



Company Portrait

We design solutions for you!



Welcome

In the field of mechanical engineering, we offer you tailor-made solutions, from project planning, development and design to detailing and assembly. We take on projects from pure engineering services to ready-to-operate production plants!



GAteK mbH



An overhead photograph of a business meeting. Five people are seated around a light-colored wooden table. They are looking at and pointing to various documents and a laptop. One document prominently displays a floor plan or technical drawing. Another document has the text 'CONCEPT SERVICES' and 'INDUSTRIAL' visible. There are also coffee cups, a calculator, and a smartphone on the table. The image is framed by a white, angular border that tapers towards the bottom left.

GAteK mbH

About us

Our years of experience distinguish us in all areas of industrial assembly, manufacturing, and automation technology. Our focus lies in the planning, design, and construction of production facilities for small and large series. Our portfolio includes industrial custom solutions ranging from individual production cells and manual workstations to fully automated production lines.

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Our Philosophy



Quality, Reliability and Innovation

With us as your partner, you are choosing an industrialized, innovative, and reliable solution for your project. We develop your design together, taking into account all given requirements. Communication is very important to us! You will always be informed about the project status, and any obstacles will be addressed openly and directly. Our many years of experience pay off for you – our solutions are always state-of-the-art, and our feedback on planned processes is well-founded and transparent. The collaboration is always clear and transparent for you!



Our Services

Our nearly 20 years of company history work to your advantage. Over this time, we have implemented a wide range of designs and mechanical engineering projects.

Taking into account applicable safety requirements and ergonomic aspects, we design both manual and automated workstations. Our portfolio also includes the design of automated production lines, various feeding systems, and strength calculations.



ENGINEERING

From the initial concept to the finished system, our design engineers oversee your project.



ASSEMBLY

Our technicians are involved in the design phase from the beginning and carry out all installation and setup work on-site at your facility.



AUTOMATION

Would you like to automate existing processes? Get in touch with us!

Our Expertise



Automation

Cycle-synchronized feeding systems, workpiece-specific part feeding, implementation/optimization of workpiece systems, design of automated production lines, development of flexible assembly systems



Engineering

Clamping and machining fixtures, tools, gauges and measuring equipment, setup plan generation using CAD and databases, setup, programming, and adjustment plans for large-scale production, machines, and production lines



Technical Documentation

Operating manuals / Maintenance instructions, CE standards / certification, pneumatic / hydraulic diagrams, 3D models for factory planning or trade fair presentation



Structural Mechanics

Strength calculations for machine parts and structures, strength calculations for steel and welded constructions, analysis of structures considering non-elastic material behavior and plastic deformations, analysis of damage to machine parts and steel structures to determine the cause of failure





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Our Expertise



Welding Technology

Diffusion welding machines, clamping fixtures, welding support devices, welding support frames, plant construction / pressure vessel construction



Factory Planning

Workplace design and material flow planning, optimization of manufacturing processes, tool planning, 3D simulation of production lines, creation of machine layout plans, data collection for production, building services and infrastructure, escape route planning, hall layout



Assembly

At our site or yours – from complete commissioning and acceptance to maintenance work in your company

