

User friendly
high productivity



FLEXO FOLDER GLUER

FFG 8.20 DISCOVERY

At a glance



Powering performance

EASY DRIVE AND GOOD MASTERY

FFG 8.20 Discovery guarantees the making of high quality RSC boxes. This innovative solution allows a satisfactory production speed with 18,000 boxes/hour, ensures a consistent quality of boxes and enables a reduction of cost of ownership without compromises on user friendliness.

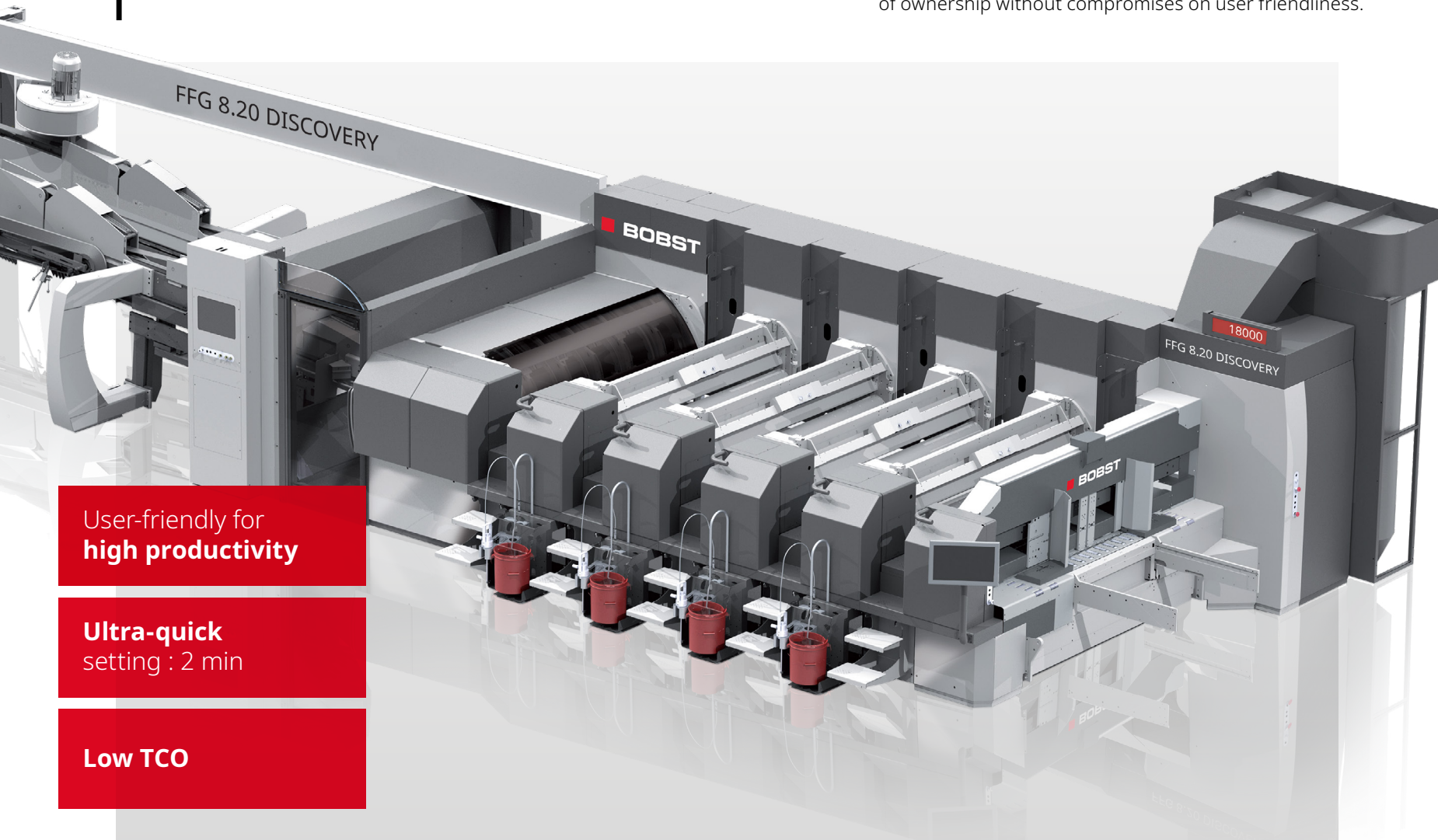
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User-friendly for
high productivity


