

High graphics in one pass



FLEXO FOLDER GLUER

FFG 924 NT - HG

At a glance

Powering performance

The printing capabilities of the **FFG 924 NT** allow all the graphic wow-factor that your clients are looking for to boost their sales, but with the added versatility within your production constraints that come from its being part of a mobile production line. The inline configuration of **FFG 924 NT** means that market-leading precision printing is an integral part of the production process so that the best graphic quality comes at no cost to the machine's overall box-making productivity.




Highly versatile

High performance
for added-value boxes

Inline quality control

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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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Good 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 where customization, high-graphics and security features are required.

Out of the box experience

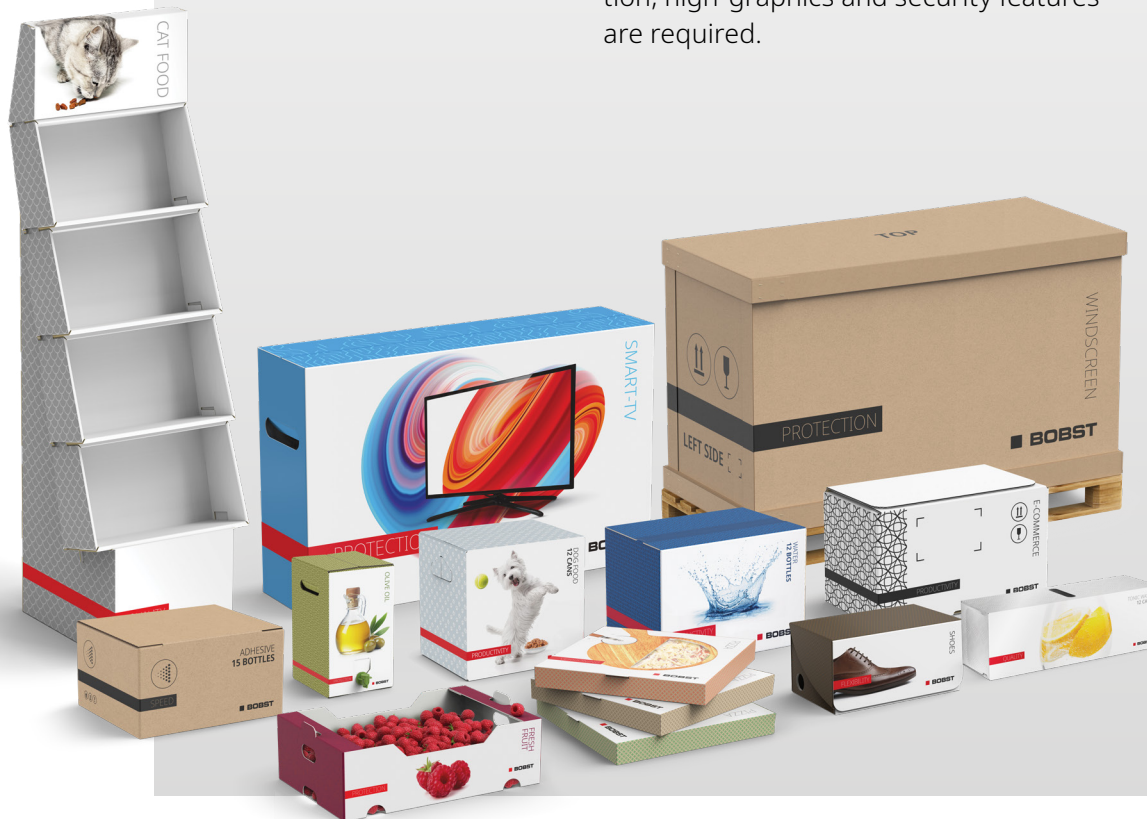
Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

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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Accurate feeding

Feed-Belt Feeder

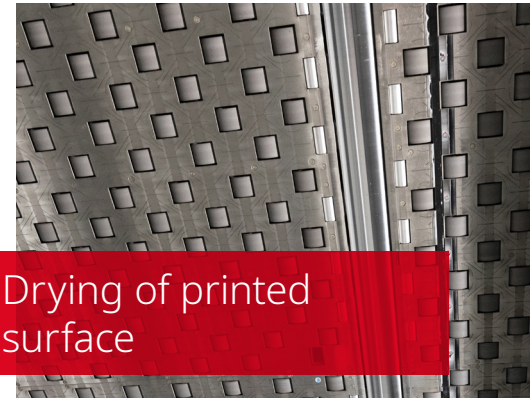
- From micro-flute to double wall board at high speed
- Accurate lead-edge to print
- Reinforced sheet cleaning by rotary brush and ionizing bar
- Easy and cheap maintenance