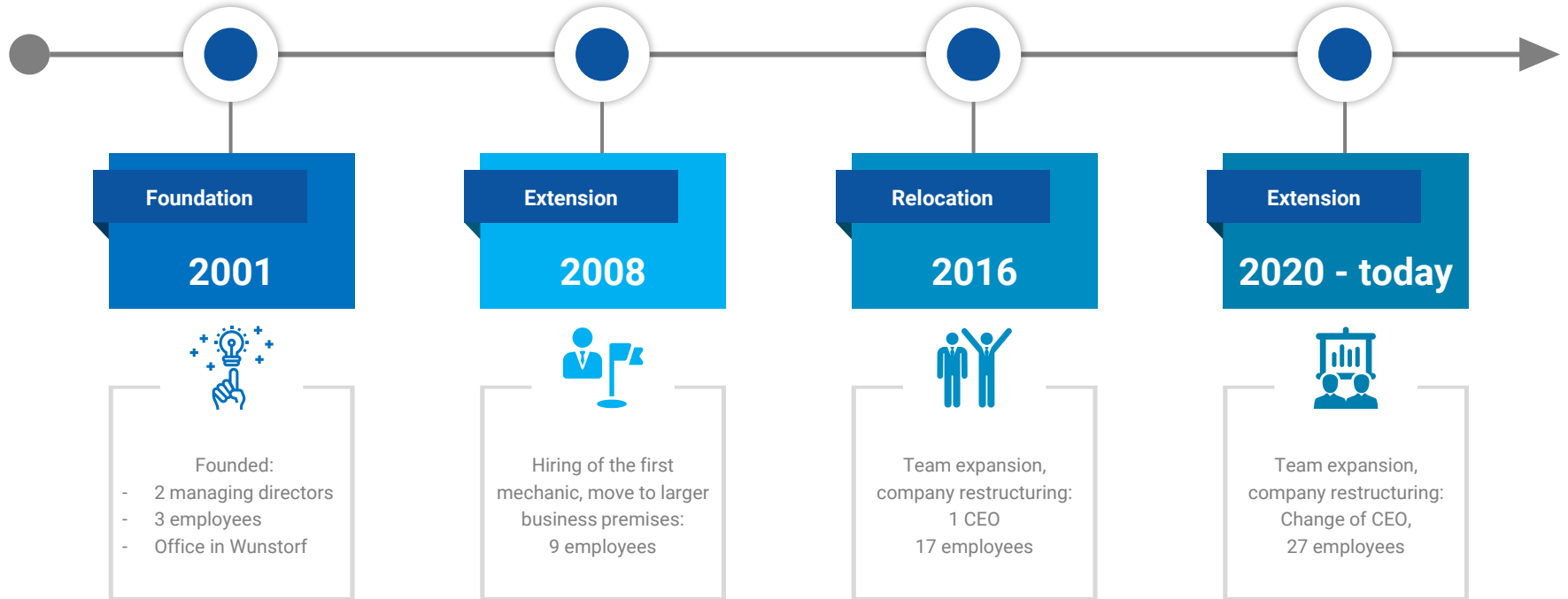


Control Technology

Automating production processes, wiring control systems and networking them via fieldbuses, modernizing existing systems or machines, planning and coordinating all components up to implementation and commissioning, creating circuit diagrams

Our History

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In Numbers

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27



Employees

60%



Engineering

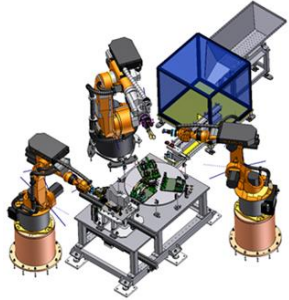
40%



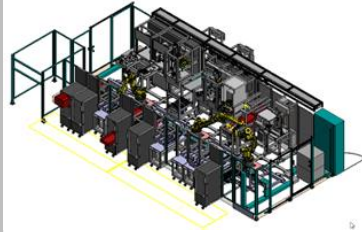
Assembly

References

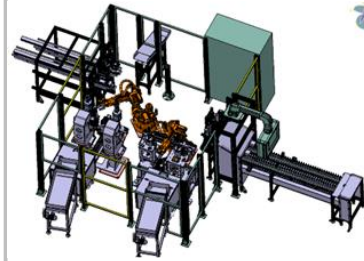
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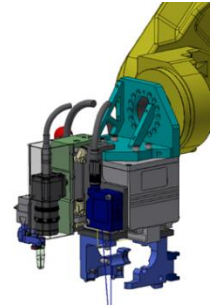
01 Testing station



02 Valve assembly



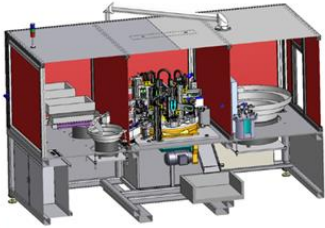
03 Automation



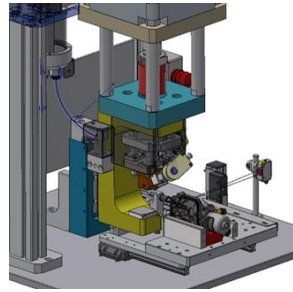
04 Robot gripper

References

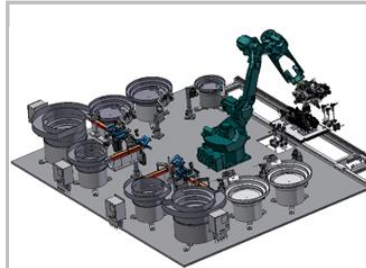
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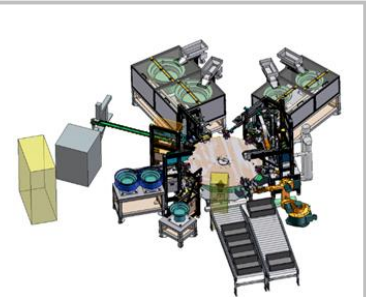
05 Assembly



06 Presses



07 Feeders



08 Robots

CAD Systems

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Autodesk Inventor



Solid Edge



Autodesk Autocad



Siemens NX



CATIA V5



Solid Works





Quality Management

All workflows at GAtEK-mbh are strictly process-oriented. Our quality management is certified by TÜV Rheinland according to DIN ISO 9001:2015.

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Innovation

There's no such thing as 'can't'. Our drive is the passion to explore new paths and master challenges together with our customers – with innovation and reliability. We develop new, sustainable solutions with a clear focus on our customers and the market.

Driven by efficiency, we are constantly seeking new ideas to implement cost-effective solutions with outstanding quality. We are your fair and reliable partner in mechanical engineering and the automotive industry. Our services are individually tailored to your specific requirements.

Contact



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