



**ERNST KRAEMER
& SÖHNE**
EIN TEIL DER FRÖTEK-GRUPPE

Shaping the future of packaging

Sustainable
Solutions.
Real Impact.





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Sustainability with Responsibility

As a manufacturer of plastic solutions, we take responsibility for resources, the environment, and future generations. Our goal is to continuously develop sustainable products and processes while maintaining the highest technical standards.

Creating Impact together



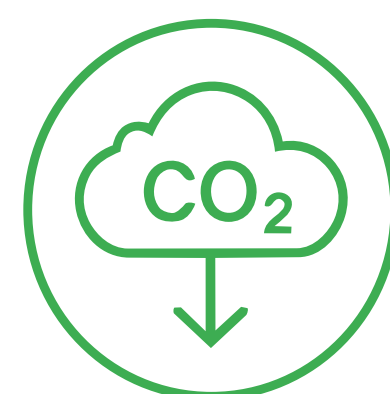
100 %

PCR material
in use



100 %

sustainable
product variants
(E-K-S Bioline®)



100 %

theor. CO₂ savings
through reuse



100 %

of our products
are recyclable



Our Solution **E-K-S Bioline®**

Smart materials.
Sustainable choices.
Measurable impact.



Paper fibre

- Bio-based material.
- Reduced fossil resources.
- Lower CO₂ footprint.
- Mechanically recyclable.
- Drop-in replacement.
- Industrially compostable.



Sugar cane

- Bio-based raw material.
- Up to 4 kg CO₂ savings/kg.
- Mechanically recyclable.
- ISCC PLUS certified.
- No technical modifications.
- Supports biodiversity.

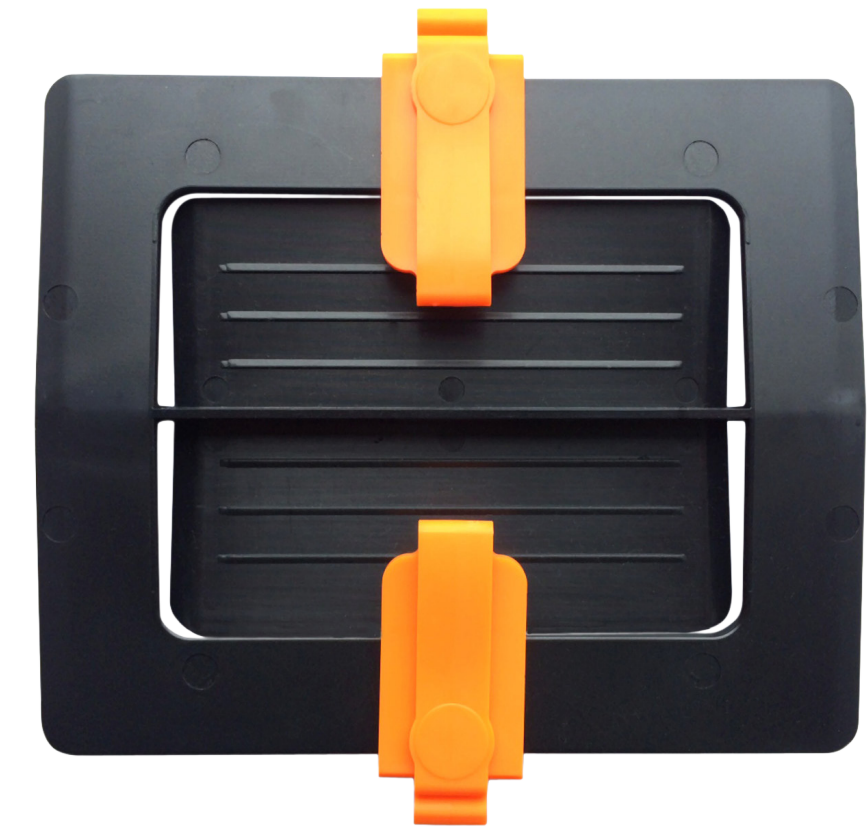


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Shaping the future of packaging

Smart Solutions That Inspire

Versatile solutions
for a wide range of
packaging needs.





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Locking Elements

Simple Handling

Reliable locking solutions for industrial and reusable packaging applications.

- **Fast opening and reclosing**
- **Tamper-evident** options
- **Reusable** solutions
- **Customizable** designs
- **Easy** integration





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Paper Handles

Sustainable Carrying

Eco-friendly carrying handles combining strength, comfort and sustainable materials.