Ultra-quick
setting : 2 min

Low TCO



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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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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

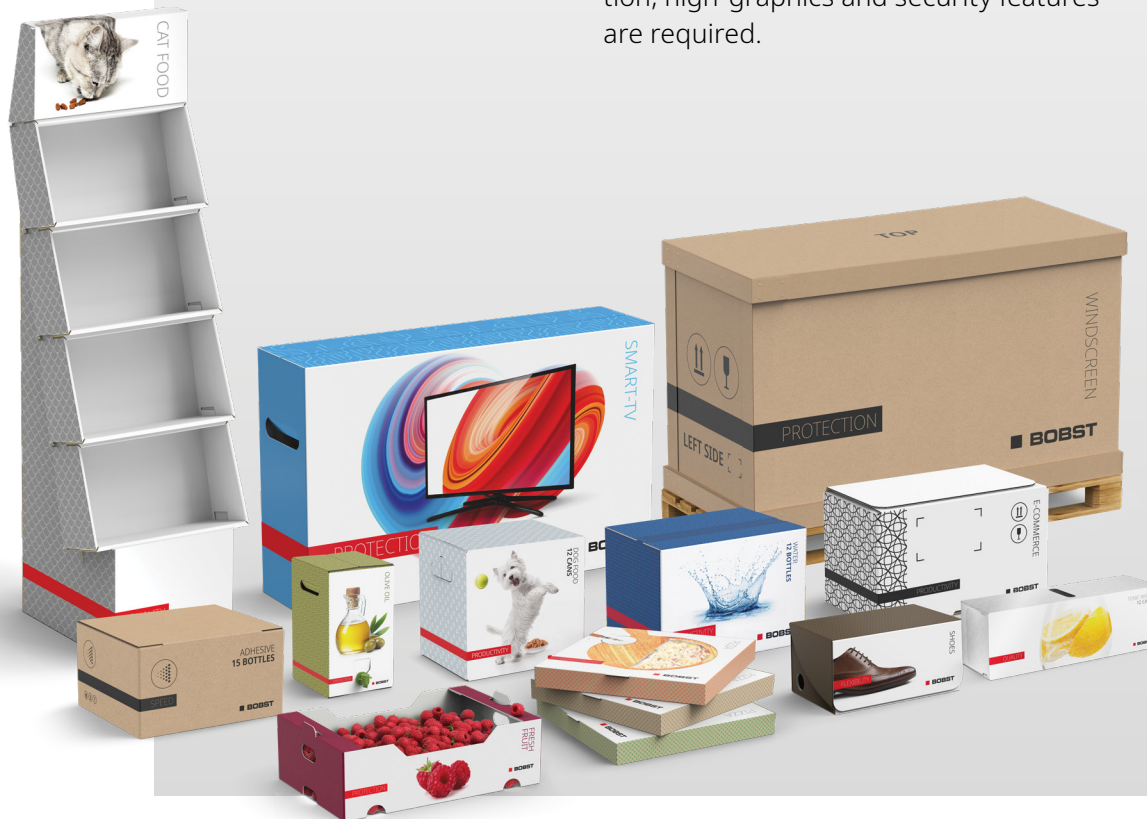
The demand is growing and is here to stay. Boxes need to come in almost any size and shape, requiring flexibility and productivity across the supply chain.

