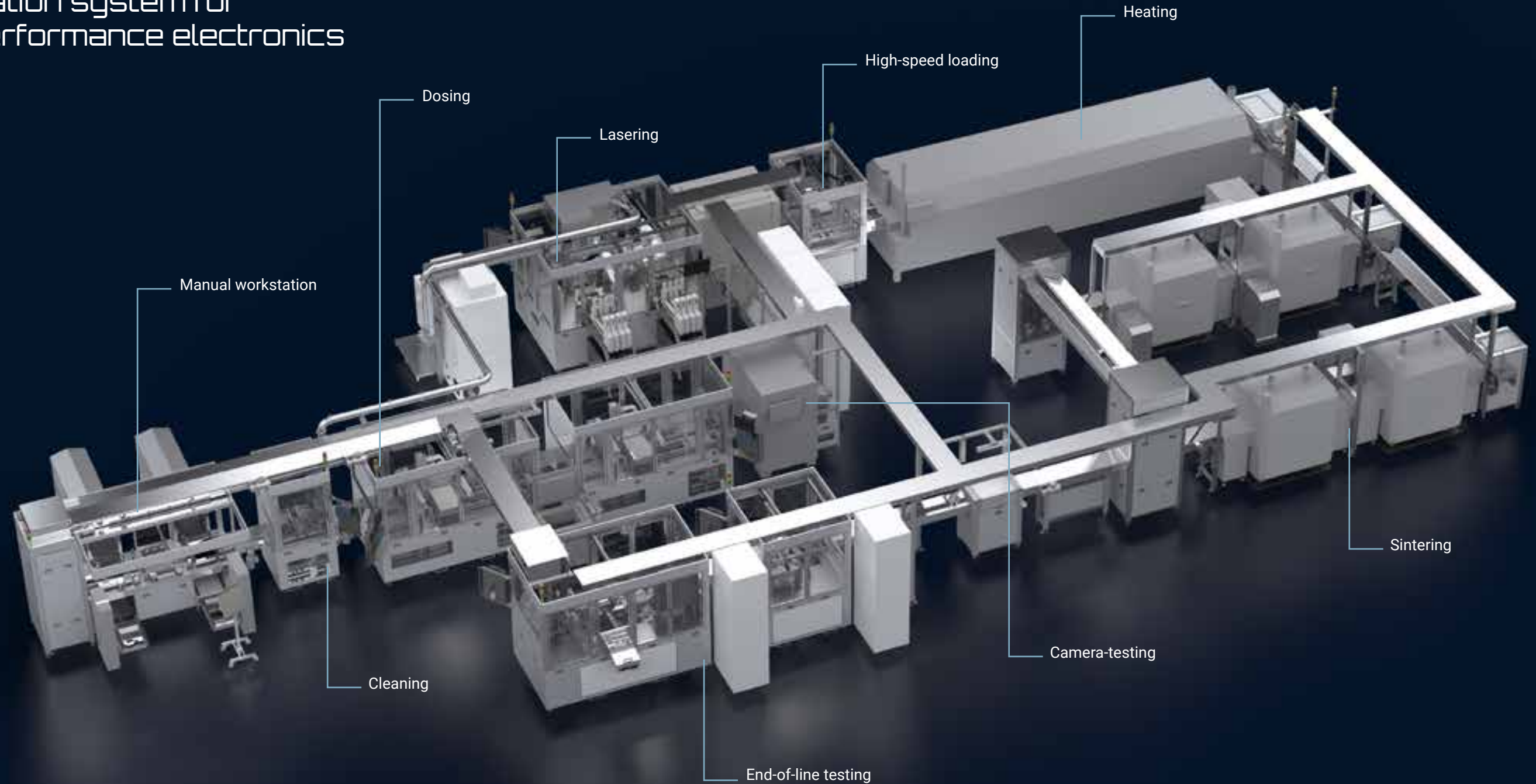
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PRECISION
DOWN TO
THE LAST
DETAIL



Automation system for high-performance electronics



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.