- **Sustainable** material
- **Comfortable** grip
- **High load capacity**
- **Easy** application
- **Logo printing** available





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Heavy Duty & Loop Handles

Built for Heavy Loads

Reliable carrying solutions for demanding packaging and industrial applications.

- **High load** capacity
- **Ergonomic** handling
- **Durable** construction
- **Multiple sizes** available
- **Custom** solutions





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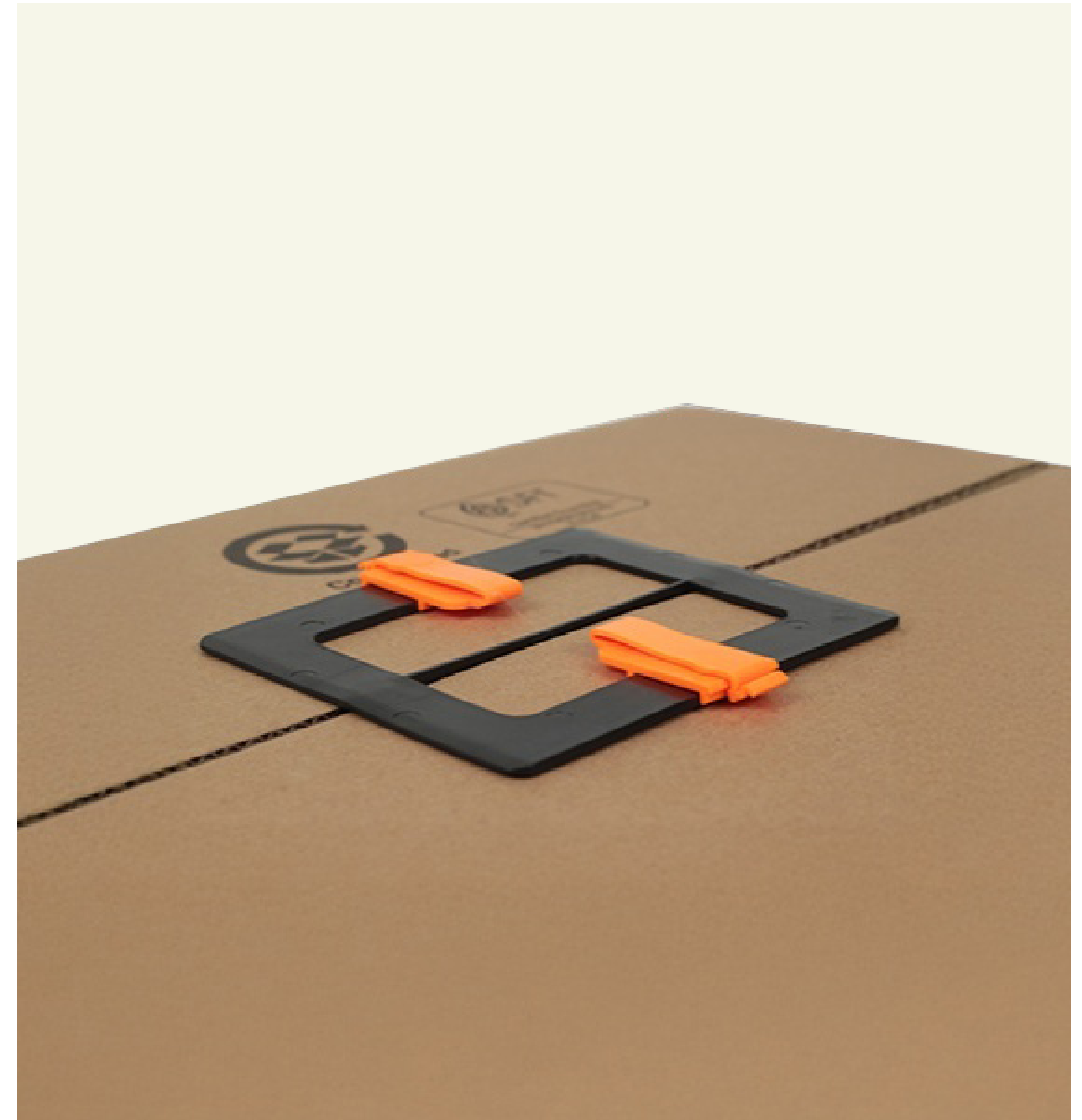
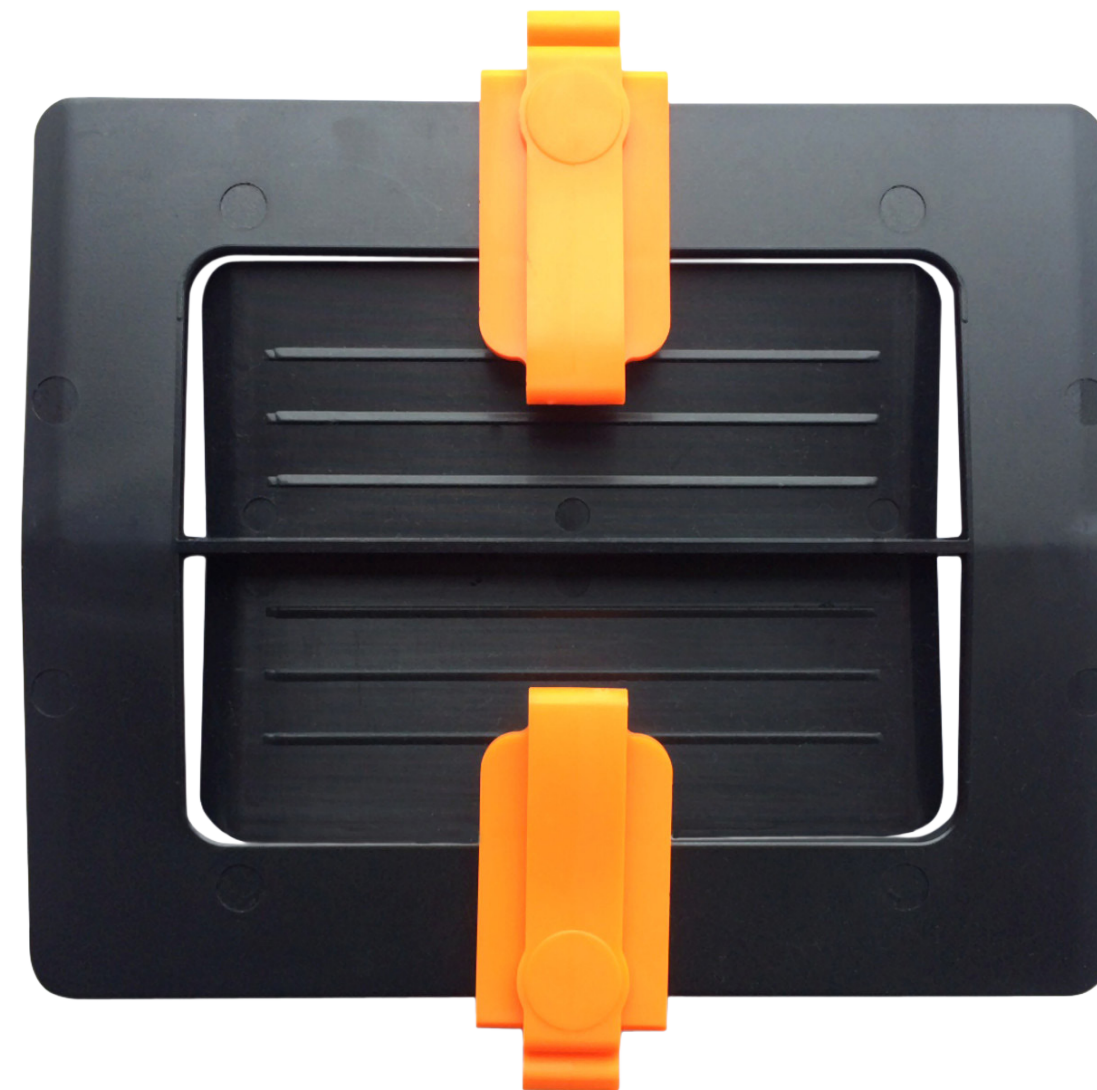
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Box Latch

Smarter Logistics

Innovative locking system designed for returnable and reusable packaging concepts.

