BOGE Rubber & Plastics Group

About this organisation

Machine translation

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

BOGE Rubber & Plastics has stood for excellent products in the field of vibration control technology and lightweight components for the automotive industry since 1931. As a long-standing partner of leading international automotive manufacturers, BOGE develops innovative solutions for the mobility of tomorrow. With around 4,000 employees in seven countries on four continents, BOGE Rubber & Plastics has a global presence.

For the perfect and brand-specific driving experience, BOGE goes the extra mile and develops integrated solution concepts for its customers that optimise function, weight and costs. Continuous fibre-reinforced plastics offer lightweight construction potential, as they have been used in the automotive industry for years. Using the example of a safety-critical component, BOGE Rubber & Plastics will demonstrate a fully automated process chain based on the brake pedal, which it manufactures from plastic granulate and pre-consolidated textile semi-finished products (organic sheets). The weight saving realised in the series production process is between 40 and 55% compared to conventional pedals. In addition, continuous fibre-reinforced plastics can be used in the transport industry to help reduce fleet consumption or to compensate for the weight of the battery for increasing unit scenarios.

Dr.-Jürgen-Ulderup-Platz 1
49401 Damme
Lower Saxony
Germany
www.boge-rubber-plastics.com

Organisation type
Large enterprises

Sectors

Employees
500 and more

Turnover
More than €50m

Funding

BOGE Rubber & Plastics Group

About this organisation

Main areas covered	Continuous fibre-reinforced plastics
Infrastructure	
Certifications	
Keywords	
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

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Contacts

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