

# High graphics and versatility in one pass



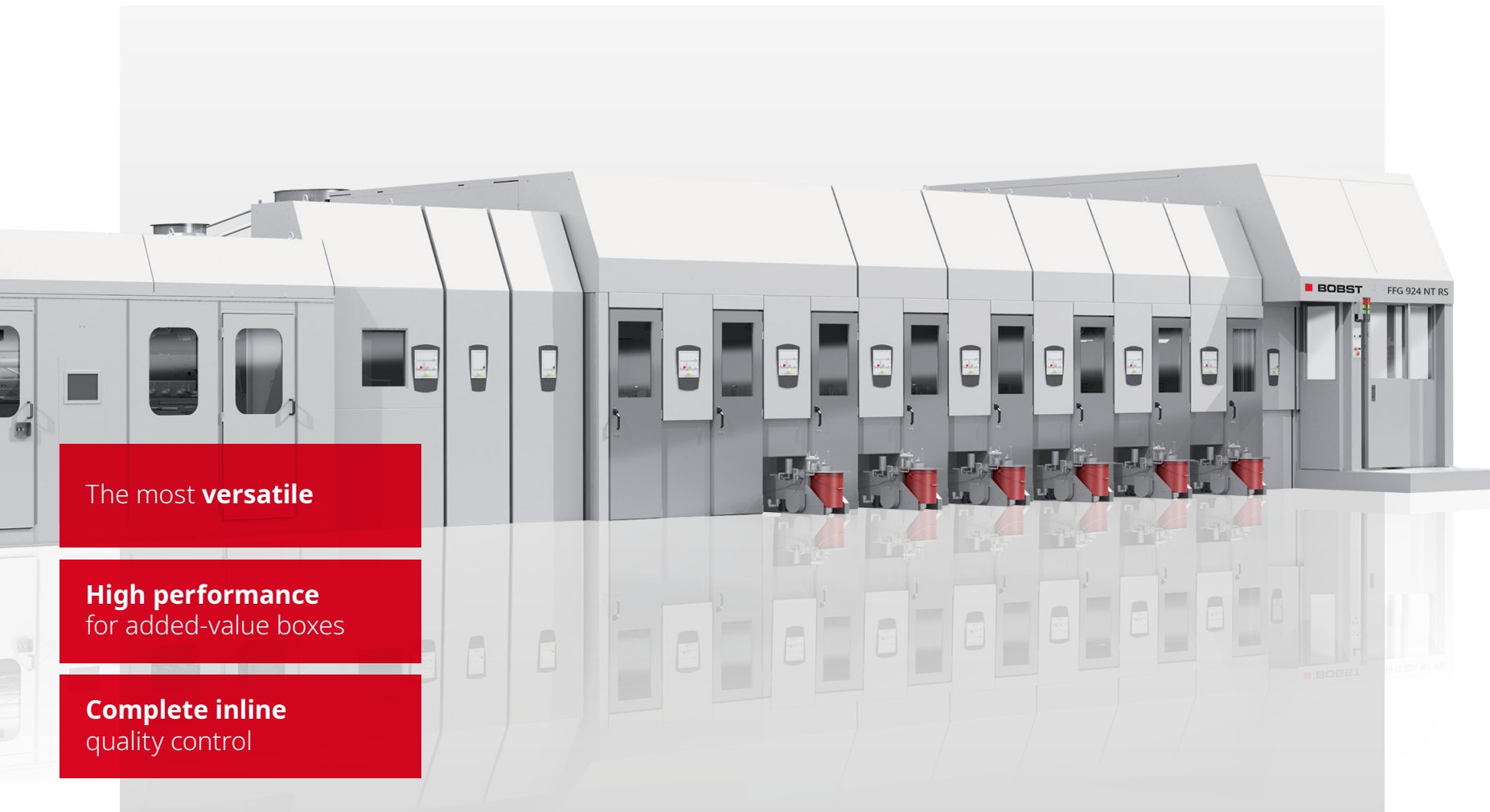
**FLEXO FOLDER GLUER**

**FFG 924 NT RS - HG**

At a glance

# Powering performance

Great productivity ensures your profitability; great graphics ensure your clients'. Clients need two things from you: packaging at the right price and packaging that will boost their sales. **FFG 924 NT RS** provides both in one pass. Super sharp, high-color printing makes packaging a more effective sales tool. The inline configuration of **FFG 924 NT RS** 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.




