

HEGGEMANN AG

About this organisation

Machine translation

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

Family business founded in Paderborn in 1962; supplier for the aerospace and automotive industry; development and production of complex metallic lightweight structures; approx. 200 employees and 20 trainees on approx. 16,000 square metres at the headquarters at Paderborn-Lippstadt Airport; realisation of the complete value chain for the customer: from product development to series production to the production of ready-to-install structures and systems.

Founded in 1962 as an aeronautical engineering company, HEGGEMANN has over 50 years of experience in the development and manufacture of metallic lightweight structures. In addition to the actual component design and calculation, HEGGEMANN Engineering also offers customers Production & Quality Engineering for the design of the production process optimised for the number of pieces. The company, which is based at Paderborn-Lippstadt Airport, is characterised in particular by its many years of expertise in the processing of steels, aluminium alloys, titanium and magnesium alloys into ready-to-install, high-quality lightweight structures. The company has particularly extensive expertise in the production technologies of welding, hot forming and machining of the above-mentioned materials. To ensure component and process quality, HEGGEMANN has a materials laboratory, destructive and non-destructive testing procedures and a quality management system in accordance with current aviation standards.

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33142 Büren
North Rhine-Westphalia
Germany
www.heggemann.com



HEGGEMANN



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a

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About this organisation

Main areas covered	Metallic lightweight structures
Infrastructure	Design Engineering, Production & Quality Engineering, Manufacturing (components, systems), Validation, test
Certifications	DIN EN 9100/ISO 9001/15085(CL1), EASA Part 21G and EASA Part 145, Nadcap™ AC 7110/5, AC7114/1+2, Cert. qualif. Welders DIN-ISO 24394, Supply Cert:Rolls-Royce, MTU, GE
Keywords	Production Engineering, Design to cost, Hot forming, hot forming, Welding, machining, assembly, Titanium, aluminium, magnesium
Memberships	bavAIRia e.V., BDLI e.V., SPACE Germany e.V., VDB e.V., AiF e.V.

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Systems and end products, Materials, Tools and moulds, Others (Process development)		✓	✓
Services & consulting Testing and trials, Funding, Engineering, Prototyping, Validation, Simulation, Technology transfer, Maintenance and repair, Approval		✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
Functional integration Actuator technology		✓	✓
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Materials analysis, Destructive analysis, Non-destructive analysis		✓	✓
Modelling and simulation Loads & stress, Life-cycle analysis, Optimisation, Processes, Materials		✓	✓
Plant construction & automation Handling technology		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Deposition welding	✓	✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Bending, Compression moulding, Thermal converting, Deep-drawing	✓	✓	✓
Joining Clinching, Hybrid joining, Adhesive bonding, Soldering, Riveting, Screwing, Welding		✓	✓
Material property alteration Mechanical treatment, Heat treatment		✓	✓
Primary forming Casting		✓	✓
Processing and separating Drilling, Turning, Milling, Sawing, Shearing/punching, 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>			
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Magnesium, Steel, Titanium	✓	✓	✓
Plastics Thermoplastics			✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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