

# Efficient full-line solution for standard RSC converting



FLEXO FOLDER GLUER

**VISIONFFG**

# Efficient full-line solution for standard RSC converting

The **VISIONFFG** is a highly efficient full-line solution for high-quality RSC converting. Designed to optimize productivity thanks to its Rapidset system, the **VISIONFFG** enables converters to meet high demands with accurate and consistent folding quality. The **VISIONFFG** offers a cost-effective way to produce boxes adapted to customers' needs.

## VISIONFFG

- > At a glance
- > Packaging market
- > Benefits and features
  - > Efficient inline
  - > Cost-effective solution
  - > Optimized productivity
- > Specifications
- > Related products
- > Services



**Efficient inline** RSC  
converting solution

**Cost-effective**  
solution for quality  
boxes

**Optimized**  
productivity

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# Creating value

**BOBST innovations**  
are driven by customer  
and brand owner needs.

## Goods protection and safety

Protecting the goods is the main requirement for corrugated boxes meaning high quality, clever designs, robustness and zero-fault.

## Customized, premium, secured

Boxes play a new role, as customization, high-graphics, and security features are increasingly required.

## Out-of-the-box experience

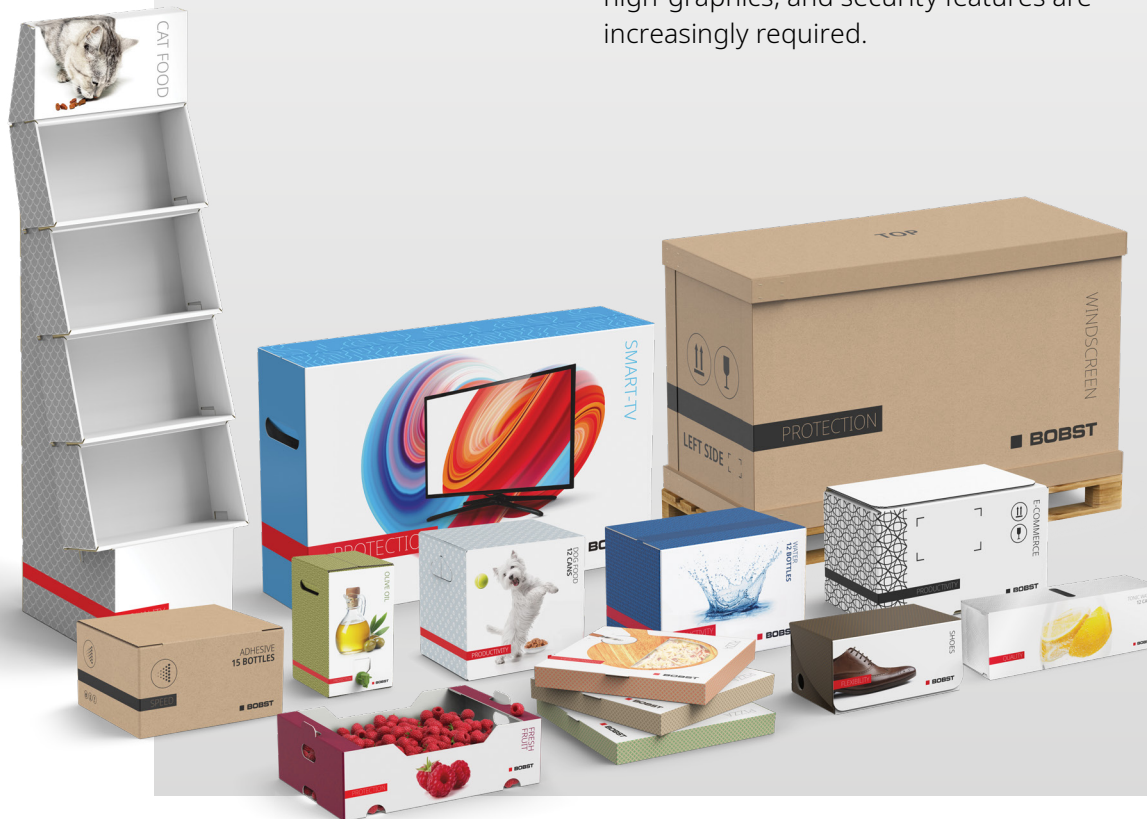
Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

## E-commerce

The demand is growing and is here to stay. Boxes need to come in almost any size and shape, requiring flexibility and productivity across the supply chain.

## Sustainability

Packaging production needs to reduce its environmental carbon footprint, less waste across the entire supply chain. New and thinner substrates. Recycling and re-use are the new rules.



