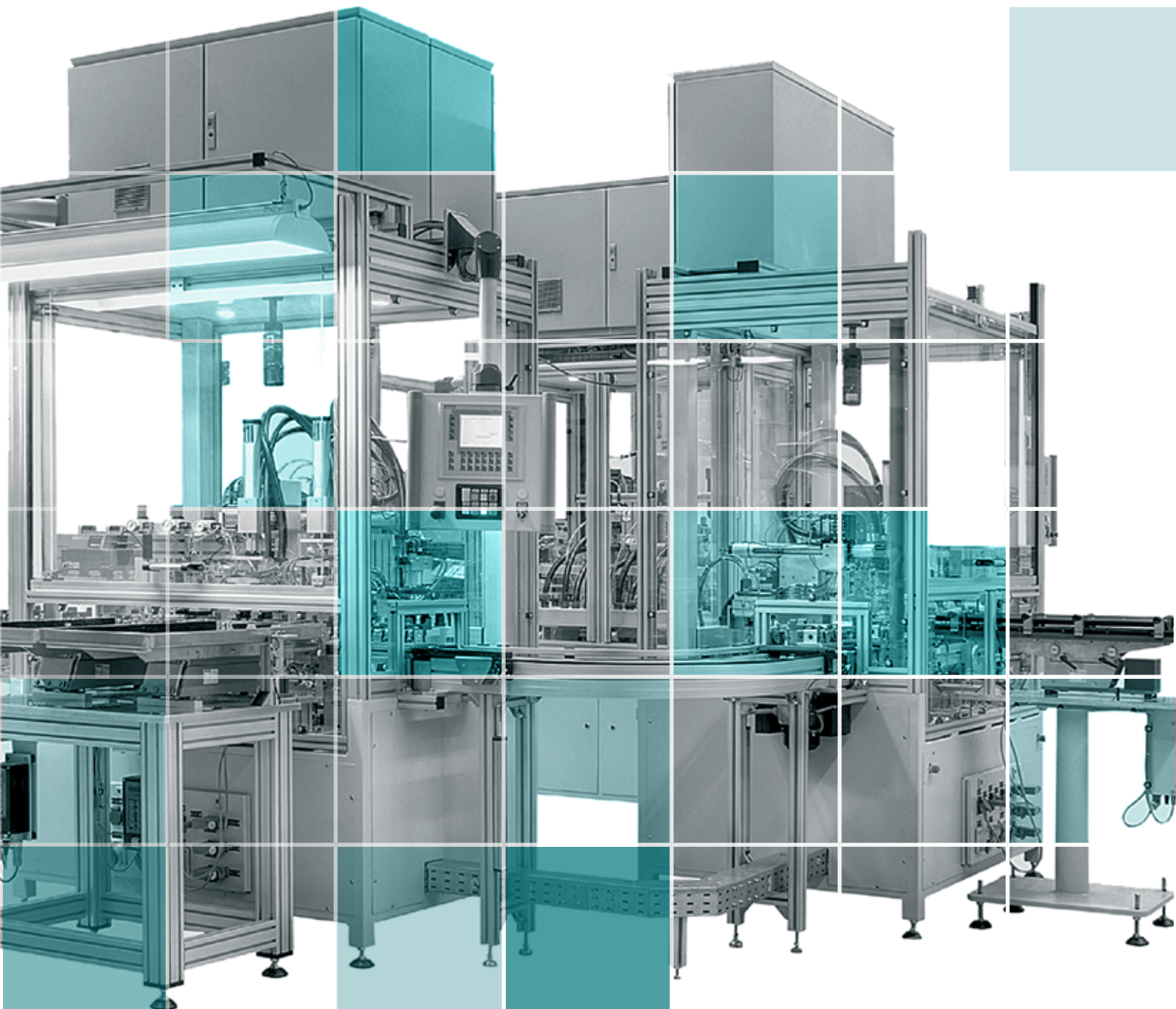




Your partner for factory automation



Excellence from experience

SIM Automation GmbH has been a manufacturer of special-purpose machines for over 50 years and focuses on developing and manufacturing individual, customised all-in-one solutions.

### **We manufacture one-of-a-kind, unique products.**

This encompasses process development, project planning and the construction of ready-to-use assembly, handling, testing and inspection systems as well as complete production lines involving the most up-to-date manufacturing and testing technology and SIM's own feeding and sorting technology.

### **All from a single source.**

The reliable allocation and assembly of even the smallest of components at high speed and with great precision are technical challenges that only very few plant manufacturers can claim to accomplish reliably.

Over 240 highly qualified and motivated employees ensure global customer satisfaction at our site in Heilbad Heiligenstadt, Germany.

We provide you with customised equipment, testing and feeding systems that are tailored to your needs. These flexible, modular and reliable products ensure a high-level of performance.

