

About this organisation

Machine translation

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

Eckerle GmbH specialises in the construction of complex 2-3K, back-injection, high-gloss and chrome tools as well as IMD, CFRP and GFRP tools. We have been developing and manufacturing moulding and pressing tools for series production and for research purposes in lightweight and hybrid construction for many years. We also manufacture components for the automotive and lorry supply industry, medical technology and for the electrical and household industries.

Successful participation in several lightweight construction research projects, e.g: "MAI-CARBON ROOF BARS": Weight reduction through the use of 4 bundled CF continuous fibre rods, formed, heated and inserted into an injection moulding tool for overmoulding. "MAI-CARON MULTI-Skeleton": Follow-up project to roof bow by using 2 pieces of bundled CF continuous fibre rods formed together as a cross-node element, heated and inserted into an injection mould for overmoulding incl. GID process. "AIF-Sandwich": Production of a test tool and demonstrator component of a section of a wheel arch liner with two different inlay textiles/velour on the outside, the core is made of foamed plastic and was produced using the SG process. "Optimum": Development and production of a hybrid forming tool with fibre-reinforced plastic as an alternative to sheet steel for car doors including window frames.

Max-Prinstner-Str. 19
92339 Beilngries
Bavaria
Germany
www.eckerle-gmbh.de



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

10 up to 49

Turnover

€2m - €10m

Funding

About this organisation

Main areas covered	Injection moulding and forming tools, Lightweight construction partial development, Hybrid forming and pressing tools
Infrastructure	Climate control cabinet, Tensile tester, Measuring machine, Filling simulation
Certifications	ISO 9001, EMAS, Bavarian Environmental Pact, Bavarian Family Pact
Keywords	Mould making, Toolmaking, Injection moulding
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Training, Testing and trials, Engineering, Prototyping, Validation, Simulation, Technology transfer, Maintenance and repair			✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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Mr Franz Eckerle

CEO

info@eckerle-gmbh.de