

Gustav Gerster GmbH & Co. KG

TechTex business unit

About this organisation

Machine translation

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

The Gerster TechTex division of Gustav Gerster GmbH & Co. KG is on component-adapted preform textiles, highly drapable non-crimp fabrics, woven and non-crimp tapes and UD tapes for lightweight fibre composite construction as well as in the field of heating textiles.

Highly drapable DRAPFIX biaxial fabric: Easy to mould without draping defects such as folds, distortion or incisions
Textile preforms: In continuous production, small and large quantities possible. - Multiaxial preforms (without embroidery base, also 2 1/2 - D), e.g. for sports articles - Round spiral woven tapes, e.g. for high-speed/high-load discs - Contour woven tapes as free-form, e.g. for frame structures woven and multiaxial belts UD tapes (binder on one side) Fillers and corner reinforcements Flow channels and flow media ("mesh") for vacuum infusion Heating textiles Special fabrics: - Mesh up to 1.8 m wide - Leno fabrics up to 3 m wide

Memminger Straße 18
88400 Biberach/Riß
Baden-Württemberg
Germany
www.gerster-techtex.com



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a



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About this organisation

Main areas covered Reinforcing and heating textiles

Infrastructure Textile machinery

Certifications ISO 9001:2008

Keywords Scrims, fabrics, preforms, tapes

Memberships

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts, Materials			✓
Services & consulting Consulting, Prototyping		✓	✓

Overview of lightweighting expertise

Machine translation

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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, Others (Near-net-shape textile preforms and highly drapable fabrics)		✓	✓
Functional integration Material functionalisation, Others (Material functionalisation, e.g. with heat conductors, sensors, etc.)		✓	✓
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Others (Support for automated production through the development of near-net-shape textile preforms)		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology Braiding, Preforming, Weaving, Knitting, laid web production, Others (Profiles, crochet-galon knitting technology, UD tapes, UD fillers and tension elements, cord twisting, leno fabrics)		✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
Fibres Aramid fibres, Basalt fibres, Glass fibres, Carbon fibres, Metal fibres, Natural fibres, Others (Plastic multifilaments and monofilaments)			✓
Functional materials Others (Textiles with electrical heating conductors and sensors)		✓	✓
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
(Technical) textiles Meshes, Laid webs, Woven fabrics, Knitted fabrics, Others (Preform techniques, profiles, crochet-galon knitting technique, UD tapes, UD fillers and tension elements, cord twisting, leno fabrics, lamination (e.g. with nonwovens))		✓	✓

Contacts

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Contacts

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