The most **versatile**

**High performance**  
for added-value boxes

**Complete inline**  
quality control


**BOBST**

## FFG 924 NT RS - HG

- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6 
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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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

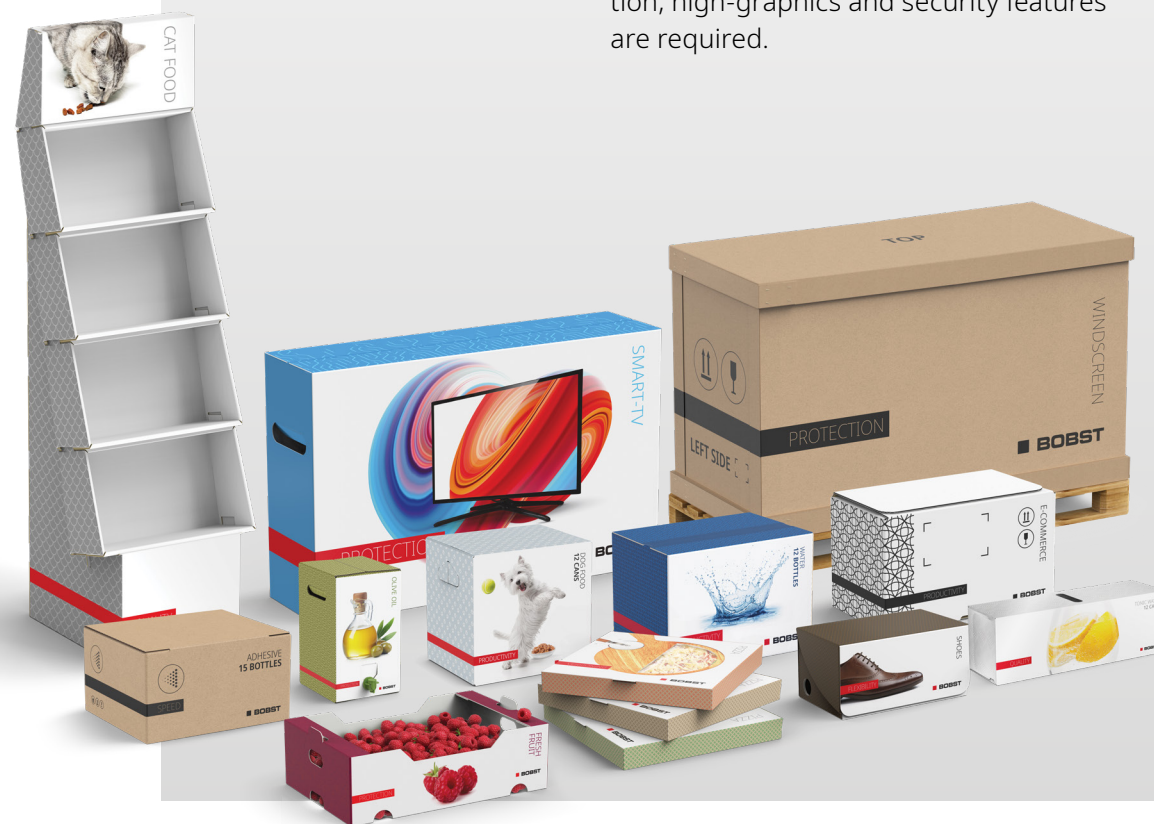
Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

## 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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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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Accurate feeding

### Feed-Belt Feeder

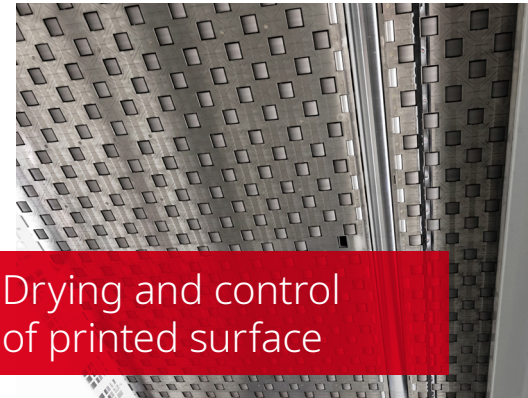
- From micro-flute to double wall board at high speed
- Accurate lead-edge to print
- Reinforced sheet cleaning by rotary brush and ionizing bar
- Easy and cheap maintenance



Ultra-high printing quality

### Fixed-Bottom Flexo

- Order change during the run : RapidSet system
- Automatic printing plate tensioning Matthews+Fix, manual skewing
- Printing length correction
- Carbon fiber doctor blade chambers
- Ready for integration of dryers, ink management and printing plate washing devices
- Maintenance free vacuum transfer



Drying and control of printed surface

### Transfer unit

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

### Automatic trolley

- Quick and safe Anilox roll change
- Optimised number of Anilox rolls

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- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services



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
- 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
- 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

- Pivoting arms allow quick and easy access to die-cutter
- 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

