

Gränges Powder Metallurgy GmbH

Research and development

About this organisation

Machine translation

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

Gränges Pulver Metallurgy is a world leader in the production of high-silicon aluminium alloys by means of spray compacting. One focus is the production of additive manufactured components from the above-mentioned aluminium alloys. The production capacity is up to 3500 tonnes/year.

Thanks to its many years of experience in the field of aluminium materials, Gränges Powder Metallurgy has detailed knowledge of both the lightweight construction material aluminium and the design and manufacture of components.

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North Rhine-Westphalia
Germany

www.granges.com



GRÄNGES
Powder
Metallurgy

Organisation type

Small or medium-sized enterprise

Sector



Others: Herstellung von
Aluminiumpulvern und deren
Verarbeitung

Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a

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Main areas covered	Aluminium materials
Infrastructure	Aluminium powder production plant, Additive manufacturing, Material testing, Spray compacting systems for aluminium
Certifications	ISO 9001
Keywords	Aluminium, Dispall, additive manufacturing
Memberships	Aluminium Industry Association

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials	✓	✓	✓
<i>Services & consulting</i>			
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			
Additive manufacturing			
3D printing	✓	✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials) Closed-pore, Others (Aluminium foam sandwich components)	✓	✓	✓
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium	✓	✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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