

Hydro Aluminium Deutschland GmbH

Hydro Aluminium Rolled Products GmbH

About this organisation

Machine translation

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

Hydro Aluminium Rolled Products is a leading manufacturer of advanced aluminium rolled products. 100+ years. ~1 million tonnes per year. ~4,000 employees in Germany, Norway and service teams in Europe, Asia, America. For lighter, sustainable construction of more efficient cars, trucks, ships, trains etc., durable building sheet, appliances and equipment - more and more of which we recycle ourselves, again and again. Low-carbon aluminium.

In-house research & development with >100 employees in Bonn. More than 100,000 tonnes of aluminium strip per year for automotive applications alone, including structure, chassis and interior applications through to heat exchangers. Focus on bodywork, especially body in white/outer skin. Large-scale production facility in Grevenbroich inaugurated in 2017 with skin pass, continuous annealing and coating systems. In-house trimming and cutting processes. Supplier for many well-known car manufacturers, especially in Europe. Qualified development partner for e-mobility and battery technology with expertise and optimised solutions for e.g. conductivity for electricity or heat, formability, robustness, etc. Further rolling mills in Neuss (Alunorf), Hamburg and Norway. Plants in Holmestrand/NO and Grevenbroich with lines for function-optimised coatings. Growing supply from recycling with own plants and recycling solutions. ASI-certified for Chain of Custody.

Aluminiumstraße 1
41515 Grevenbroich
North Rhine-Westphalia
Germany
www.hydro.com



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding

n/a

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Main areas covered	Rolled aluminium products, Aluminium strip and aluminium foil, Material development, Body panels, Functional surfaces
Infrastructure	In-house research and development, R&D centre with 100+ employees, Materials and forming test laboratories, Corrosion laboratory, Metallography
Certifications	IATF 16949:2016 until 20 June 2021 GRV, ISO 9001:2015 until 5 June 2023, ISO 14001:2015 until 25 March 2023, IATF 16949:2016 until 1 November 2021 HH
Keywords	Aluminium materials, E-mobility, Car body, Strips and sheets, Recycling
Memberships	GDA Aluminium industry, European Aluminium, ECCA - European Coil Coating Assoc.

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts, Materials	✓	✓	✓
Services & consulting Training, Consulting, Testing and trials, Prototyping, Validation, Simulation, Technology transfer	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
Functional integration Material functionalisation	✓	✓	✓
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis	✓	✓	✓
Modelling and simulation Optimisation, Processes, Materials	✓	✓	✓
<i>Plant construction & automation</i>			
Recycling technologies Material separation, Recycling	✓	✓	

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting	✓	✓	✓
<i>Fibre composite technology</i>			
Forming Rolling	✓	✓	✓
<i>Joining</i>			
Material property alteration Mechanical treatment, Thermochemical treatment, Thermomechanical treatment, Heat treatment	✓	✓	✓
Primary forming Casting	✓	✓	✓
Processing and separating Cutting			✓
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<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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