- **Tool-free** operation
- **Secure** locking
- **Multiple reuse** cycles
- **Reduced** packaging **waste**
- Ideal for **circular systems**





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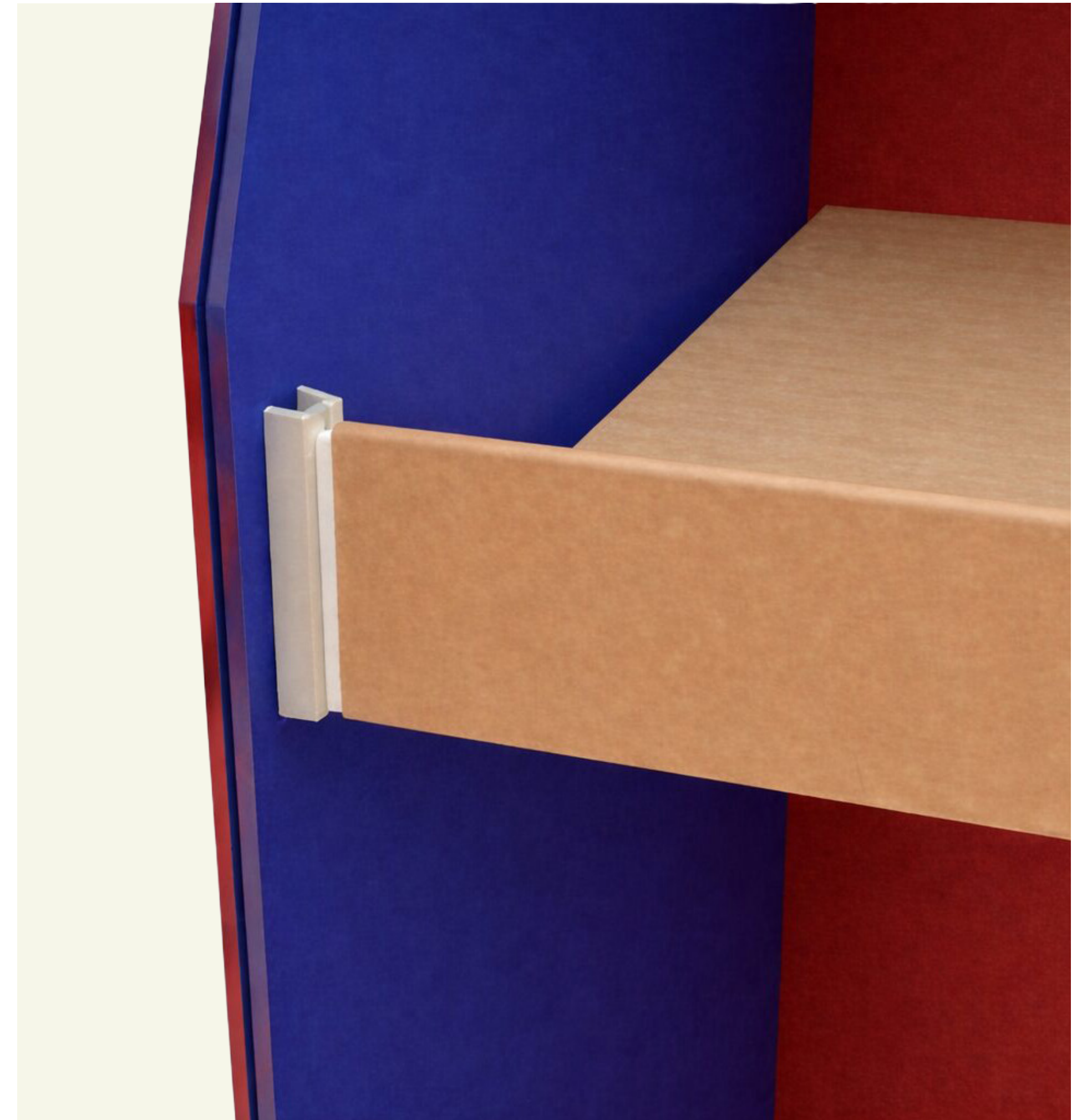
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POS Solutions

Stand Out Sustainably

Shelf-ready and point-of-sale solutions made from sustainable paper fiber materials.

- **Sustainable** appearance
- **Lightweight** construction
- **Easy assembly**
- **Custom branding**
- **Recyclable material** options





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Square Timber - & Pallet Fixation

Efficient fixation systems for timber, pallets and heavy goods during transport.

