

About this organisation

Machine translation

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

We provide our customers with everything they need for a successful product and product development. Customers who work with us benefit from the latest technologies in the areas of development, design and production. At the RWTH-CAMPUS site, research areas are further intensified and new co-operations are initiated. Our team consists of engineers, trainers, CNC specialists and service technicians.

Machining, construction, design

Grüner Winkel 3
52070 Aachen
North Rhine-Westphalia
Germany

www.ph-mechanik.de



Organisation type

Small or medium-sized enterprise

Sectors



Others: Prototypenbau

Employees

10 up to 49

Turnover

€2m - €10m

Funding

Ph MECHANICS

Production site

About this organisation

Main areas covered Lightweight evacuation chair, Thin-walled aluminium tubes, Research projects CFRP components

Infrastructure

Certifications DIN EN ISO 9001:2015

Keywords System supplier, CNC production

Memberships Invention Centre, digitalHUB

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Engineering, Prototyping, Simulation, Technology transfer, Maintenance and repair	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & 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>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining			
Adhesive bonding, Soldering, Screwing, Welding	✓	✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating			
Drilling, Turning, Milling, Sawing, Grinding, Cutting	✓	✓	✓
<i>Textile technology</i>			

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>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Magnesium, Steel, Titanium	✓	✓	✓
Plastics			
Thermoset plastics, Elastomers, Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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Company management

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