High quality printing

Mobile Bottom Flexo

- Automatic printing plate tensioning Matthews+Fix, manual skewing
- Printing length correction
- Variable print plate thickness
- Carbon fiber doctor blade chambers
- Ready for integration of dryers, ink management and printing plate washing devices
- Maintenance free vacuum transfer



Drying of printed surface

Transfer unit

- Ensures optimal printing quality
- Mandatory for quality control systems and for final dryers

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Highly automated slotter

Slotter - 4 pairs of shafts

- Prescoring, rear slot, scoring, front slot
- Low maintenance costs

Automated lap cutting with independant drive

- Automated glue lap extension - Bobst patent
- Waste free lap cutting
- Set-up through MPC4



High Die-cutting capability

Top Rotary Die-cutter

- Oversized anvil to run accurate full die-cut jobs
- Posilock® system
- QLA - Quick Lock Anvil system
- Automatized grinding system
- Variable anvil speed
- Safe tool change at floor level

Stripper

- Efficient die-cut waste ejection
- Fully motorized settings



Accurate and consistant folding

PCD Folder-Gluer

- Motorised gauge rollers for a consistent gap
- Progressive folding at high speed with Multi-T belts
- Board transfer by vacuum belts
- Multifold: doubles or triples the output

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Accurate and safe top stacking

Top counter-ejector

- Top stacking without friction
- 100% counting accuracy
- Delivery of unfolded die-cut boxes
- Automatized bundle ejection



Easy drive & full control

MPC3: Man-machine interface

- Full control of your machine
- Simple and intuitive set-up
- Color touch screen

Automatic print register control

- Registron S5500

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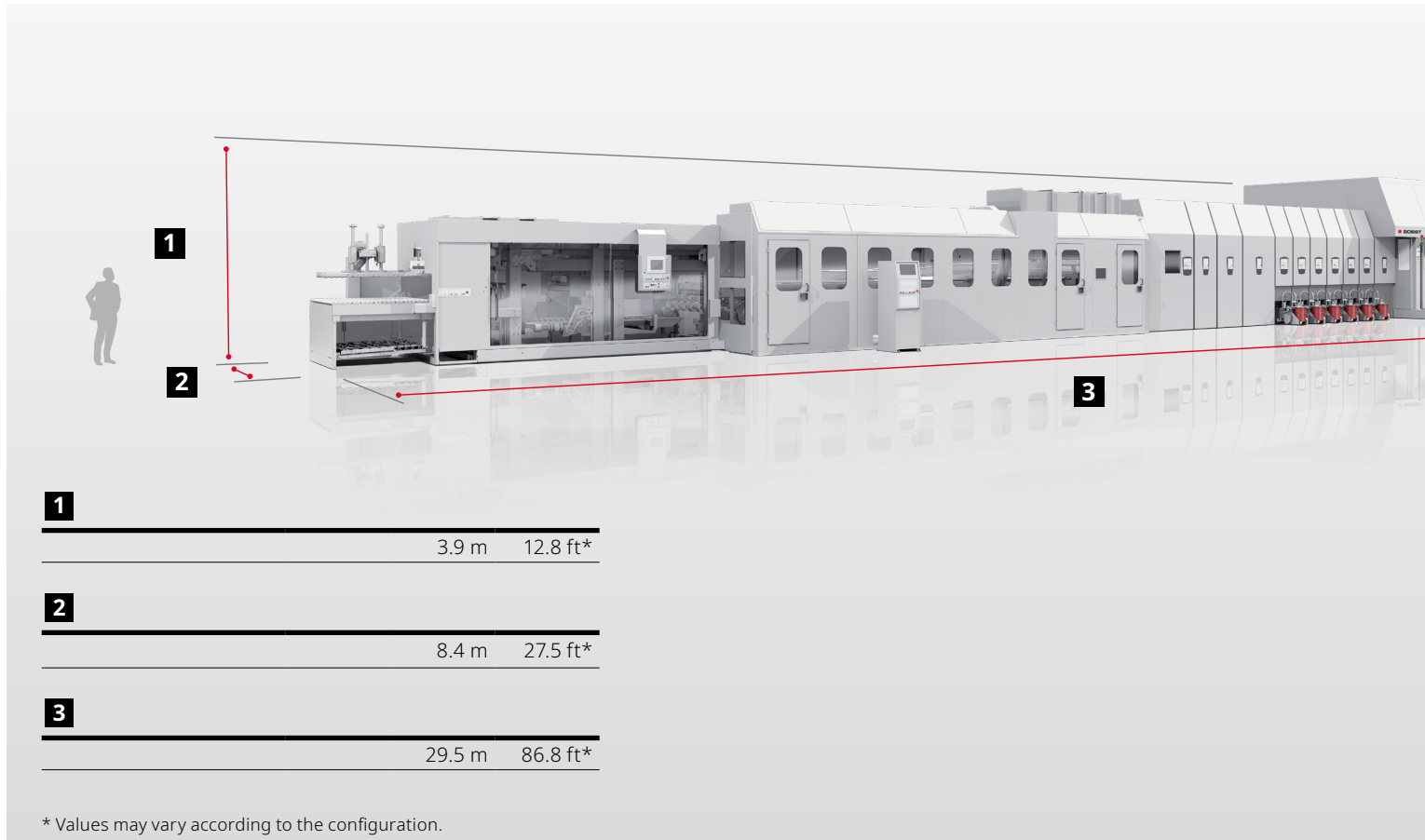
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Specifications - Measurements and configurations

