

Autefa Solutions Germany GmbH

Development and application technology

About this organisation

Machine translation

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

FROM FIBRE RECYCLING TO NONWOVENS: - For carbon, glass, aramid and natural fibres - Turnkey plants - Waste recycling of carbon and composites - Fibre opening and processing - Nonwoven formation - Nonwoven bonding (mechanical and thermal)

AUTEFA Solutions offers solutions and shows how carbon fibres, glass, aramid and natural fibres can be returned to industrial use as nonwovens. Nonwoven formation: - Aerodynamic nonwoven former Airlay K12: This provides a voluminous nonwoven with isotropic fibre orientation and medium fibre separation at the same time. - Autefa Solutions carbon card: This ensures very good fibre separation with unidirectional alignment. - The card for carbon fibres can also be combined with the Topliner compensating stacker to influence the fibre orientation, basis weight and width of the nonwoven. Fibre bonding: - Stylus needling machine: It ensures mechanical bonding of the nonwoven and offers the possibility of processing 100% carbon fibres. - HiPerTherm thermobonding oven: By adding a thermoplastic fibre, multifunctional nonwovens are created through thermal bonding.

Paul-Lenz-Strasse 1
86316 Friedberg
Bavaria
Germany
www.autefa.com



Organisation type

Small or medium-sized enterprise

Sector



Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a



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Main areas covered	Machine nonwoven technology
Infrastructure	Mechanical engineering
Certifications	No information
Keywords	Fibre recycling Nonwovens Composites
Memberships	

Overview of lightweighting expertise

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

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology			
<i>Pre-preg processing</i>			✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
Fibres Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres			✓
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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