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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About this organisation

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

Overview of lightweighting expertise

Machine translation

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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			

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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 Pre-preg processing			✓
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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

Contacts

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