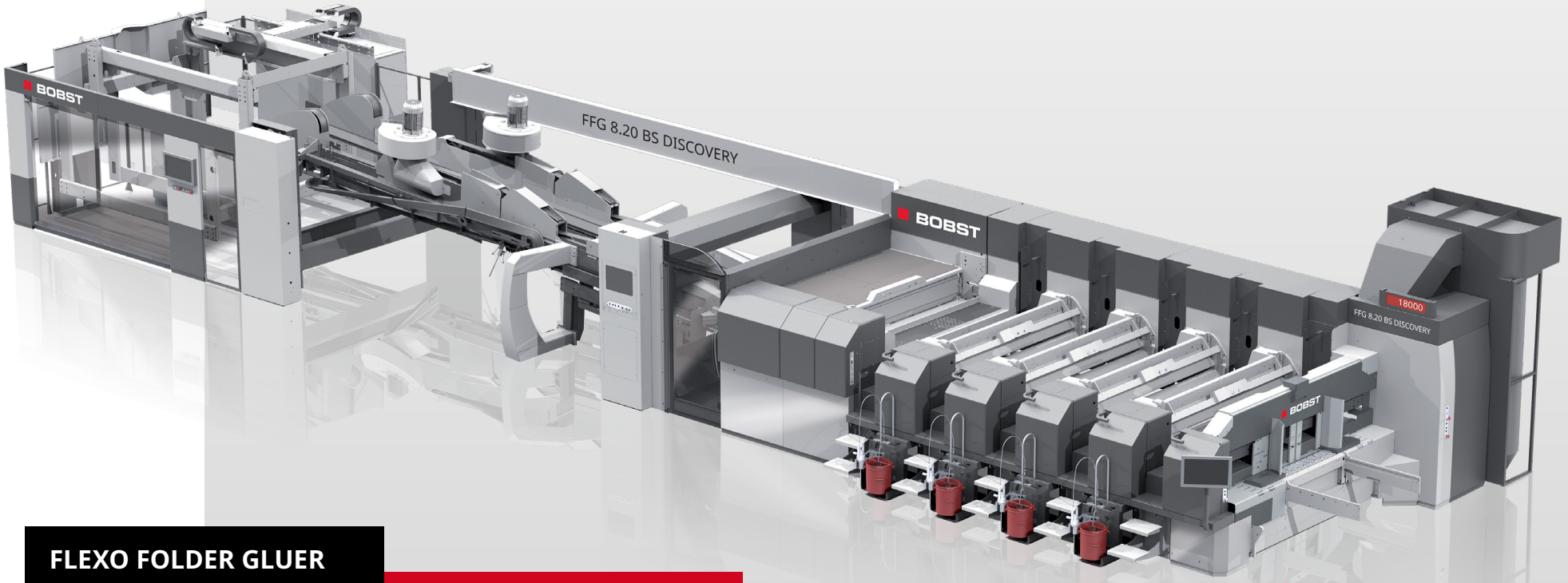
High productivity
for complex boxes



FLEXO FOLDER GLUER

FFG 8.20 BS DISCOVERY

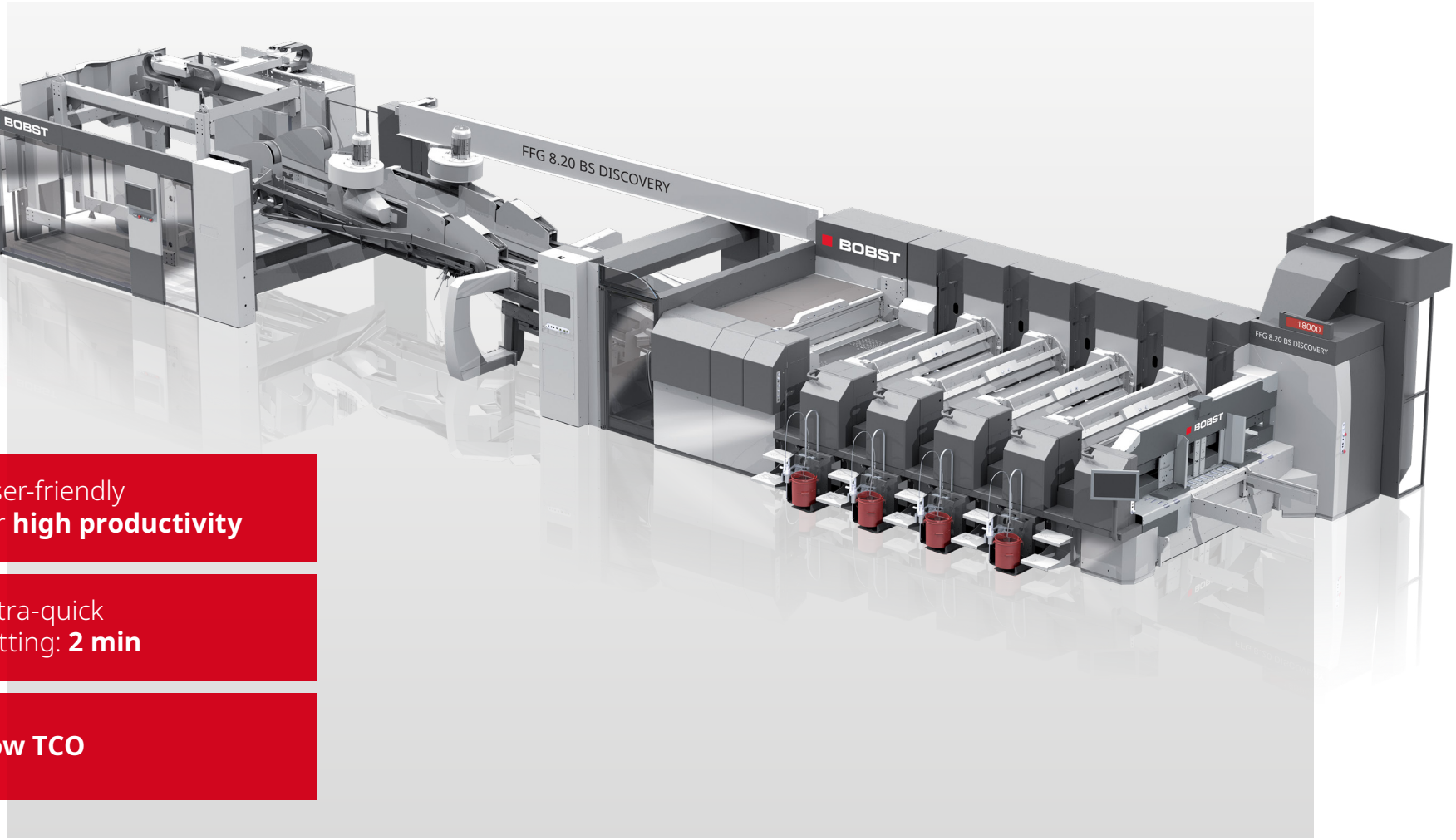
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Powering performance

PRODUCING PACKAGING IN ALL SIMPLICITY

FFG 8.20 BS DISCOVERY guarantees the making of shelf ready packaging even for semi-coated paper with varnish. This innovative solution allows a satisfactory production speed with 18,000 boxes/hour, ensures a consistent quality of boxes and permit to reduce cost of ownership without compromises on user friendliness.



User-friendly
for **high productivity**

Ultra-quick
setting: **2 min**

Low TCO

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Creating **value**

BOBST innovations
are driven by customer and brand owner needs.

