

# DORNIER, Lindauer DORNIER GmbH

## About this organisation

### Machine translation

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

Lindauer DORNIER GmbH is the technological market leader for machines for the production of high-quality semi-finished products in the textile and plastics industry.

Innovative solutions are summarised under the DORNIER Composite Systems® brand: - Systems for the continuous production of unidirectional fibre tapes - Machines for the production of high-quality tape fabrics - Production technology for the 3D weaving of integral reinforcement structures

Rickenbacher Str. 119  
88131 Lindau  
Bavaria  
Germany  
[www.lindauerdornier.com](http://www.lindauerdornier.com)



**Organisation type**  
Large enterprises

**Sector**

**Employees**  
500 and more

**Turnover**  
More than €50m

**Funding**  
n/a



**Main areas covered**      Production systems for tapes, Tape looms, 3D weaving machines

**Infrastructure**      DORNIER Composite Technology Centre

**Certifications**      ISO 9001

**Keywords**      Thermoplastic tapes, Tape fabric, 3D fabric

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Machines and plants, Tools and moulds		✓	✓
<b>Services &amp; consulting</b> Consulting, Testing and trials, Engineering, Prototyping, Validation, Maintenance and repair		✓	✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction			✓
<b>Functional integration</b> Actuator technology, Media conductivity, Sensor technology, Thermal activation, Material functionalisation		✓	✓
<b>Measuring and testing technology</b> Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis		✓	✓
<b>Modelling and simulation</b> Optimisation, Processes		✓	✓
<b>Plant construction &amp; factory automation</b> Plant construction, Automation technology, Handling technology, Robotics		✓	✓
<b>Recycling technologies</b> Downcycling, Material separation, Recycling, Upcycling			✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Deposition welding			✓
<b>Coating (surface engineering)</b> Galvanising, Painting, Plasma process, Powder coating, Hot dipping, Sputtering			✓
<b>Fibre composite technology</b> Manual lamination, Resin infusion process, Vacuum infusion			✓
<b>Forming</b> Bending, Compression moulding, Thermal converting, Deep-drawing, Rolling		✓	✓
<b>Joining</b> Adhesive bonding, Riveting, Screwing, Welding			✓
<b>Material property alteration</b> Mechanical treatment, Thermochemical treatment, Thermomechanical treatment, Heat treatment			✓
<b>Primary forming</b> Extrusion, Pultrusion		✓	✓
<b>Processing and separating</b> Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Shearing/punching, Grinding, Cutting			✓
<b>Textile technology</b> Preforming, Textile surface treatment and finishing, Weaving, Others: null	✓	✓	✓

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Bioplastics			✓
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Metal-fibre-polymer composite, Metal-ceramic composite, Natural fibre reinforced plastics (NFRP), Laminates, Particulate composites			✓
<b>Fibres</b> Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres			✓
<i>Functional materials</i>			
<b>Metals</b> Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium			✓
<b>Plastics</b> Thermoset plastics, Thermoplastics			✓
<i>Structural ceramics</i>			
<b>(Technical) textiles</b> Yarns, rovings, Woven fabrics		✓	✓

## Contacts

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