### FFG 924 NT RS - HG

- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services



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 and inline  
quality control

### MPC3: Man-machine interface

- Full control of your machine
- Simple and intuitive set-up

### Zero defects


- Accurate control of each sheet
- Dynamic Register Control
- Registron IQ300: full surface printing control of each sheet

### Automatic print register control

- Registron S5500

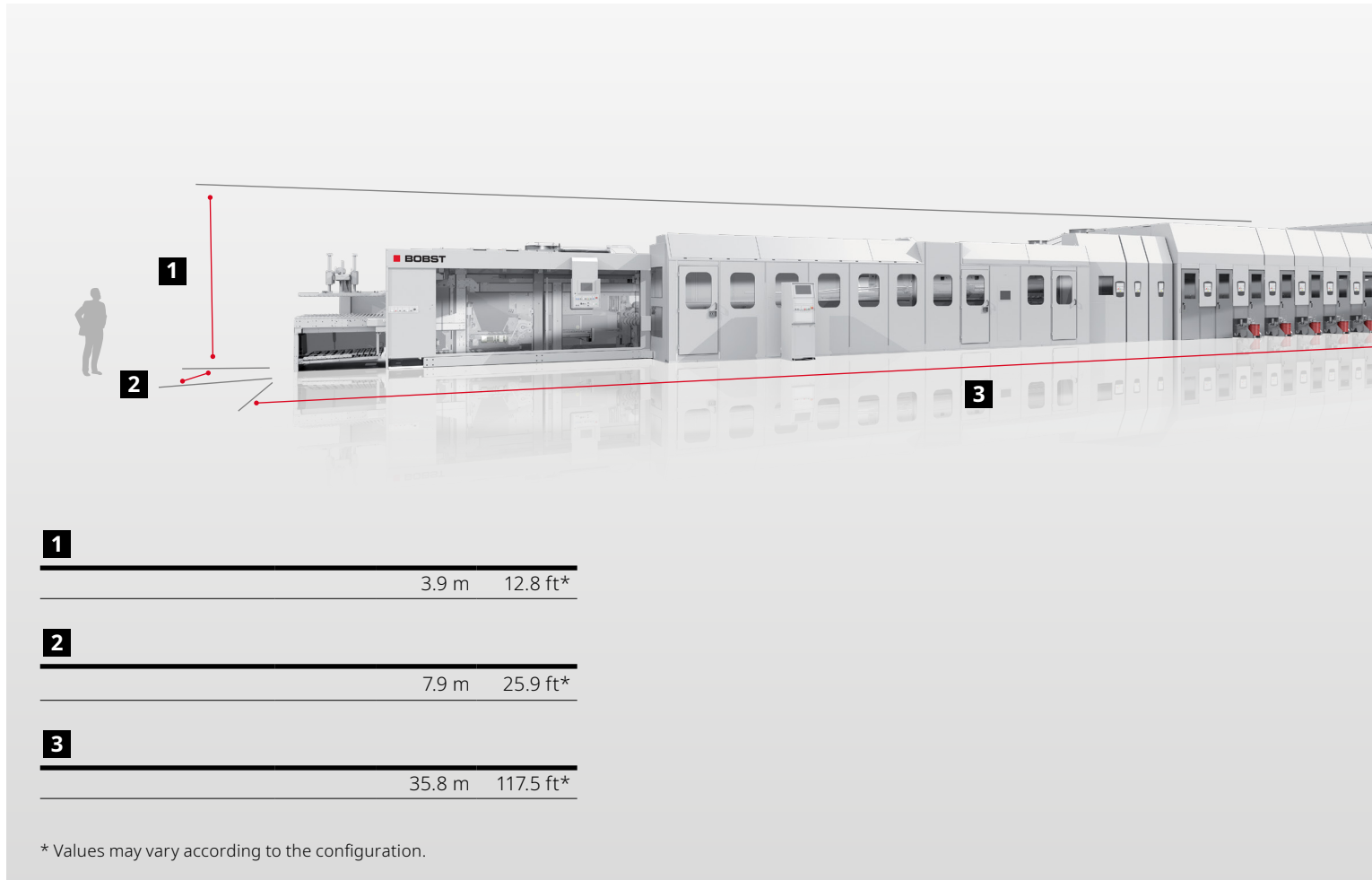
### FFG 924 NT RS - HG

- > At a glance
- > Packaging market
- > Benefits and features
  - > 1 - 3
  - > 4 - 6
  - > 7 - 9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services