> READ MORE

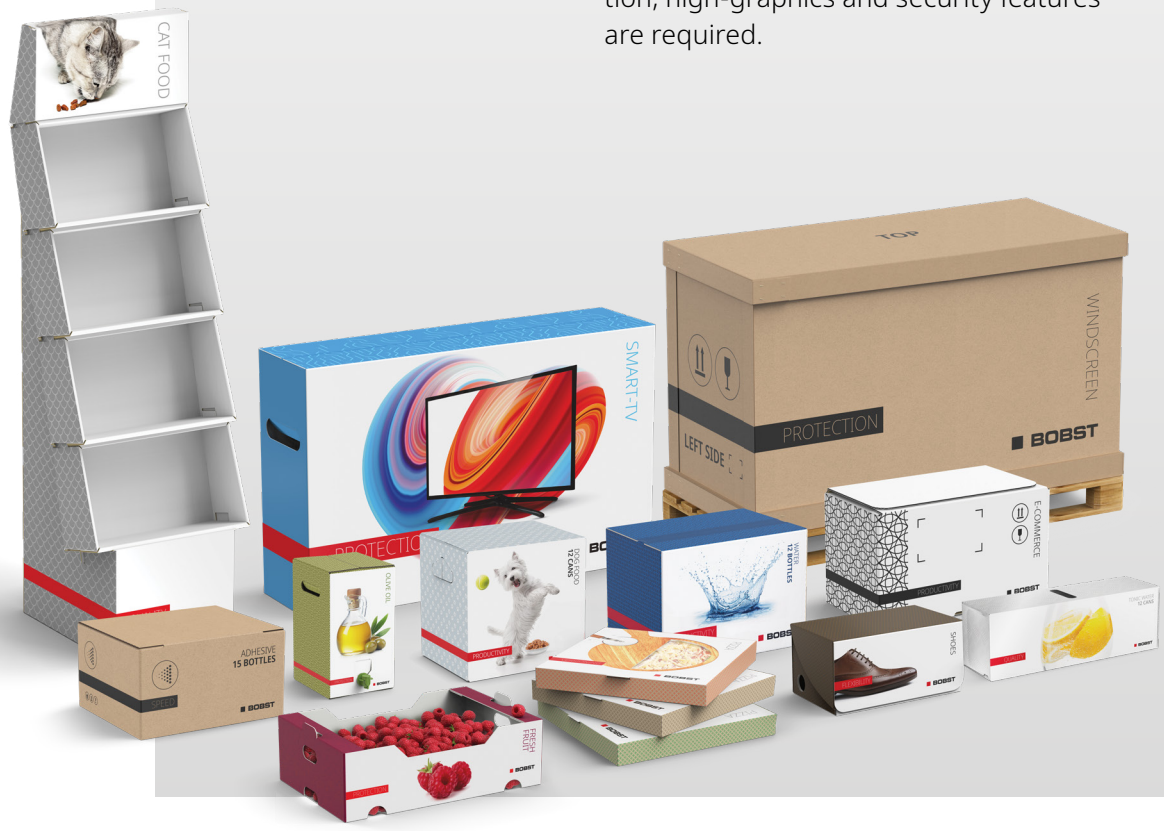
Good protection and safety
Protecting the goods is the main requirement for corrugated boxes meaning high quality, clever designs, robustness and zero-fault.

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

DFB Feeder - Direct Feed Belt

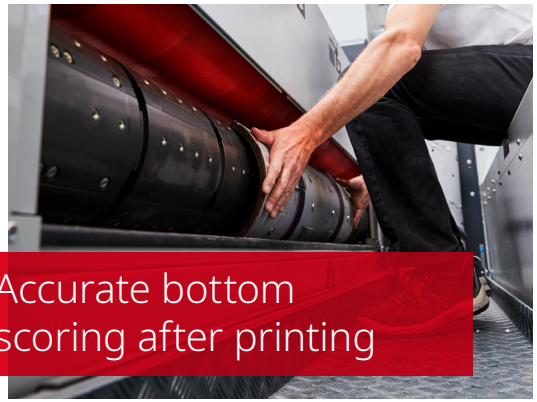
- Feed belt feeder
- Ideal for light weight board



Quick mounting of the printing dies

Fixed top Flexo

- Order change during the run - Rapidset system
- Automatic printing plate tensioning
- Carbon fiber doctor blade chambers
- Ready for integration of dryers on each flexo unit



Accurate bottom scoring after printing

Bottom Scoring Unit

- For inside scoring
- Perfect box geometry
- Cutting and perforating are independant
- Easy access to die forms
- Variable anvil speed

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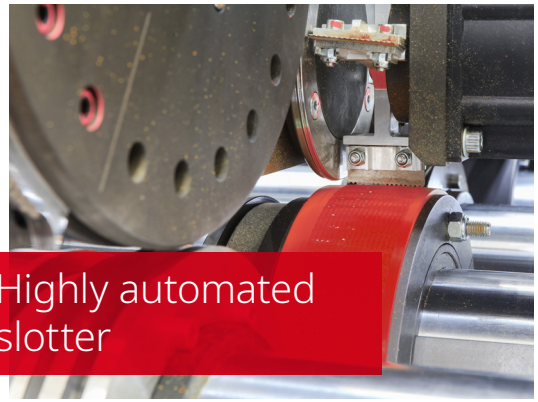
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Quick mounting of the die-cutting tools

Top Rotary Die-cutter

- Posilock® system
- Variable anvil speed
- Automatic anvil grinding



Highly automated slotter

Slotter - 4 pairs of shafts

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

Automated lap cutting with independent drive

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



Accurate folding

Folder-gluer & Top Counter

- Consistent gap by means of motorized gauge rollers
- Progressive folding at high speed with Multi-T belts
- Lower conveying belts with independent motorization on right and left side
- Fluid Folding ®