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# Efficient inline RSC converting solution

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Full-line solution

### Full converting solution from prefeeder to palletizer

- Maximized productivity thanks to automatic prefeeding and palletizing
- No operator intervention
- One single supplier for your full line



User-friendly operations

### Easy to set up and easy to run, up to 18,000 b/h

- Intuitive human machine interface
- Full control of machine operations
- Color touchscreen with graphic mode and no text



Robust design

### Reliable production

- The robust design of the Slotter and the Folder-gluer ensures repeatable and qualitative folding operation

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# Cost-effective solution for quality boxes



Guaranteed box strength

## No crush lead-edge feeder

- Maintain board thickness (no pull rolls)
- Accurate feeding from E-flute to double wall



Flexibility for qualitative production

## Top or Bottom die-cutter to fit your needs

- Top die-cutter to optimize die waste ejection
- Bottom die-cutter for production of transverse scorings inside the box
- Anvil grinding system



Accurate and consistent folding quality

## Slotter

- 3 steps of scoring reduce tearing in the inner liner and ensure smooth creasing

## Folder-Gluer

- Consistent Gap by means of folding gauging roller shape according to folding angle
- Minimized Fishtailing by means of lower folding belts with independent motorization

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# Optimized productivity



Quick order changeover

## Flexo

- Rapidset system: printing plate changeover in idle time
- Automatic printing plate tensioning

## Slotter

- Automated glue lap extension with a wide adjustment range: setting without operator intervention



Quick change of die-cutting tools

## Top die-cutter with Posilock®

- Quick positioning & locking system
- Short die-cut tool change in less than 2 minutes



Smooth bundle production

## Top Counter Ejector

- Optimized Uptime by top stacking without friction and minimized jams
- Damping system on the front stop
- 3 blowers in running direction covering any bundle length
- Perfect counting at rated speed

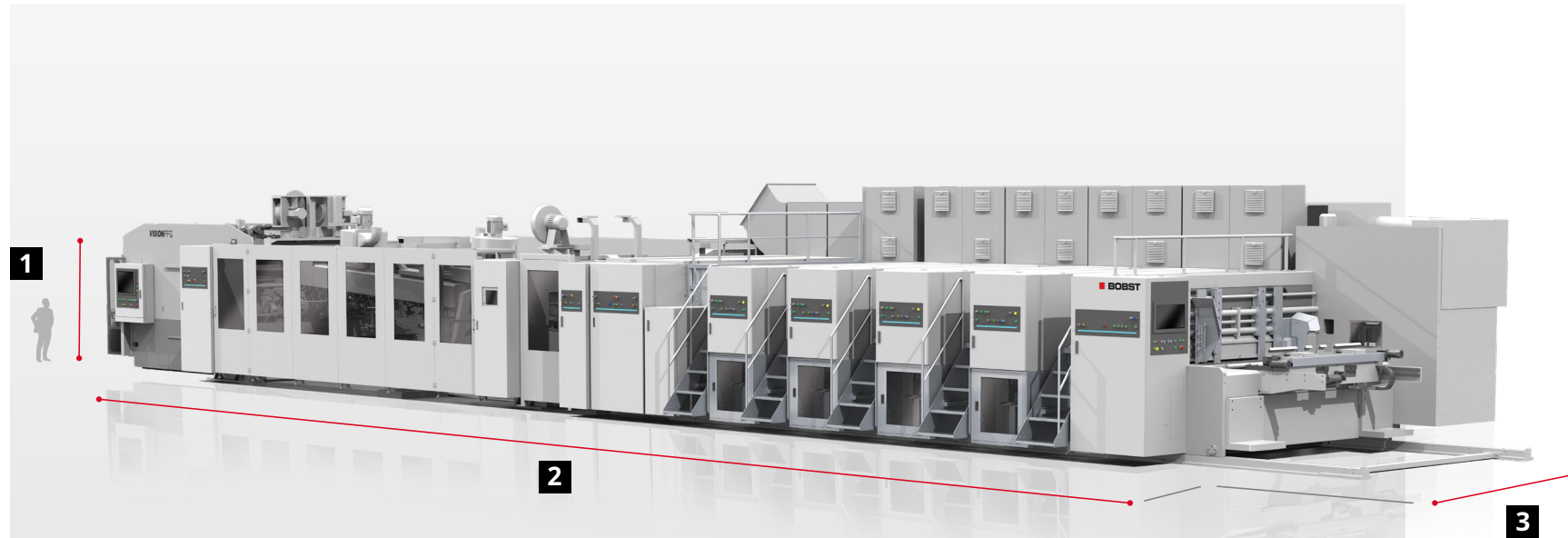
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## Specifications – Measurements and configurations



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### VISIONFFG

4 colors

#### **1** Height

VISIONFFG 1024	2.9 m	9.5 ft*
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#### **2** Length

VISIONFFG 1024	24.6 m	80.7 ft*
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#### **3** Width

VISIONFFG 1024	6.3 m	20.7 ft
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\* Values may vary according to the configuration.

