

About this organisation

Machine translation

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

The Grunewald group of companies forms a strategic alliance for toolmaking, model and mould construction and the development, design and production of metallic components, plastic components and fibre composite parts, from design, prototype construction and pre-series through to series production processes.

Grunewald produces thin-walled aluminium and iron castings, such as body and chassis parts as well as engine components using gravity and low-pressure sand casting. The focus is on both prototypes and small series with quantities of up to 3,000 parts per year. With the Pep Set moulding material system, both very precise accuracies and special surfaces can be achieved. Grunewald supports its customers from the initial idea through the moulding-ready design to series production. Dimensions of up to 1,800 mm * 1500 mm * 500 mm can be moulded.

Biemenhorster Weg 19
46395 Bocholt
North Rhine-Westphalia
Germany
www.grunewald.de

Main areas covered Thin-walled structural cast iron, Toolmaking, Casting prototypes

Infrastructure

Certifications ISO 9001

Keywords CAD/CAE, Engineering, Automotive toolmaking, Toolmaking aviation, Cast products, Mechanical processing

Memberships



Organisation type
Small or medium-sized enterprise

Sectors

Employees
50 up to 249

Turnover
n/a

Funding
n/a

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Tools and moulds		✓	✓
Services & consulting Engineering, Prototyping, Validation, Simulation		✓	✓
Field of technology			
Design & layout Hybrid structures, Lightweight construction concepts		✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis			✓
Modelling and simulation Optimisation, Processes, Materials		✓	✓
Plant construction & automation Plant construction		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting			✓
Fibre composite technology Manual lamination, Pre-preg processing			✓
<i>Forming</i>			
Joining Screwing, Welding			✓
Material property alteration Heat treatment		✓	✓
Primary forming Casting		✓	✓
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Sawing			✓
<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>			
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Steel, Titanium			✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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