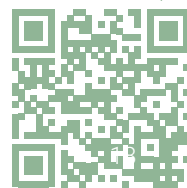
Assembly systems for battery modules and packs are a core area of our expertise. We offer flexible systems for **cell-to-module, module-to-pack and cell-to-cell** processes. These systems are adaptable to different cell formats and pack designs, and we also develop specialised battery solutions to meet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

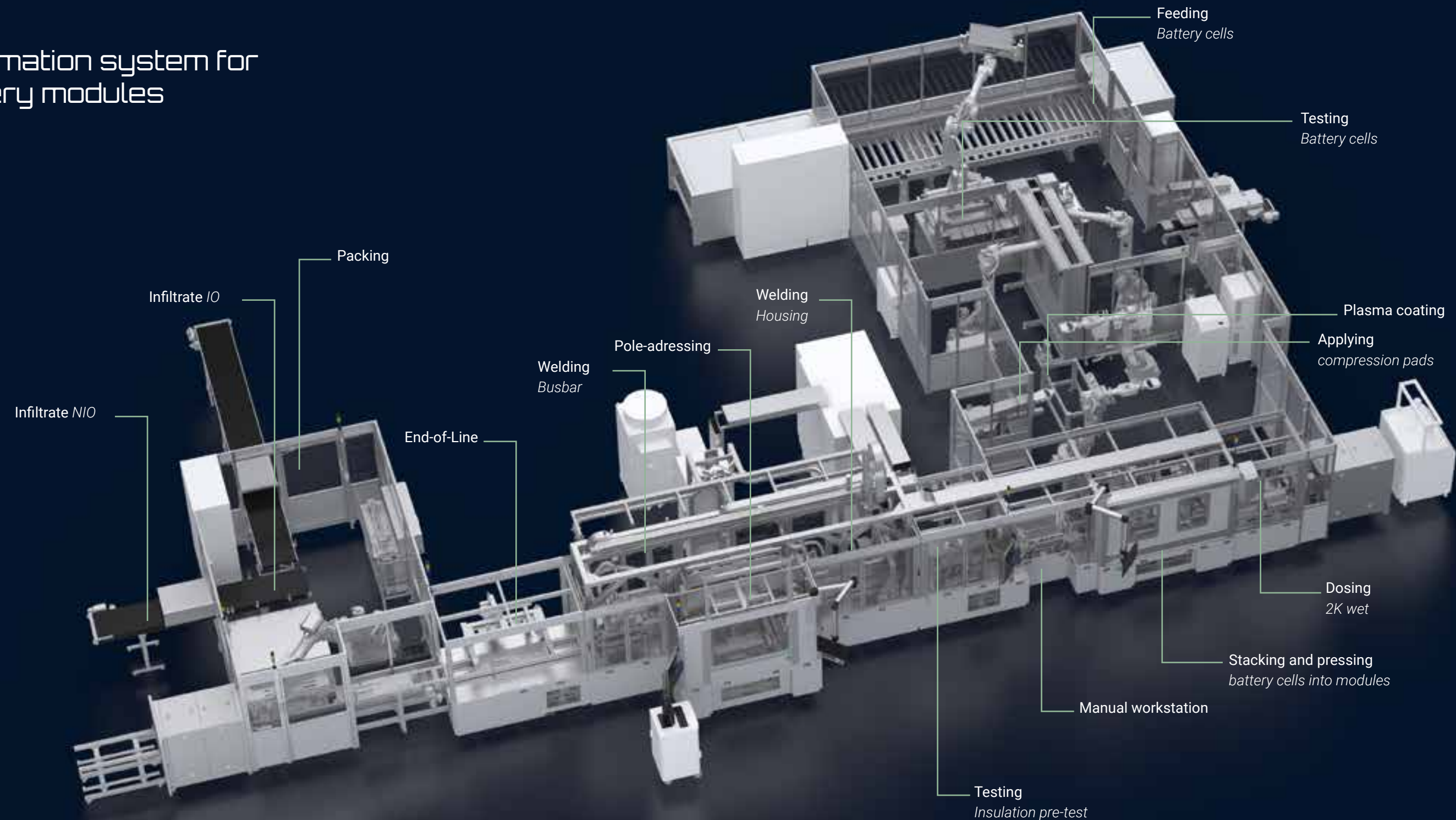
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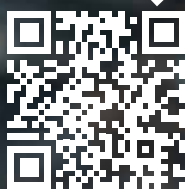
NEW ENERGY
AUTOMATION
FOR THE
FUTURE



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.