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## Materials processed

Corrugated board.  
Single wall and double wall, thickness from 1.2 to 9 mm (0.048 to 0.354 inches).

### Sheets sizes\*

### 1024

		Min./mm	Min./inch	Max./mm	Max./inch
L	Sheet length	600	23.7	2 545	100.1
H	Total length of panels	770	30.3	2 450	96.4
I	Sheet width	280	11.1	890	35.0
I	Skip-Feed	-	-	1200	47.2
A=C	Small panel	135	5.3	950	37.4
B=D	Large panel	160	6.3	950	37.4
B+C	Half-box	385	15.2	1225	48.2
E	Slotting length	0	0	213*	8.4*
F	Box height	85	3.4	620*	24.4*
Lp	Glue lap length	85	3.4	730	28.7
P	Glue lap width	0	0	45	1.7
L	Unfolded sheet	600	23.7	1 550	61.0

### Machine specifications

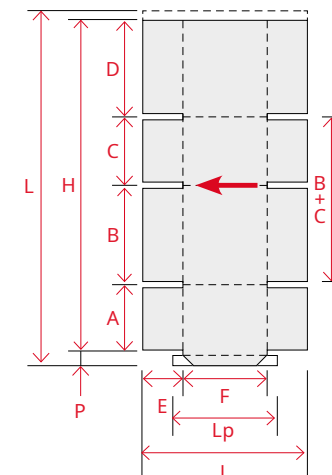
### VISIONFFG 1024

Maximum speed (b/h)	18 000
# Colors	3 to 4
Maximum printing surface	890 x 2380 mm 35.0 x 93.7 in
Nominal circumference of print cylinder	1068 mm 42 in
Power supply capacity - 4 colors	390 kVA

\*Dimensions may vary slightly according to configuration and are understood with glue lap inside the box

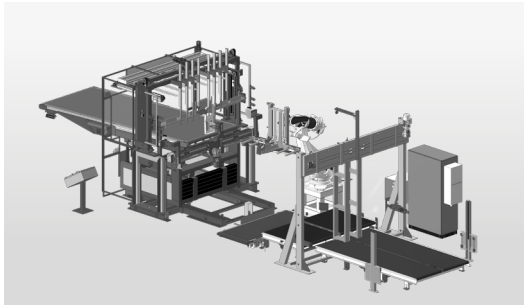
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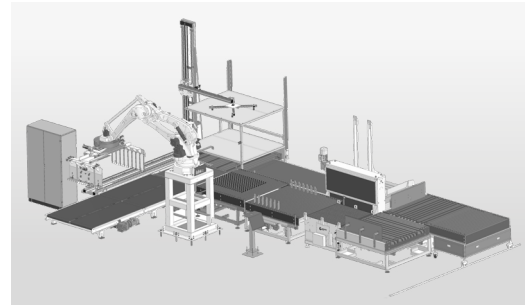
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### **ROBOLOADER** **Non-stop production**

With ROBOLOADER, the transfer of blank piles to the feeder area is completely automated. The robot ensures regular and consistent feeding at top machine speeds, enabling optimal production line productivity.

The different ROBOLOADERS have been conceived to adapt to different loading needs. This gives converters the flexibility to find the feeding robot which is ideal for their particular machine and workflow, to achieve maximum speeds on their production line.



### **ROBOPALLETIZER** **PERFECT PALLETIZING**

ROBOPALLETIZER allows to stack blank piles or box batches in various patterns, completely automating the palletizing process at the end of the converting line.

These highly versatile robots offer tailor-made solutions according to customer needs, thanks to several gripper types and the possibility to combine various robotic solutions. Different layering options make sure that blank piles, as well as banded and not banded box batches, are palletized to match speed requirements, while preserving product quality and ensuring safe transport.



### **FFG PALLETIZER - Flexible and Fast**

FFG palletizer ensures that your whole production process maintains quality and speed. The fully automated palletizer handles any FFG boxes and provides high speeds, quality and flexibility.