### **Your partner for factory automation.**

With our expertise, you will be able to produce high-quality products extremely efficiently. We strive to build long-term and fair relationships with our customers.

### **Transforming expertise, consultancy and trust into mutual success.**

**Medical Devices and  
Pharma Diagnostics**

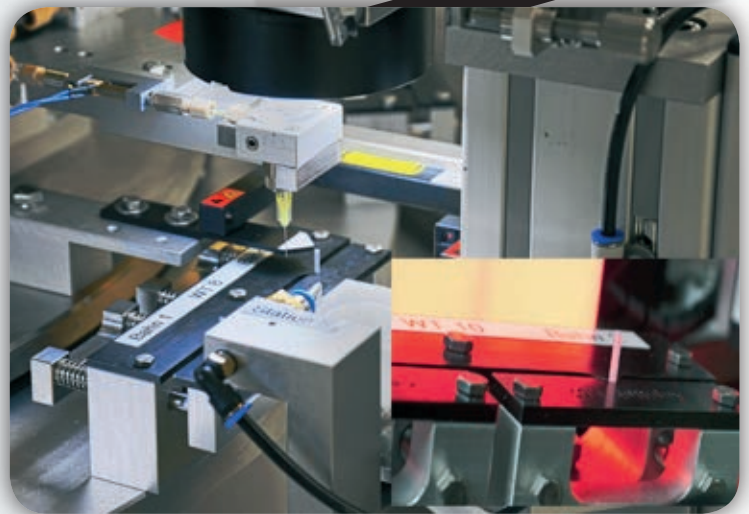
**Automotive and  
Electrical Industry**

**Food and Cosmetics**

Alongside customised and fully automated assembly and testing systems, we develop and manufacture production lines for high-precision components, assemblies and finished products.

With our expertise, which we have acquired over decades, we are able to realise the most diverse projects and thereby achieve lasting competitive advantages for our customers.

- Customised, efficient and technically optimised machines and systems
- High uptime, top quality systems
- Professional, customer-oriented project management
- Full range of services from consultation to turnkey products
- Experienced and dedicated employees who analyse your assembly processes within the framework of a comprehensive concept and proposal preparation
- Joint development of production processes and assembly-compliant product design
- Employees, who have the consultation, product and technological expertise, to work with you to develop an assembly concept that suits your application and your company optimally.



## Testing and inspection systems

- **Customised equipment**  
all adapted to your application!
- **Use of cutting edge measuring and testing technology**
  - Leakage tests
  - Pressure tests
  - Electric tests
  - Visual monitoring

## Assembly systems

**Machines and systems for highly accurate and precise assembly:**

- **Rotary systems**

Electromechanical or pneumatic  
Cam-controlled  
High-speed

- **Linear systems**

Loose or direct interlinking  
Cam-controlled or electric

- **Workpiece circulation systems**

- **Hybrid assembly solutions**

Highly flexible  
For small batches  
Integrated manual work stations



## Feeding and sorting technology

- **Systems with spiral conveyors**  
Product-specific in stainless steel or plastic  
A wide range of performance categories  
Sorting elements CAD engineered and CNC manufactured
- **Automatic cells and multi-lane linear sorter**  
Minimal space requirement  
Compact  
High output  
Optional integration of testing technology
- **Universal palletiser**  
Flexpicker, portal robot version with up to 80 cycles  
Integrated image processing  
Automatic adjustment to a wide range of equipment



## Components and devices

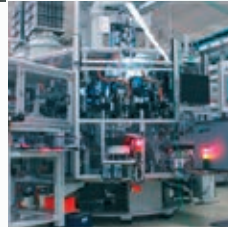
- **Laser marking system**  
Self-contained marking system  
3-axis laser control  
Variable focal point positioning
- **Belt hoppers**  
Gentle on parts  
Reduces operational effort
- **Small conveyor belts**  
Single-track  
Dual-track  
Individual solutions  
Various designs



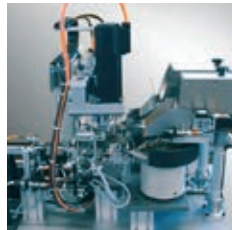
Assembly machine for hinged lids



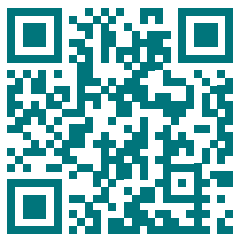
Assembly machine for gas generators



Individual feedings

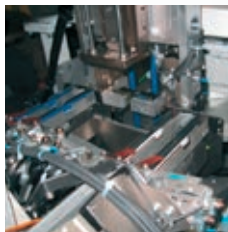


Assembly lines for venous cannulas



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www.sim-automation.com

Feeding system for writing instruments assembly



Feeding system for "wet" O-rings