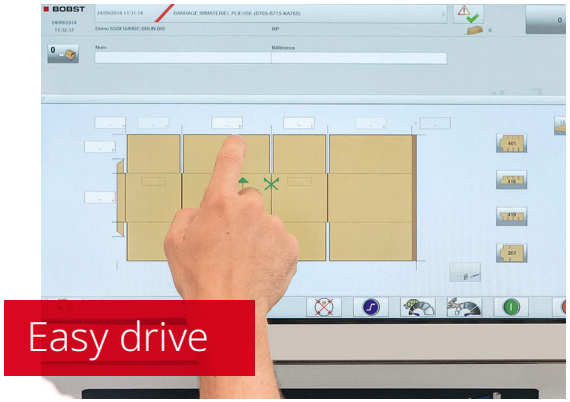
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Perfect counting at rated speed

– Synchronized resquaring of boxes



MPC4 : unique man-machine interface

– Full control of your machine, the operator sets the box on the screen
– Step-by-step process monitoring
– Simple and intuitive set-ups
– Color touch screens with graphic mode, no text
– BOBST patent



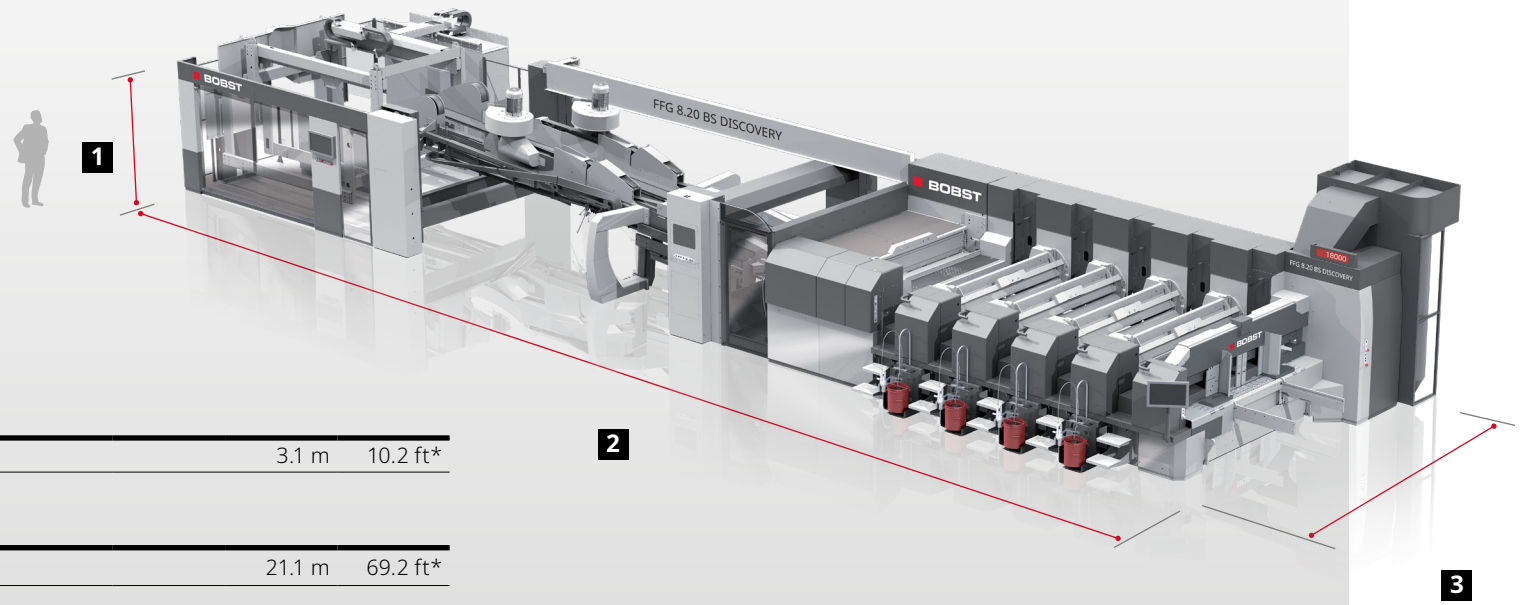
MMPC : Maintenance Management & Productivity Control

– Visualizing and monitoring the state of the machine
– Production data
– Preventive maintenance
– Maintenance guide, online documentation
– Low energy cost per manufactured box and reduced installed power

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Specifications - Measurements and configurations



1		
	3.1 m	10.2 ft*
2		
	21.1 m	69.2 ft*
3		
	6.3 m	20.7 ft*

* Values may vary according to the configuration.

