

euro advanced carbon fiber composites GmbH

About this organisation

euro advanced carbon fiber composites GmbH (eacc) is a fast-growing company based in Esslingen am Neckar. Within the Toray network, eacc is the European subsidiary whose focus lies in the development, manufacture and sale of lightweight solutions.

Using processes such as prepreg compression molding, high pressure RTM and SMC presses, eacc currently manufactures GF-SMC and CF-SMC components in both plants for the automotive industry. The carbon and glass fiber reinforced plastic components are used in exterior and interior automotive products. Further industry sectors are being added to our portfolio step by step.

Fritz-Müller-Str. 11-27
73730 Esslingen
Baden-Württemberg
Germany
www.eacc.de



Organisation type
Large enterprises

Sectors

Employees
250 up to 499

Turnover
€10m - €50m

Funding
n/a

Main areas covered structural components, Automotive (Exterieur, Interieur), visible carbon

Infrastructure cutting machine, preform presses, milling machines, automated bonding stations, power wash system, presses, fully equipped measuring laboratory

Certifications ISO 9001, ISO 14001

Keywords RTM, (C-)SMC, CFK, CFRP, lightweight construction, carbon, glass fiber

Memberships AFBW

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Systems and end products		✓	✓
Services & consulting Consulting		✓	
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Optimisation, Structural mechanics, Materials		✓	✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Others (Überflutungstechnologie)		✓	✓
Fibre composite technology Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion		✓	✓
<i>Forming</i>			
Joining Adhesive bonding		✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Milling, Cutting		✓	✓
<i>Textile technology</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, 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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