

About this organisation

Machine translation

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

Since its foundation in 2006, Qeridoo has established itself as one of the leading manufacturers of multifunctional pushchairs for children. The in-house development department works together with research institutes and test laboratories to improve current safety standards and break new ground in order to create innovative and safe products.

The company has always relied on lightweight components and replaced steel profiles with aluminium profiles, for example, in order to keep the weight as low as possible in daily use and guarantee optimum handling. The early use of 3D printing technologies and the use of rapid prototyping enables a variety of material compositions. This optimises properties such as strength and weight, thereby accelerating the entire development process. The aim is to also use these material properties in series production in order to realise further weight reductions.

Industriepark Nord
53567 Buchholz
Rhineland-Palatinate
Germany
www.qeridoo.de

The logo for Qeridoo, featuring the brand name in a bold, rounded, teal-colored font.

Organisation type

Small or medium-sized enterprise

Sector



Employees

10 up to 49

Turnover

€2m - €10m

Funding



About this organisation

Main areas covered

Bicycle trailers and accessories, Multifunctional pushchairs for children

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Others (Bicycle trailers and accessories)	✓	✓	
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Life-cycle analysis, Multiphysics simulation, Optimisation, Structural mechanics, Materials	✓	✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
3D printing	✓	✓	
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology			
Textile surface treatment and finishing	✓	✓	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	
Fibres Carbon fibres, Natural fibres	✓	✓	
<i>Functional materials</i>			
Metals Aluminium, Steel	✓	✓	
Plastics Thermoset plastics, Elastomers	✓	✓	
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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