

Aage GmbH - Aalener Gesellschaft fuer Leichtbauteile mbH

About this organisation

Development foundry with focus on aluminium and magnesium pressure die-casting

Optimised stability properties by setting the production parameters for the production of the pressure die-casting
Optimising the component geometry concerning the charging burden Weight reduction by aluminium and magnesium alloys Process development for the production of structure components by pressure die-casting

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Aalener Gesellschaft für Leichtbauteile
- Entwicklungs-gießerei -
· zertifiziert nach DIN EN ISO 9001:2015
· zertifiziert nach DIN EN ISO 14001:2015

Organisation type
Small or medium-sized enterprise

Sectors


Employees
Up to 9

Turnover
Up to €2m

Funding



Main areas covered

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Materials	✓	✓	✓
Services & consulting Training, Consulting, Testing and trials, Engineering, Prototyping, Technology transfer	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Destructive analysis, Non-destructive analysis	✓	✓	✓
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming Casting	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise			
	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Aluminium, Magnesium, Others	✓	✓	✓
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts
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