

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



Gustav Gerster GmbH & Co. KG

TechTex business unit

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

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

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, 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			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
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)		✓	✓

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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Gustav Gerster GmbH & Co. KG
TechTex business unit

Contacts

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