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Materials processed

Corrugated board, thickness from 1.2 to 10 mm (0.047 to 0.393 in).
Single wall and double wall.

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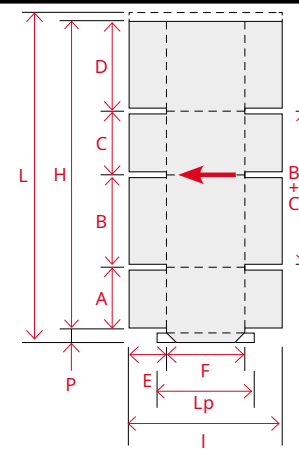
Sheets sizes*

	Min./mm	Max./mm	Min./inch	Max./inch
L Sheet length	600	2,490	23.7	98.0
H Total length of panels	700	2,400	27.6	94.5
I Sheet width	255	920**	10.1	36.2
A=C Small panel	100	1,080	4.0	42.5
B=D Large panel	120***	1,080	4.8	42.5
B+C Half-box	350	1,200	13.8	47.2
E Slotting length	0	350	0	13.8*
F Box height	100	800	4.0	31.5*
P Glue lap width	0	45	0	1.7
Lp Glue lap length	100	800	4.0	31.5
L Unfolded sheet	600	1,600	23.7	63.0

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

** Maximum dimension in running direction with skip-feed: 1.200 mm (47.2")

*** Mini 100mm (4.0") possible with slots to be done on die-cutter



Machine specifications

Production speed	20,000 s/h
Nominal circumference of print cylinder	1.000 mm 39.3 in
Maximum printing surface	860 x 2.400 mm 33.9 x 94.5 in
Board infeed height	1.200 mm 47.25 in
Power supply capacity - 6 colors	330 kVA*
Air consumption - 6 colors	232 Nm ³ /h*

* Value may vary according to configuration

High flexibility: a wide range of boxes delivered

3 processes in a single pass: printing, die-cutting and folding.
From the smallest boxes to the largest.
RSC boxes, complex die-cut boxes and unfolded printed sheets.

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MULTILOADER

Reliable and easy to use

This fully automatic prefeeder ensures optimum production line capacity. Sheets are fed accurately and evenly. It feeds nearly all FFG machines and runs all types of flutes.



PREMIUM GAP CONTROL

BOBST's Premium Gap Control ensures reliable and precise control of 100% of finished boxes at rated production speed. Easy to operate, optimum productivity and total folding quality: the competitive circle squared.



