About this organisation

Machine translation

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

TEC-KNIT CCTT is a manufacturer and developer of technical textiles. The cross-industry expertise and the handling of a wide variety of materials enables a broad range of products (such as EMC shielding, armouring, FRP, energy absorbers, heaters, protective materials, etc.) as well as a continuous expansion of our expertise through exchange with universities and institutes (funded projects, theses).

MItgleidschaft im CC e.V., MAI Carbon, development of highly drapable UD materials for wind power and the automotive industry, functional integration in semi-finished products, heating for FRP, development of hybrid roving, concrete reinforcements made of AR glass and basalt, technology development CoCo (near-contour composites), current BMWi project drivEcomp.

AM Böwing 10 46414 Rhede North Rhine-Westphalia Germany ☑ www.tec-knit.de



Organisation type

Small or medium-sized enterprise

Sectors











Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a



Main areas Semi-finished products, Fibre reinforcement close to the contour, Hybrid roving,

Function integration covered

Infrastructure Production of semi-finished products, Plastics laboratory, Coating

Certifications ISO 9001:2015

Keywords

Memberships

leichtbauatlas.de Page 1 of 5

Overview of lightweighting expertise				
Machine translation This organisation has been machine-translated based on data provided in German.				
	Research	I Development	Manufacturing & Supply	
Offer				
Products Parts and components, Semi-finished parts, Materials	✓	✓	✓	
Services & consulting Distribution, Prototyping, Validation		✓	✓	
Field of technology				
Design & layout				
Functional integration Media conductivity, Sensor technology, Material functionalisation	✓	~		
Measuring and testing technology				
Modelling and simulation				
Plant construction & automation				
Recycling technologies				

leichtbauatlas.de Page 2 of 5

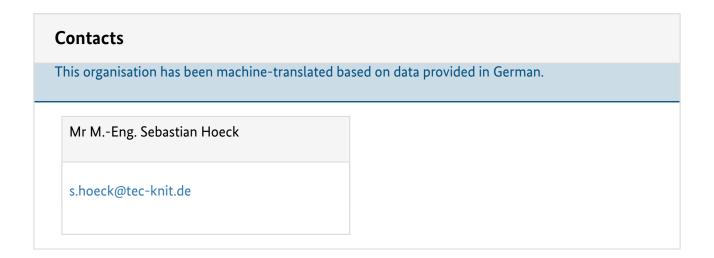
Overview of lightweighting expertise				
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	Research	Development	Manufacturing & Supply	
Manufacturing process				
Additive manufacturing				
Coating (surface engineering) Powder coating		✓	~	
Fibre composite technology				
Forming				
Joining				
Material property alteration				
Primary forming				
Processing and separating				
Textile technology Fibre manufacturing, Knitting, laid web production	✓	~	✓	

leichtbauatlas.de Page 3 of 5

Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing & Supply Research Development Material Biogenic materials Cellular materials (foam materials) Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Metal-fibre-polymer composite, Textile-reinforced concrete **Fibres** Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres **Functional materials** Shape memory materials Metals Steel, Others (Tungsten, molybdenum, copper, nickel) **Plastics** Thermoset plastics, Elastomers, Thermoplastics **Structural ceramics** Ultra-high-temperature ceramics (Technical) textiles Yarns, rovings, Knitted fabrics

Contacts Machine translation

leichtbauatlas.de Page 4 of 5



leichtbauatlas.de Page 5 of 5