

About this organisation

Machine translation

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

As an SME, we specialise in the anodising and hard anodising of precision mechanical workpieces from racing, precision mechanics and mechanical engineering. Our expertise in material recommendations, areas of application, standardisation (aerospace, automotive, MIL), mechanical/chemical pre- and post-treatment and our own process developments enable us to offer customer-specific solutions. A process certificate documents every delivery of coated components.

(prooxyd®) anodising process for the formation of decorative and corrosion-resistant anodised layers in a wide range of colours. In addition to mechanical treatments, we offer chemical processes such as pickling or polishing as pre-treatments. We also successfully process alloys that are considered to be poorly or non-anodisable. (polymeroxid® xH4) The most efficient hard anodised layer on the market combines maximum wear resistance and the greatest possible smoothness. This is achieved by forming a polymer oxide matrix in a new type of high-performance electrolyte. (polymeroxid® LF4) Our special coating with improved surface smoothness for applications for which hard anodising was previously not ideal, such as in racing on piston tracks in damping elements. Combines abrasion resistance and the best possible friction properties. The process produces the smoothest hard anodised coatings on the market!

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Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a

About this organisation

Main areas covered	Anodised/hard anodised coating, Process development, Wear testing technology
Infrastructure	Blasting technology, Mechanical pre-treatment, Chemical pre-treatment, Surface testing technology, High-voltage testing technology
Certifications	ISO 9001
Keywords	Anodised, Hard anodising, Aluminium, Automotive, Mechanical and plant engineering
Memberships	IHAA Int. Hard Anodising Assoc., ASTM International

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Machines and plants, Systems and end products, Materials	✓	✓	✓
Services & consulting Consulting, Testing and trials, Standardisation, Prototyping, Validation, Approval	✓	✓	✓

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Field of technology

Design & layout

Functional integration

Measuring and testing technology

Modelling and simulation

Plant construction & automation

Recycling technologies

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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