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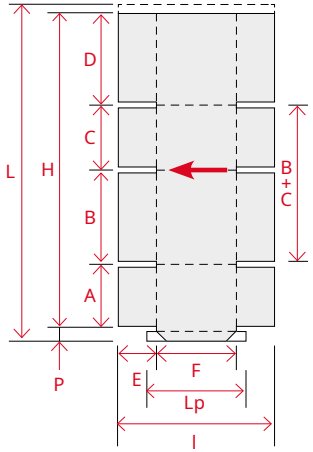
Materials processed

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Corrugated board, thickness from 1.2 to 8 mm (0.04 to 0.3 in).
Single wall and double wall.

Sheets sizes

		Min./mm	Max./mm	Min./inch	Max./inch
L	Sheet length	625	2,180	24.6	85.8
H	Total length of panels	600	2,100	23.6	82.6
I	Sheet width	250	830	9.8	32.6
I	Skip-Feed		1,050		41.3
A=C	Small panel	90	810	3.5	31.8
B=D	Large panel	110	850	4.3	33.4
B+C	Half-box	300	1,050	11.8	41.3
E	Slotting length	0	300*	0	11.8*
F	Box height	75	510*	2.9	20*
P	Glue lap width	25	45	0.9	1.7
Lp	Glue lap length	100	700	3.9	27.5
L	Unfolded sheet	625	1,200	24.6	47.2



Machine specifications

Production speed	18,000 s/h	
Maximum printing surface	760 x 2,000 mm	29.9 x 78.8 in
Nominal repeat length	900 mm	35.4 in
Power supply capacity - 4 colors	209 kVA**	
Air consumption - 4 colors	141 Nm3/h**	

* Value may vary according to the mounting length of slotting knives
** Value may vary according to configuration

High flexibility: a wide range of boxes delivered

RSC, Shelf-Ready Packaging with printing on scorings, offset scorings.
Solid printing on semi-coated paper with varnish.

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Related products



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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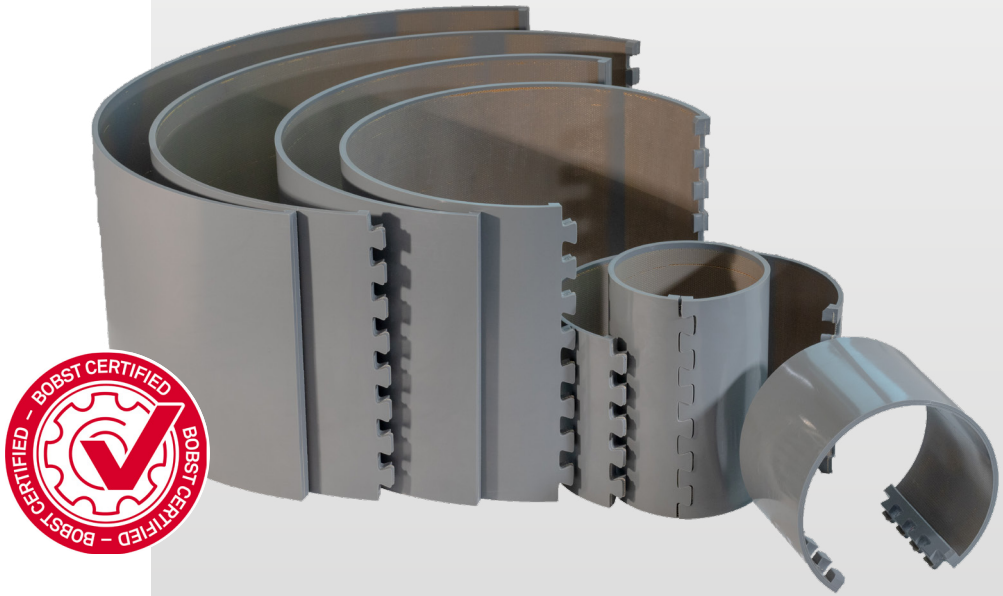
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Maintaining **excellence**

