

# 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

**Main areas covered** Packaging industry

**Infrastructure** Cardboard coating system

**Certifications** ISO 50001, ISO 14001, ISO 9001

**Keywords** Aseptic filling machines, Packaging based on wood fibres, Cardboard/polymer/aluminium foils Laminates

**Memberships** VDMA

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### Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<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)	✓	✓	✓

*Recycling technologies*

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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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<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<b>Composites</b>			
Natural fibre reinforced plastics (NFRP), Laminates	✓	✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<b>Plastics</b>			
Elastomers	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

### Contacts

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## Contacts

Mr Dr.-Ing. Taoufik Mbarek

*Senior System Expert Global R&D*

[taoufik.mbarek@sig.biz](mailto:taoufik.mbarek@sig.biz)