## Materials processed

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

## FFG 924 NT RS - HG

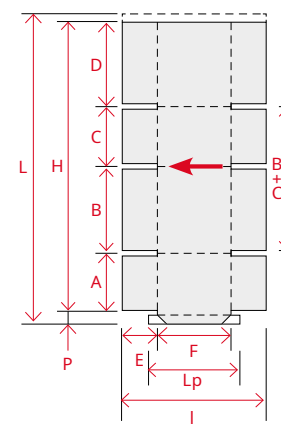
### Sheets sizes\*

	Min./mm	Max./mm	Min./inch	Max./inch
<b>L Sheet length</b>	600	2,490	23.7	98.0
<b>H Total length of panels</b>	700	2,400	27.6	94.5
<b>I Sheet width</b>	255	920**	10.1	36.2
<b>A=C Small panel</b>	100	1,080	4.0	42.5
<b>B=D Large panel</b>	120***	1,080	4.8	42.5
<b>B+C Half-box</b>	350	1,200	13.8	47.2
<b>E Slotting length</b>	0	350	0	13.8
<b>F Box height</b>	100	800	4.0	31.5
<b>P Glue lap width</b>	0	45	0	1.7
<b>Lp Glue lap length</b>	100	800	4.0	31.5
<b>L Unfolded sheet</b>	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	385 kVA**
Air consumption - 6 colors	232 Nm <sup>3</sup> /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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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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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 type 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.

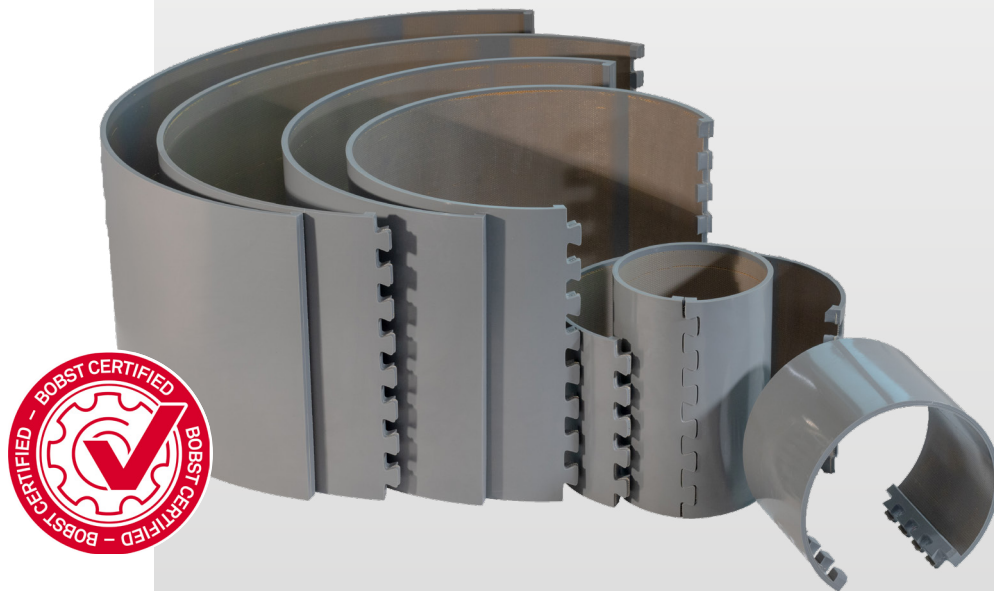
### FFG 924 NT RS - HG

- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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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

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## 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

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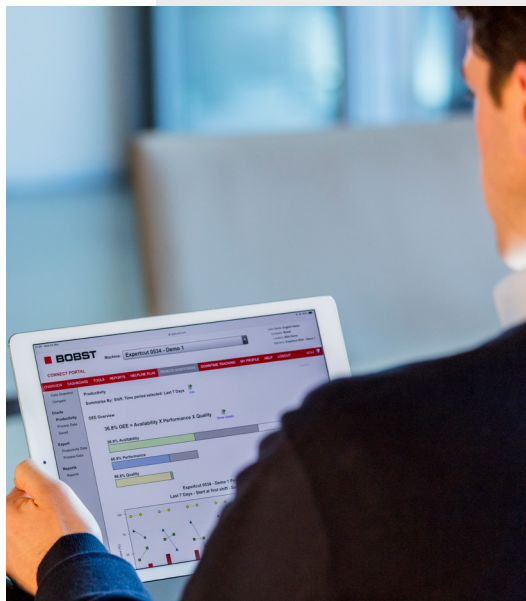
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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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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

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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1–3
  - > 4–6
  - > 7–9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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- > At a glance
- > Packaging market
- > Benefits and features
  - > 1-3
  - > 4-6
  - > 7-9
- > Specifications
  - > Measurements
  - > Configurations
  - > Technical information
- > Related Products
- > Services
  - > General services
  - > Connected services

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