SGL TECHNOLOGIES GmbH

About this organisation

Machine translation

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

SGL Carbon is a technology-based global leader in the development and manufacture of carbon-based solutions. Its high-quality materials and products made of speciality graphite and composites are used in future-oriented industrial sectors: automotive, aerospace, semiconductor technology, solar and wind energy.

Together with customers, SGL Carbon develops tailor-made lightweight solutions for large series applications at the Lightweight and Application Center in Meitingen, drawing on its broad material base and process expertise along the entire fibre composite value chain.

Werner-von-Siemens-Str. 18
86405 Meitingen
Bavaria
Germany
www.sglcarbon.com

Organisation type
Large enterprises

Sectors

Employees
500 and more

Turnover
More than €50m

Funding
n/a

Main areas covered	Lightweight construction solutions made from fibre composites
Infrastructure	
Certifications	ISO 9001, ISO 14001, ISO 50001
Keywords	
Memberships	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials	✓	✓	✓
Services & consulting Consulting, Testing and trials, Engineering, Prototyping, Validation, Simulation, Technology transfer		✓	✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts		✓	✓
Functional integration			
Measuring and testing technology Component and part analysis, Materials analysis, Destructive analysis		✓	✓
Modelling and simulation Loads & stress, Life-cycle analysis, Processes, Materials, Reliability validation		✓	✓
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology Fibre spraying, Filament winding, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion, Others (Thermoplastic pultrusion Wet moulding Thermoforming Fibre placement)	✓	✓	✓
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology Fibre manufacturing, Braiding, Yarn & roving production, Preforming, Textile surface treatment and finishing, Nonwoven & mats production, Weaving, Knitting, laid web production	✓	✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
Fibres Carbon fibres	✓	✓	✓
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles Yarns, rovings, Meshes, Laid webs, Woven fabrics, Nonwovens, mats	✓	✓	✓

Contacts

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Contacts

Ms Ina Giesbrecht-Müller

Manager Market Communications

ina.giesbrecht@sglcarbon.com