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

> LEARN MORE

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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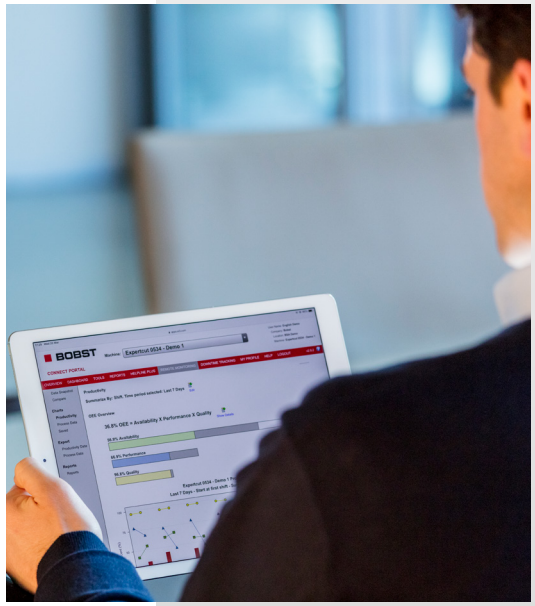
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Switch on digital transformation

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

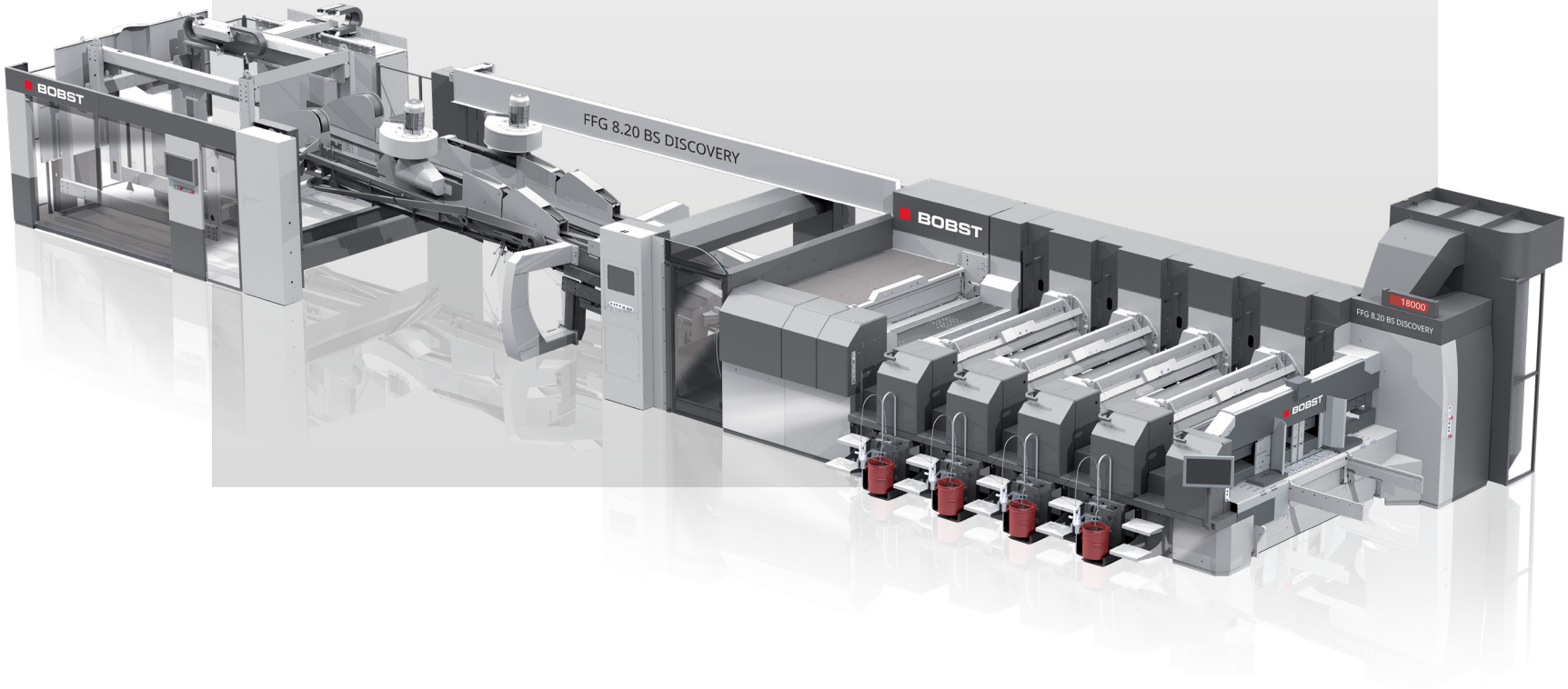
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High productivity
for complex boxes

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