- **Secure** load fixation
- **Fast** installation
- **Reduced** transport **damage**
- **Reusable** concepts
- Suitable for **industrial logistics**





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Development From Idea to Solution

Every project phase begins with a thorough analysis. We examine the requirements, stresses and conditions of the future product and compare these with material properties, manufacturing options and economic objectives.

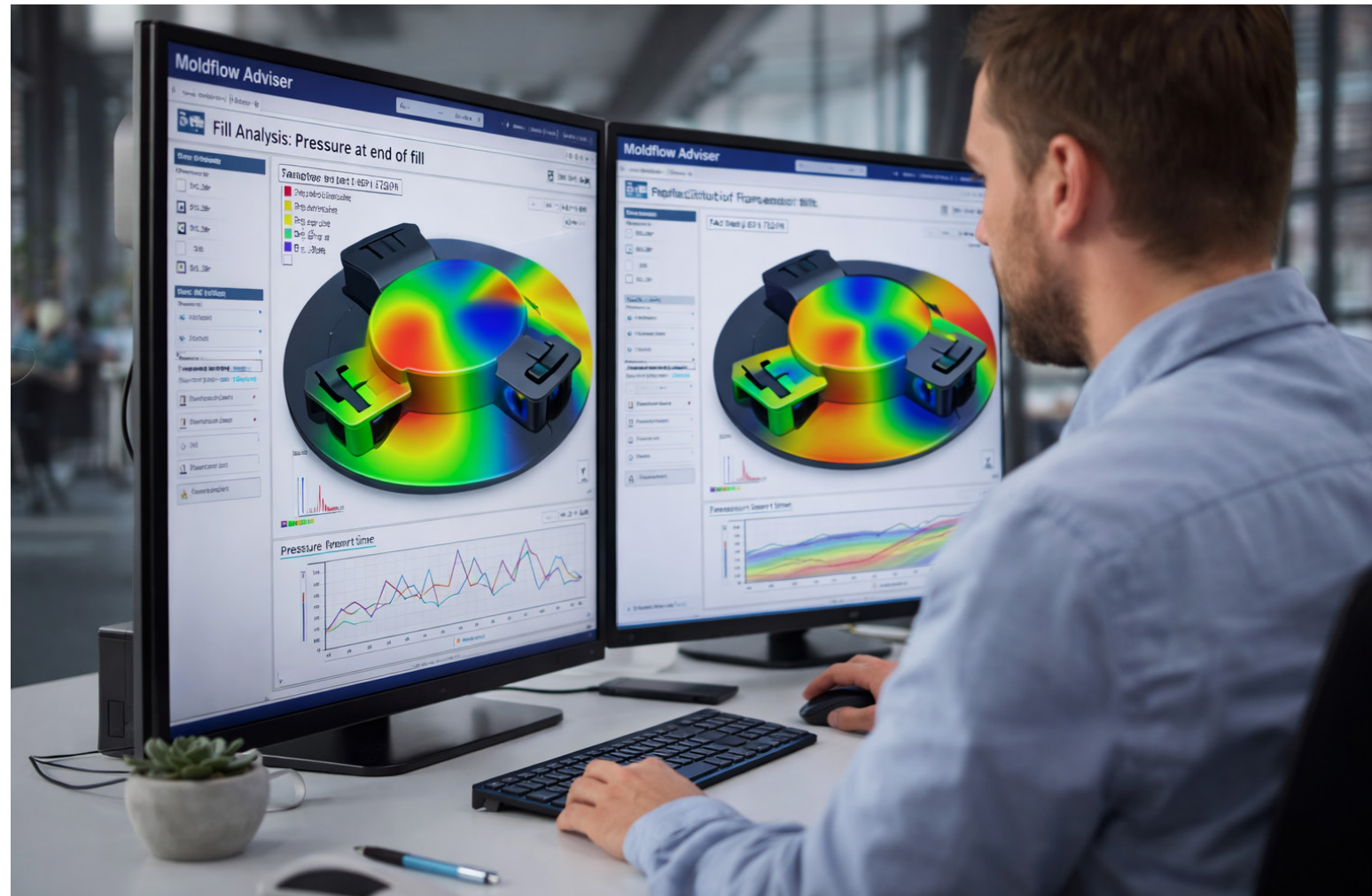
Using digital simulations, CAD models and feasibility studies, we create a secure foundation for all further steps. This ensures that function, quality and costs are optimally coordinated even before the first draft.





