About this organisation

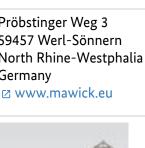
Machine translation

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

"A passion for plastics technology" has been our guiding principle for more than 60 years. The name Mawick and its employees stand for innovation, high technical expertise, in-house toolmaking in the automotive, agricultural engineering, electronics, household and children's vehicle sectors certified to ISO9001/TS16949. 45 injection moulding machines (clamping force 500 to 15000 KN), 2 blow moulding machines and a clean room are available for production

Lightweight construction - for Josef Mawick Kunststoff-Spritzgusstechnik, this means the optimum selection of materials, the design of geometries adapted to the component requirements and the use of state-of-the-art manufacturing processes with the aim of fully meeting the customer's demands on the components both functionally and economically. In-house calculations for mould design, injection points, distortion simulations and FEM calculations together with our long-standing partners are all part of Mawick's full-service portfolio. Together with the customer and the raw material manufacturer, a lightweight plastic steering housing for electric and small vehicles was developed and qualified for series production. In addition to the economic advantages, a weight reduction of 40% and all OEM test specifications were achieved. In 2016, the steering housing was honoured with the Silver Award at the Materialica trade fair and the Innovation Award of the city of Werl.

Pröbstinger Weg 3 59457 Werl-Sönnern North Rhine-Westphalia Germany







Employees 50 up to 249

Turnover n/a

Funding n/a

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About this organisation				
Main areas covered	Development of plastic articles, Metal substitution, Component optimisation, Injection moulding tool creation, Injection moulded parts up to 6,500 g			
Infrastructure				
Certifications	ISO 9001 and ISO/TS16949			
Keywords	1K, 2K, blow moulding, clean room, GID, finishing, printing, assembly, Welding,, Toolmaking			
Memberships				

Overview of lightweighting expertise					
Machine translation					
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	Research	N Development	Manufacturing & Supply		
Offer					
Products					
Services & consulting Engineering, Prototyping, Simulation			✓		
Field of technology					
Design & layout Lightweight manufacturing, Hybrid structures		✓	✓		
Functional integration					
Measuring and testing technology					
Modelling and simulation					
Plant construction & automation					
Recycling technologies					

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	Research	Development	Manufacturing & Supply		
Manufacturing process					
Additive manufacturing Deposition welding, Stereolithography			✓		
Coating (surface engineering) Galvanising, Painting, Plasma process			✓		
Fibre composite technology					
Forming					
Joining					
Material property alteration					
Primary forming Injection moulding , Others (Blow moulding technology)			~		
Processing and separating					

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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 Material **Biogenic materials** Bioplastics, Biocomposites Cellular materials (foam materials) Composites Fibres Functional materials Metals **Plastics Thermoplastics** Structural ceramics (Technical) textiles

Contacts

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