

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

XENON Automatisierungstechnik GmbH is a medium-sized company with a total of 410 employees at its sites in Dresden (Germany), Souzhou (China) and Querétaro (Mexico). The company has over 30 years of experience in the development of automated system solutions for the automotive, electronics and medical technology sectors, with over 1500 machines delivered.

Automation of process steps and manufacturing technologies for the production of lightweight components and peripherals (e.g. sensor networks). XENON's customised systems are mostly new developments that are used for the automated production and assembly of innovative mechatronic products. As a result, XENON has a wealth of experience in the application of a wide range of process technologies (dosing, joining, handling, lasering, welding, testing, cutting, etc.).

Pforzheimer Str. 16
01189 Dresden
Saxony
Germany
www.xenon-automation.com



Organisation type
Large enterprises

Sector

Employees
250 up to 499

Turnover
More than €50m

Funding

Main areas covered Automation solutions, Underbody e-vehicles, Injection moulding

Infrastructure Laboratory, Technology demonstrators

Certifications ISO 9001

Keywords Assembly automation, Test automation, Injection moulding automation, Robot automation, Digital services

Memberships Silocon Saxony, 3-D-MID e.V., AMZ, AND, IAK_Future_stable_assembly

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants		✓	✓
Services & consulting Consulting, Testing and trials, Engineering, Maintenance and repair		✓	✓
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics		✓	✓
Recycling technologies			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Plasma process		✓	✓
<i>Fibre composite technology</i>			
Forming Bending, Thermal converting		✓	✓
Joining Clinching, Adhesive bonding, Soldering, Screwing, Welding		✓	✓
Material property alteration Mechanical treatment, Heat treatment		✓	✓
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Shearing/punching, Grinding, Cutting		✓	✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
Functional materials			✓
Piezoelectric materials			
Metals			✓
Aluminium, Steel, Titanium			
Plastics			✓
Thermoset plastics, Elastomers, Thermoplastics			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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Innovation

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