

About this organisation

Machine translation

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

COTESA GmbH is a leading manufacturer of high-performance components such as CFRP profiles and multi-dimensional sandwich structures made of fibre-reinforced composites for the aviation and automotive industries.

- CFRP, GFRP, AFRP monolithic and sandwich components
- Composite-metal hybrid components - Component groups including assembly and painting - Design and development of components and processes - Destructive and non-destructive testing in the certified materials testing laboratory

Bahnhofstraße 67
09648 Mittweida
Saxony
Germany

www.cotesa.de



Organisation type

Large enterprises

Sectors



Employees

250 up to 499

Turnover

€10m - €50m

Funding



About this organisation

Main areas covered	Fibre composite components, Structural components, Composites, CFRP, Sandwich components
Infrastructure	Aviation, automotive, industry
Certifications	DIN EN 9100, NADCAP Composite, NADCAP NDT, ISO 17025
Keywords	Fibre composite, Carbon, Composite, CFRP, Paintwork
Memberships	BDLI, Carbon Composites e. V., Composites United e. V.

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Others (Design and development of components and manufacturing processes)	✓	✓	✓
Services & consulting Consulting, Testing and trials, Engineering, Validation, Simulation	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
Modelling and simulation Loads & stress, Optimisation, Structural mechanics		✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting			✓
Fibre composite technology Manual lamination, Pre-preg processing	✓	✓	✓
<i>Forming</i>			
Joining Adhesive bonding, Riveting, Screwing			✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Sawing, Grinding			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials) Others (Honeycomb materials)			✓
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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