#### **VISIONFFG**

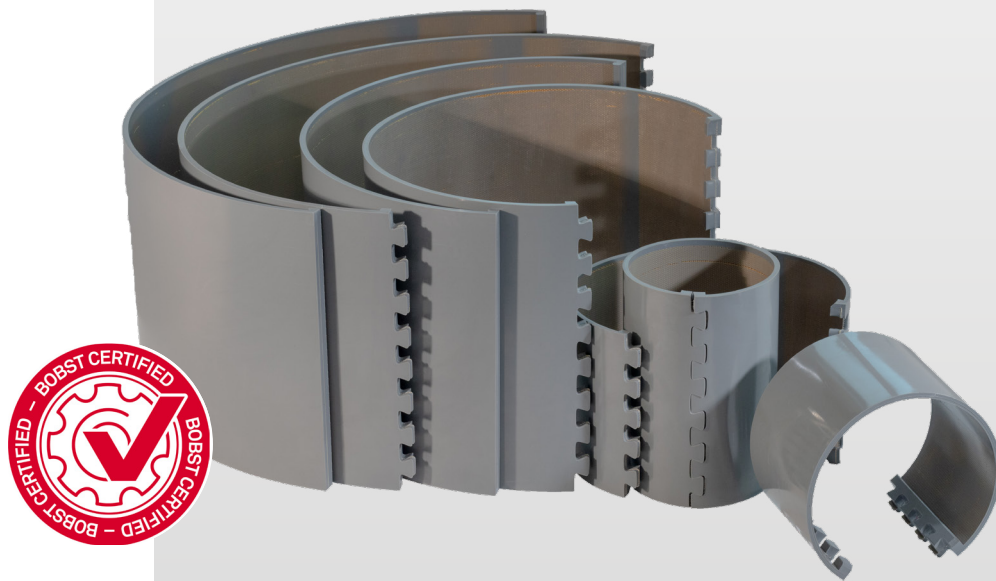
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# Maintaining excellence

Expert services for all your equipment.  
Improve your processes, boost your productivity and enhance your expertise with a complete range of services from BOBST.



## Maintenance Plus

- Scheduled maintenance with BOBST certified technicians
- Preventative intervention, maximizing machine uptime
- Optimum performance over the equipment lifetime

## Approved parts and logistics

- BOBST Original and Certified parts, and consumables
- Quality assurance, and extended maintenance intervals
- Worldwide distribution, and full availability where and when you need it

## Machine upgrades

- Additional features, configured for your machine
- Enhanced functionality, connectivity and capability
- Future-proofing your investment, maintaining competitive advantage

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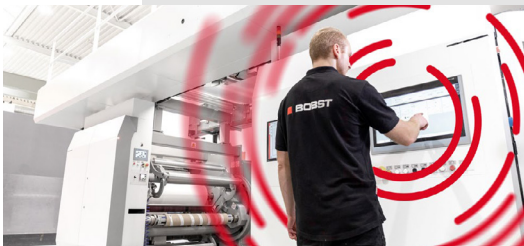
# Digital-age manufacturing happening with BOBST Connect

**BOBST Connect** is an end-to-end, one-stop digital platform that enhances and improves your packaging productivity. It's designed to help you make the most of the data your machine generates, improving value and efficiency across your value chain.

As well as exceptional data insights, **BOBST Connect** helps to orchestrate and enhance your whole production process, from your PDF to the finished product and quality report. It brings data and digital services together in one fully connected platform, with machine insights and expertise built in.

**BOBST Connect** gives you access to the BOBST ecosystem of digital services, whether you're a printer or a converter. It offers you a host of features and functionality to help you optimize your packaging production.

**BOBST Connect Essential** is the first subscription level that incorporates the critical components of the transformation in packaging production, automation, and the fully connected workflow.



## Benefits



### Access to data

- An easy, smooth introduction to the data-driven world
- See relevant data remotely from anywhere
- Access data in real time, with history readily available
- Production performance documented by machine solution



### Improved performance

- Provides relevant data to optimize and improve your production performance
- Production data allows you to improve machine handling and shift output



### Remote support

- Priority access to technical specialists
- Video with Augmented Reality support using Teamviewer allows fast, remote resolution of electrical and mechanical problems, and reduced downtime
- 24/7 support available

## Features

**The BOBST Connect Essential solutions package includes a wide range of features such as:**

- **Performance analysis** – identify and eliminate performance gaps
- **Accurate OEE** – meaningful insights on downtime, target speed and quality losses
- **Direct connection** – remote connection direct to your machine
- **Progress indicator** – shows job completion time, and empowers interventions
- **Reporting** – trend analysis over time
- **Shift management** – optimize resource planning and efficiency
- **User-centric** – an interface that is intuitive, clear and easy to use

## Specifications

- Cloud-based platform, developed by BOBST, based on Microsoft Azure
- Integrates with your MES (Manufacturing Execution System), MIS (Management Information System) and ERP (Enterprise Resource Planning), as well as third party cloud-based applications
- Hosted in a fully secure, ISO 27001 certified environment

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