

Hutchinson Aerospace GmbH

Large companies

About this organisation

Machine translation

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

Hutchinson Aerospace is a leading systems supplier to the aerospace industry. We use our expertise in materials and engineering, state-of-the-art production processes and offer on-site and aftermarket services to fulfil your requirements.

Technology: - Prepreg components monolithic and in sandwich construction - Autoclave and out-of-autoclave technologies - Thermoplastic organic sheet processing in the area of very thin layer thicknesses - High-speed moulding - Thermoplastic joining using adhesive bonding and welding technology - Hybrid lightweight construction from thermoset/thermoplastic - Semi-finished product development / process development - Functional lightweight construction through integration - Integration of acoustic and thermal insulation

Hein-Saß-Weg 36
21129 Hamburg
Hamburg
Germany

www.hutchinson-aero-cabin.com/

Main areas covered

Machine tools

Infrastructure

Certifications

Keywords

Memberships



Organisation type

Large enterprises

Sector



Employees

500 and more

Turnover

n/a

Funding

n/a

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials, Tools and moulds	✓	✓	✓
Services & consulting Training, Testing and trials, Engineering, Standardisation, Prototyping, Validation, Simulation, Approval			✓
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
Functional integration Media conductivity, Others: null	✓	✓	✓
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis			✓
Modelling and simulation Loads & stress, Optimisation, Processes, Materials			✓
<i>Plant construction & factory automation</i>			
<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>			
Fibre composite technology Filament winding, Manual lamination, Pre-preg processing	✓	✓	✓
Forming Thermal converting	✓	✓	✓
Joining Hybrid joining, Adhesive bonding, Welding	✓	✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Sawing, Cutting	✓	✓	✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials) Closed-pore, Open-pore	✓	✓	✓
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics, Thermoplastics		✓	✓
Structural ceramics Monolithic ceramics			✓
<i>(Technical) textiles</i>			

Contacts

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Contacts

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