#### About this organisation

#### **Machine translation**

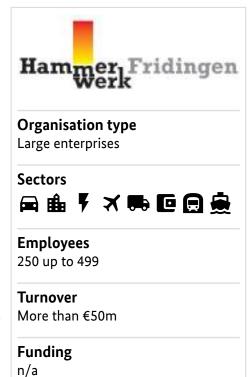
This organisation has been machine-translated based on data provided in German.

At our sites in Germany and Eastern Europe, we offer all the necessary work steps to produce high-quality drop forgings and hot-pressed parts on press and hammer forging systems. Process development and simulations ensure feasibility. We have the most common machining processes at our disposal in order to be able to offer a ready-to-install part.

As a development partner to the automotive and aerospace industries, we are very familiar with the requirements of lightweight construction. We have the infrastructure to develop, simulate and analyse components using FEM. We pay attention to the consistent application of lightweight design criteria right from the development stage. Sample and series parts are analysed using state-of-the-art testing equipment. We are familiar with the development stages in the automotive industry.

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☑ www.hammerwerk.de



Main areas covered	Automotive: drivetrain, chassis, Aviation: Gearbox (landing flaps), Special vehicles, drive technology
Infrastructure	Forming technology, Heat treatment, Processing, Development
Certifications	ISO/TS 16949, ISO 9001, ISO 14001, ISO 50001, EN 9100
Keywords	Precision forging, High-strength steels, Load-optimised forgings
Memberships	

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# Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing **Development** & Supply Research Offer **Products Services & consulting** Engineering, Others (Advice on the design of forged parts and selection of appropriate steel materials) Field of technology Design & layout Lightweight design Functional integration Measuring and testing technology Modelling and simulation Loads & stress, Optimisation, Structural mechanics, Materials Plant construction & automation Recycling technologies

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# Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing **Development** & Supply Research Manufacturing process Additive manufacturing Coating (surface engineering) Fibre composite technology **Forming** Impact extrusion, Compression moulding, Forging Joining Material property alteration Thermomechanical treatment, Heat treatment Primary forming Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Grinding Textile technology

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# Overview of lightweighting expertise Machine translation

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals Steel		<b>✓</b>	<b>✓</b>
Plastics			
Structural ceramics			
(Technical) textiles			

#### **Contacts**

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