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.

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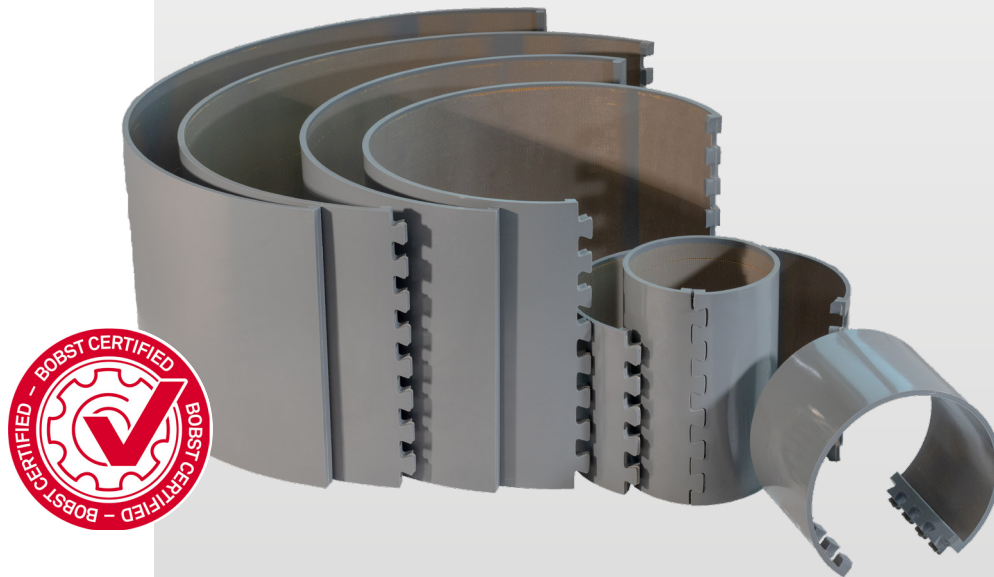
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Maintaining excellence

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

[> WATCH VIDEO](#)

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

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Machine upgrades

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

[> LEARN MORE](#)

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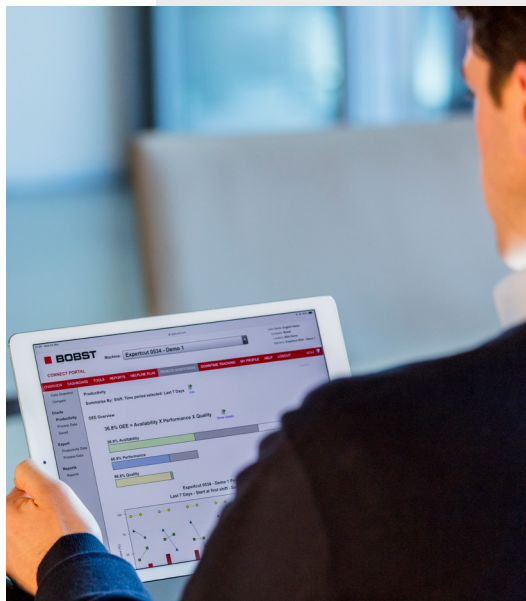
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Switch on digital transformation

BOBST Connected Services ensures your business is ready for the changing world of digital manufacturing. Our range of apps and technical support brings full connectivity to your equipment and processes – providing you with a wealth of real-time data, analytical tools and expertise – helping you work smarter and more productively.



Helpline Plus & Premium*

- Remote access intervention, with BOBST technicians
- Expert support, eight hours a day, five days a week
- Maintain production, reduce callouts by 80%

Helpline Plus & Premium* AR

- Enhanced remote assistance with Augmented Reality
- Visual instructions right in front of you
- Available for internal use

*24/7 support in selected areas.

Connect Portal

- User friendly web portal containing equipment data, reports and analysis
- Access insights on the go with Mobile Portal from your smartphone

Remote Monitoring

- Real-time production KPIs
- Alerts and notifications
- Enabling control and decision making

Downtime Tracking

- Track downtime and understand the root causes
- Enabling continuous improvement in productivity MES / ERP interface
- Web-based API for simple equipment data interface
- Data link and ERP Interface protocols for on-site direct integration

[> WATCH VIDEO](#)

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