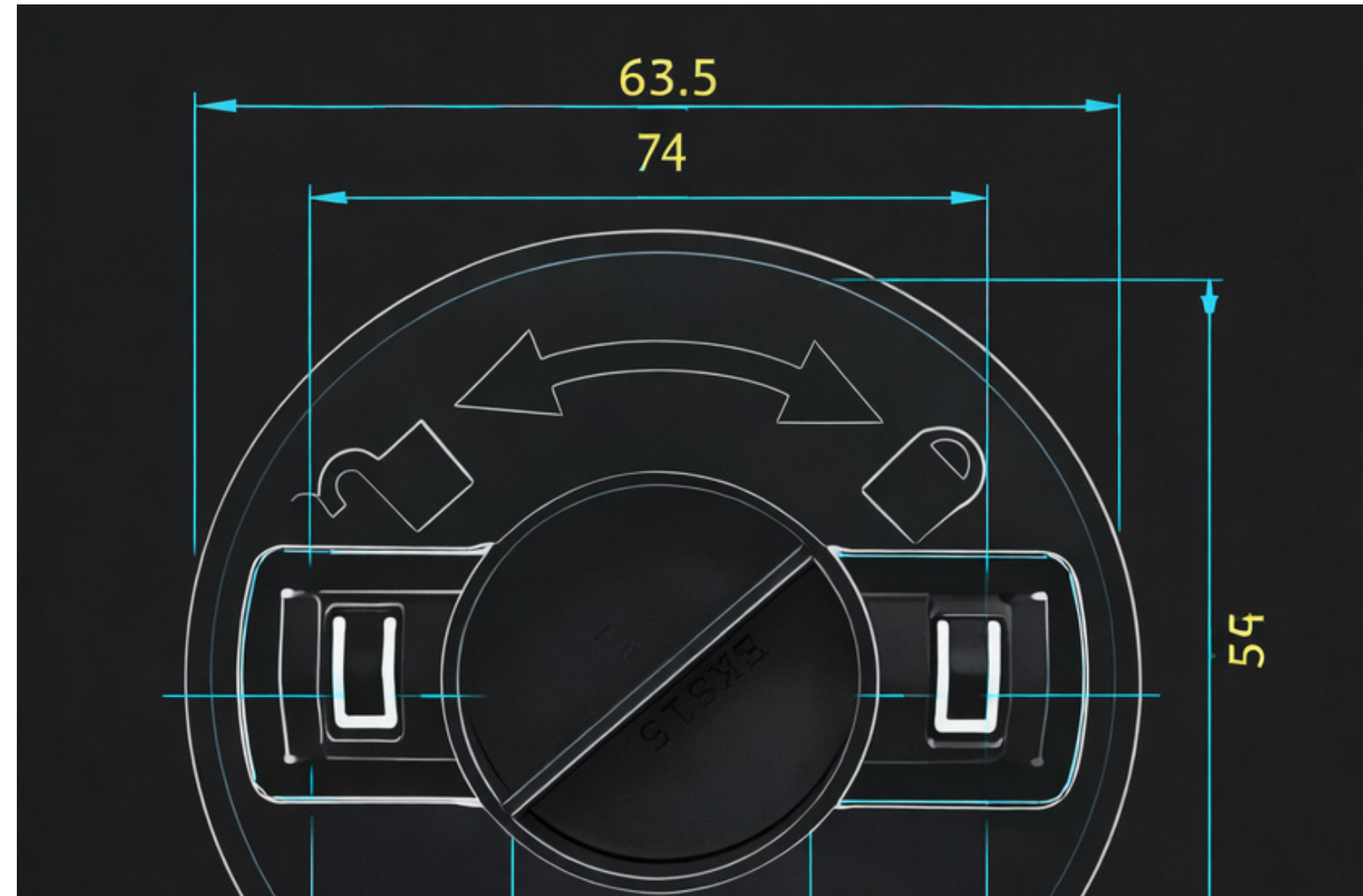
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1. Analysis

- Requirement analysis
- Material selection
- CAD design
- Digital simulations
- Feasibility studies
- Optimized cost & performance



2. Construction

- Tool design
- Optimized component geometry
- Efficient material flow
- Reliable tool cooling
- Production-ready engineering
- Consistent series quality



3. Mass production

- Series production
- Automated manufacturing
- Repeatable quality
- Precise dimensional accuracy
- Continuous process control
- Premium product quality

Let's Talk

Ready to get started?

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