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

DFB Feeder - Direct Feed Belt

- Feed belt feeder
- Ideal for light weight board



Quick mounting
of the printing dies

Fixed Top Flexo

- Order changeover during the run - Rapidset system
- Automatic printing plate tensioning
- Carbon fiber doctor blade chambers



Quick mounting
of the die-cutting tools

Top rotary Die-cutter

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

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Highly automated
slotter

Slotter - 4 pairs of shafts

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

Automated lap cutting with independant drive

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



Accurate and
consistent folding

Folder-Gluer - Multi-T folding section

- 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 ®



Perfect counting
at rated speed

Top Counter

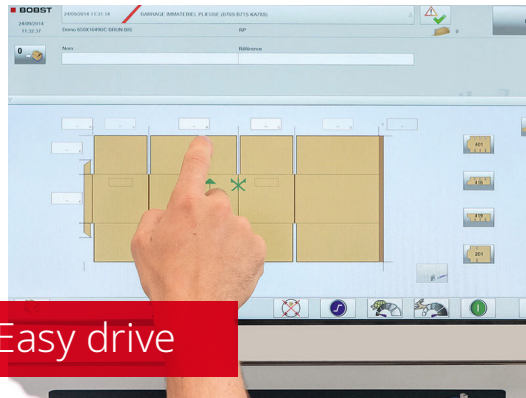
- Synchronized resquaring of boxes

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Easy drive

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



Increased reliability & improved maintenance

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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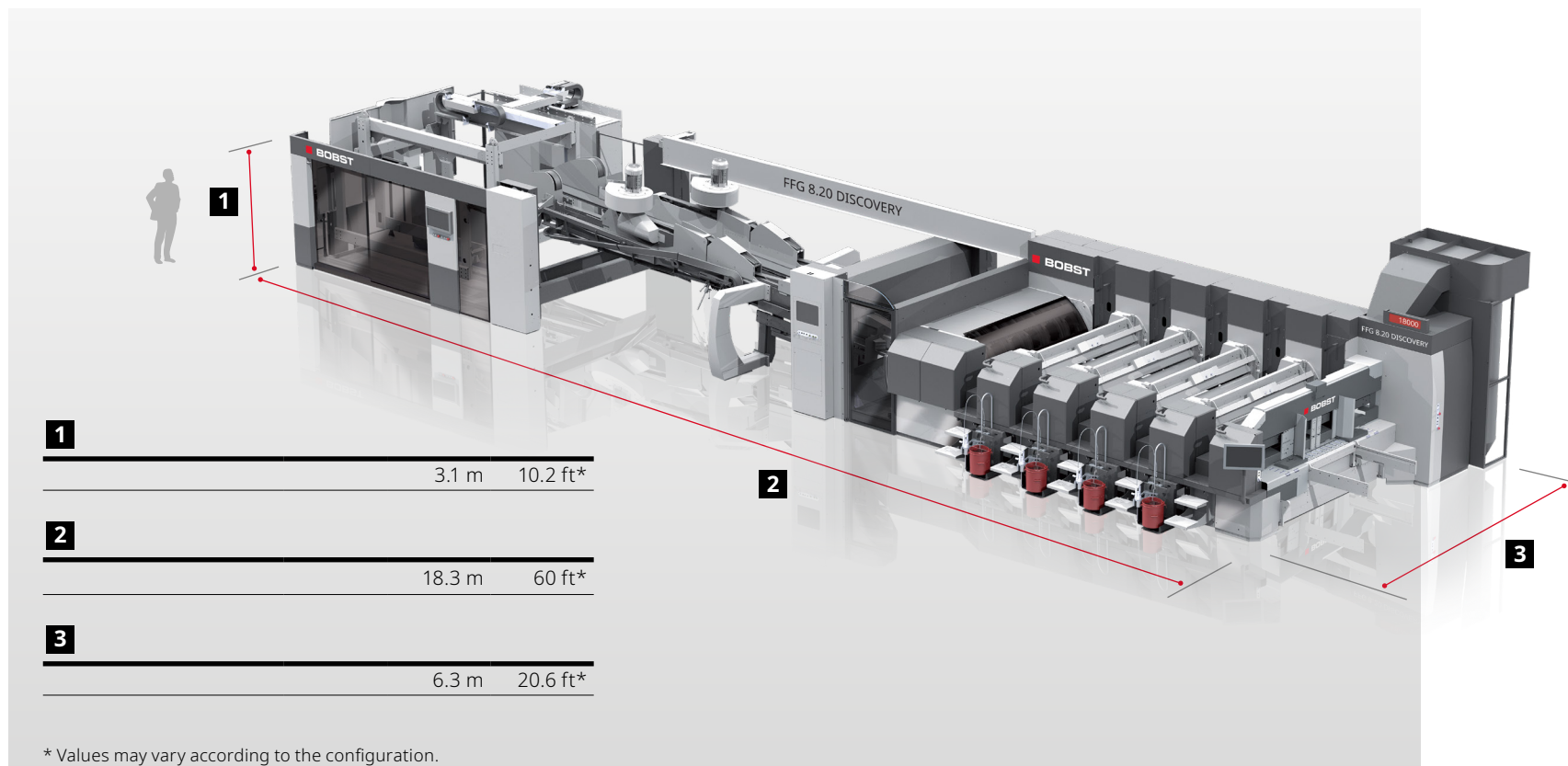
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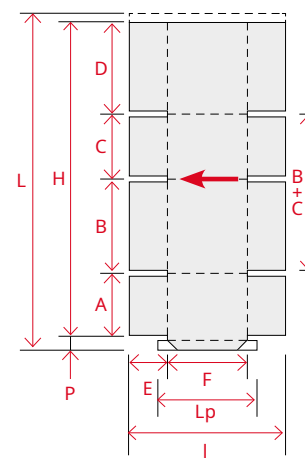
Materials processed

