

# SIG Combibloc Systems

## Global Technology Systems

### About this organisation

#### Machine translation

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

SIG is a leading provider of packaging solutions for a more sustainable world. We work in partnership with our customers to bring food to consumers around the world in a safe, sustainable and affordable way. Our unique technology and outstanding innovation enable us to provide our customers with end-to-end solutions for differentiated products, smarter factories and connected packaging.

Laminated composite material based on wood fibres (cardboard) with polymer and aluminium foil coating

Rurstraße 58  
52441 Linnich  
North Rhine-Westphalia  
Germany  
[www.sig.biz](http://www.sig.biz)



#### Organisation type

Large enterprises

#### Sectors



Others: Lebensmittelverpackung

#### Employees

500 and more

#### Turnover

More than €50m

#### Funding

n/a

<b>Main areas covered</b>	Packaging industry
<b>Infrastructure</b>	Cardboard coating system
<b>Certifications</b>	ISO 50001, ISO 14001, ISO 9001
<b>Keywords</b>	Aseptic filling machines, Packaging based on wood fibres, Cardboard/polymer/aluminium foils Laminates
<b>Memberships</b>	VDMA

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### Overview of lightweighting expertise

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Offer	Manufacturing		
	Research	Development	& Supply
<b>Products</b> Parts and components, Semi-finished parts, Machines and plants, Systems and end products, Materials	✓	✓	✓
<b>Services &amp; consulting</b> Consulting, Testing and trials, Engineering, Prototyping, Validation, Simulation, Maintenance and repair	✓	✓	✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<b>Functional integration</b> Thermal activation	✓	✓	✓
<b>Measuring and testing technology</b> Materials analysis, Destructive analysis, Non-destructive analysis			✓
<b>Modelling and simulation</b> Loads & stress, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Materials	✓	✓	✓
<b>Plant construction &amp; automation</b> Plant construction, Others (Filling of)	✓	✓	✓
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> Laminated object manufacturing (LOM)	✓	✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<b>Joining</b> Adhesive bonding	✓	✓	✓
<b>Material property alteration</b> Mechanical treatment, Thermochemical treatment, Thermomechanical treatment, Heat treatment		✓	✓
<b>Primary forming</b> Extrusion, Others	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Manufacturing  
Research   Development   & Supply

#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

#### Composites

Natural fibre reinforced plastics (NFRP),  
Laminates

✓      ✓      ✓

*Fibres*

*Functional materials*

*Metals*

#### Plastics

Elastomers

✓      ✓      ✓

*Structural ceramics*

*(Technical) textiles*

### Contacts

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# **SIG Combibloc Systems**

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### **Contacts**

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