

SITEC Industrietechnologie GmbH

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About this organisation

Machine translation

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

SITEC is a globally recognised partner and system supplier for automated production systems and for the series production of assemblies and precision parts. We devote our full attention to the use of innovative technologies and develop production-ready solutions for laser material processing and automated assembly for our customers. SITEC achieves this with around 300 highly qualified employees and optimum teamwork.

Laser material processing of lightweight materials such as aluminium, titanium, plastic, metal foam, composite materials in particular processing by laser welding, laser cutting, laser hardening, laser drilling, laser structuring

Bornaer Str. 192
09114 Chemnitz
Saxony
Germany
www.sitec-technology.de



Organisation type
Small or medium-sized enterprise

Sector

Employees
250 up to 499

Turnover
€10m - €50m

Funding



Main areas covered	Laser processing for lightweight construction
Infrastructure	Laser Technology Centre
Certifications	ISO 9001, ISO 14001, IATF 16949
Keywords	Laser processing
Memberships	VDMA, Hzwo, AMZ

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants			✓
Services & consulting Consulting, Testing and trials, Validation, Technology transfer	✓		
Field of technology			
Design & layout Lightweight manufacturing	✓	✓	✓
Functional integration Actuator technology, Media conductivity, Sensor technology			✓
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Deposition welding	✓	✓	✓
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Clinching, Hybrid joining, Adhesive bonding, Riveting, Screwing, Welding			✓
Material property alteration			
Heat treatment	✓	✓	✓
Primary forming			
Processing and separating			
Drilling, Cutting	✓	✓	✓
Textile technology			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials) Closed-pore, Open-pore, Syntactic foams	✓	✓	✓
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	
<i>Fibres</i>			
Functional materials Shape memory materials	✓		✓
Metals Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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