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

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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 - 2 colors	170 kVA**
Air consumption - 2 colors	81 Nm3/h**

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

** Value may vary according to configuration

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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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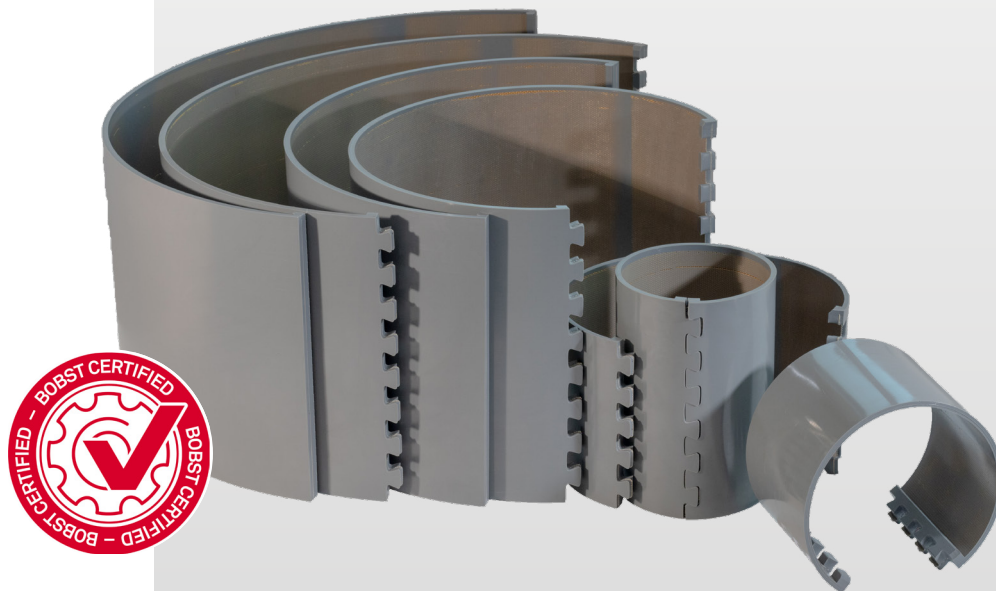
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Maintaining excellence

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

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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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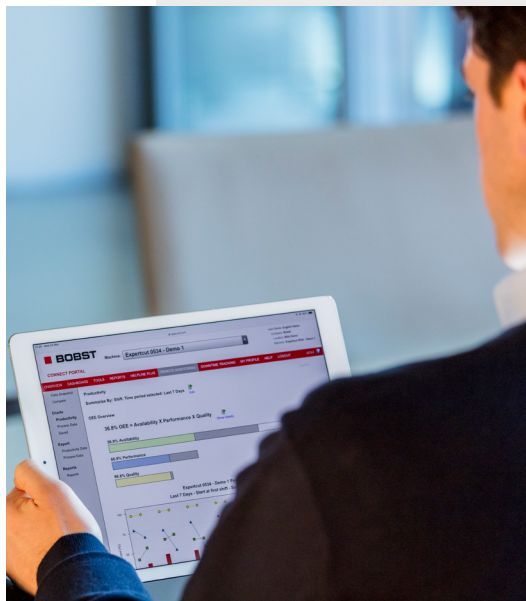
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Switch on digital transformation