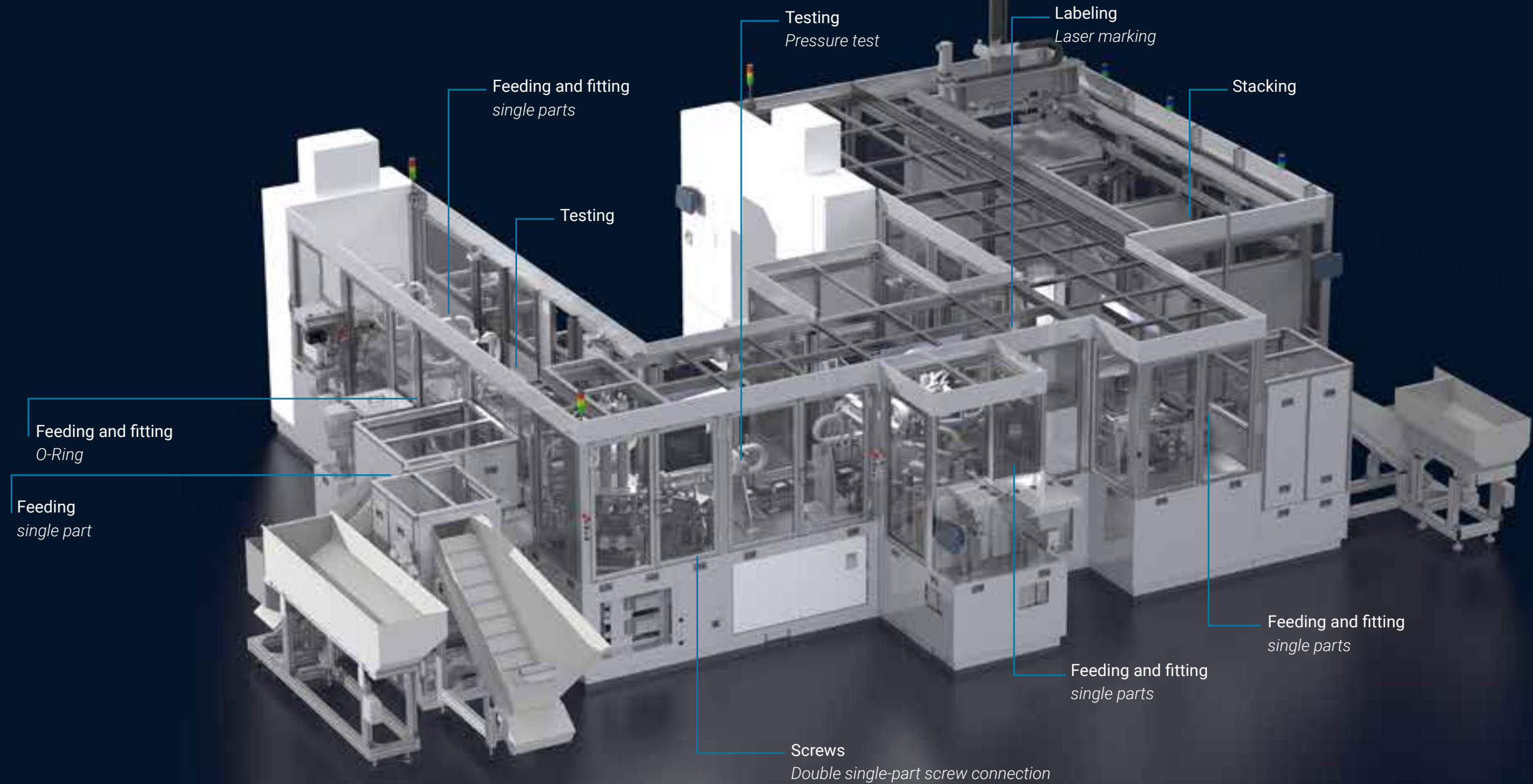
Our focus is on efficiency, quality and cost-effectiveness.

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

Service-Center & Sales

Budapest
Hungary

Kragujevac
Serbia

Ningbo City
China

Suzhou
China



Penang Malaysia

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

Headquarters

M.A.i GmbH & Co. KG

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Production, Service & Sales

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13700 Perai, Penang
Malaysia

Service & Sales

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Servicecenter Hungary
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2112 Veresegyház, Budapest
Hungary

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Serbia

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P.R. China

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215000 Suzhou
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