

About this organisation

Machine translation

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

As a system provider for the mobility sector, industry, life sciences and science, the HÜBNER Group is a global leader in the field of gangway systems for buses and rail vehicles, specialises in sophisticated solutions made of elastomers, insulation and composite materials and is a supplier of applications in laser and terahertz technology. HÜBNER employs a total of over 3,500 people at 30 locations worldwide.

HÜBNER has been developing and producing products made of composite materials and polyurethane for vehicle construction for decades. From moulded part and prototype development to series production - HÜBNER has decades of expertise in the plastics sector. The portfolio includes glass fibre reinforced plastic (GRP) - a cost-effective fibre composite material that is versatile and extremely stable. Its high corrosion resistance is particularly advantageous in the mobility sector. In addition, HÜBNER also manufactures durable, weight-saving and wear-resistant injection-moulded plastic parts that are used, for example, in energy supply systems and as couplings. The wide range of polyurethane products includes shock-absorbing fronts for trams, fire protection parts and vehicle interior parts of various degrees of hardness.

Heinrich-Herz-Straße 2  
34123 Kassel  
Hesse  
Germany  
[www.hubner-group.com](http://www.hubner-group.com)



**Organisation type**  
Large enterprises

**Sectors**  
  
Others: Flughafentechnik Laser-Technologie Terrahertz-Technologie Defense Oil & Gas Hygiene Maritime Anwendungen

**Employees**  
500 and more

**Turnover**  
n/a

**Funding**



## About this organisation

**Main areas covered** Products for: Bus, train, Commercial vehicles, Development, prototyping, mould making, Manufacturing, assembly, Customised solutions

**Infrastructure** Laboratories, Test benches

**Certifications**

**Keywords**

**Memberships**

## Overview of lightweighting expertise

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|                                                                                                                                                                                                                                                                                                         | Research | Development | Manufacturing<br>& Supply |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Offer</b>                                                                                                                                                                                                                                                                                            |          |             |                           |
| <b>Products</b><br>Parts and components, Semi-finished parts, Systems and end products, Others (Bus and rail transition systems; bellows for flexible connections; folding canopies; door safety systems; bus and rail systems; medical technology; hygiene technology; polyurethane for rail vehicles) | ✓        | ✓           | ✓                         |
| <b>Services &amp; consulting</b><br>Training, Consulting, Testing and trials, Funding, Engineering, Standardisation, Prototyping, Validation, Simulation, Technology transfer, Maintenance and repair, Approval                                                                                         | ✓        | ✓           | ✓                         |

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|                                                                                                                                                                                                                                                     | Research | Development | Manufacturing<br>& Supply |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Field of technology</b>                                                                                                                                                                                                                          |          |             |                           |
| <b>Design &amp; layout</b><br>Lightweight manufacturing, Lightweight design,<br>Hybrid structures, Lightweight construction<br>concepts, Lightweight material construction                                                                          | ✓        | ✓           | ✓                         |
| <b>Functional integration</b><br>Actuator technology, Sensor technology,<br>Material functionalisation                                                                                                                                              | ✓        | ✓           | ✓                         |
| <b>Measuring and testing technology</b><br>Component and part analysis, Visual analysis<br>(e.g. microscopy, metallography), System<br>analysis, Environmental simulation, Materials<br>analysis, Destructive analysis, Non-destructive<br>analysis | ✓        | ✓           | ✓                         |
| <i>Modelling and simulation</i>                                                                                                                                                                                                                     |          |             |                           |
| <i>Plant construction &amp; automation</i>                                                                                                                                                                                                          |          |             |                           |
| <i>Recycling technologies</i>                                                                                                                                                                                                                       |          |             |                           |

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| <b>Manufacturing process</b>                                                                                                                         |          |             |                           |
| <b>Additive manufacturing</b><br>3D printing                                                                                                         | ✓        | ✓           | ✓                         |
| <b>Coating (surface engineering)</b><br>Painting                                                                                                     |          |             | ✓                         |
| <b>Fibre composite technology</b><br>Fibre spraying, Manual lamination, Resin infusion process, Pre-preg processing, Vacuum infusion                 |          |             | ✓                         |
| <b>Forming</b><br>Bending                                                                                                                            |          |             | ✓                         |
| <b>Joining</b><br>Adhesive bonding, Soldering, Sewing, Riveting, Screwing, Welding                                                                   |          |             | ✓                         |
| <i>Material property alteration</i>                                                                                                                  |          |             |                           |
| <b>Primary forming</b><br>Extrusion, Injection moulding                                                                                              |          | ✓           | ✓                         |
| <b>Processing and separating</b><br>Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Shearing/punching, Grinding, Cutting |          |             | ✓                         |
| <b>Textile technology</b><br>Textile surface treatment and finishing                                                                                 | ✓        | ✓           | ✓                         |

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|                                                                                                                 | Research | Development | Manufacturing<br>& Supply |
|-----------------------------------------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Material</b>                                                                                                 |          |             |                           |
| <i>Biogenic materials</i>                                                                                       |          |             |                           |
| <i>Cellular materials (foam materials)</i>                                                                      |          |             |                           |
| <i>Composites</i>                                                                                               |          |             |                           |
| <i>Fibres</i>                                                                                                   |          |             |                           |
| <i>Functional materials</i>                                                                                     |          |             |                           |
| <b>Metals</b><br>Aluminium, Steel                                                                               |          |             | ✓                         |
| <b>Plastics</b><br>Thermoset plastics, Elastomers, Thermoplastics                                               | ✓        | ✓           | ✓                         |
| <i>Structural ceramics</i>                                                                                      |          |             |                           |
| <b>(Technical) textiles</b><br>Laid webs, Crocheted fabrics, Woven fabrics,<br>Knitted fabrics, Nonwovens, mats |          |             | ✓                         |

## Contacts

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Contacts

Mr Dipl.-Ing. Lothar Scharf  
*Head of system/lead development*

[lothar.scharf@hubner-group.com](mailto:lothar.scharf@hubner-group.com)