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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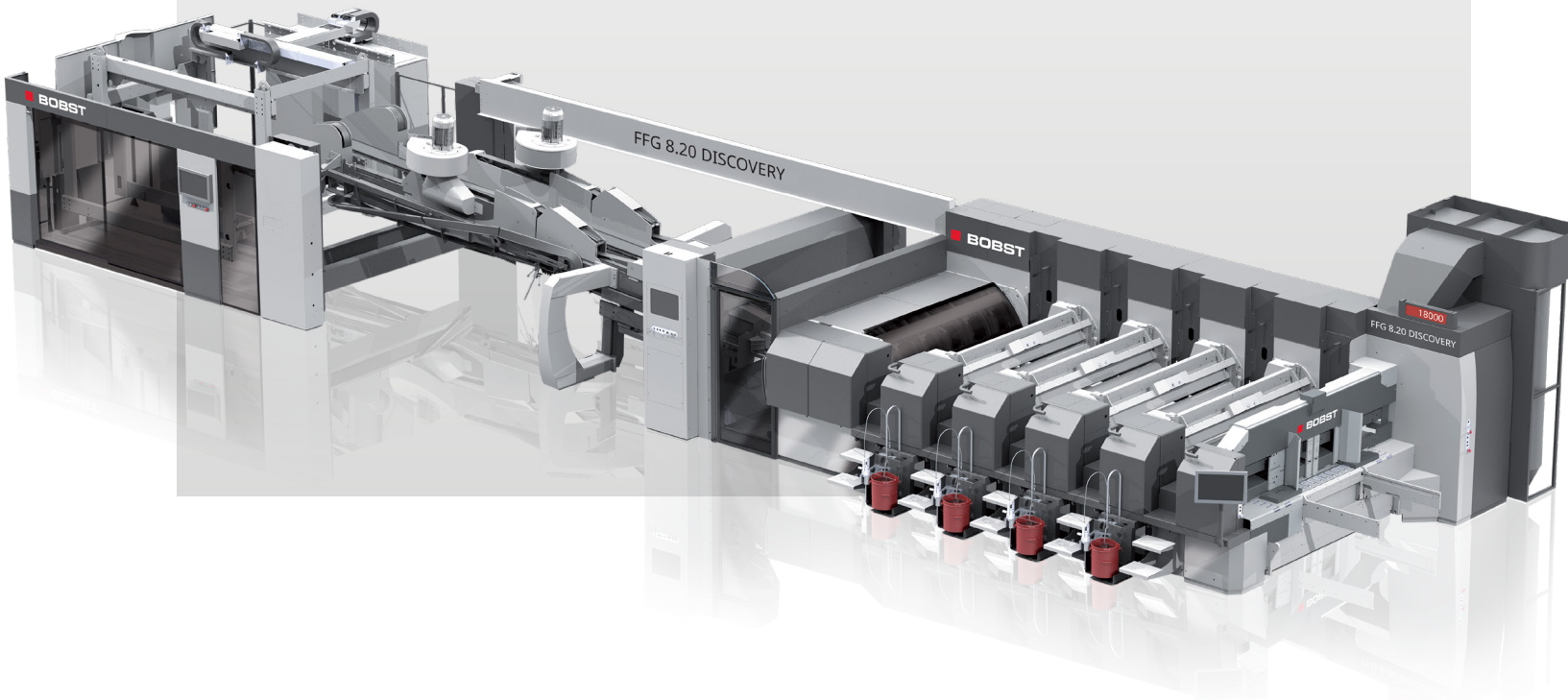
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