

- Creating great printing potential



FLEXPLO POST-PRINTING

FLEXPLO 160-VISION

At a glance

BOBST

Powering performance

FLE XO 160-VISION has been designed to complete the BOBST range of affordably priced equipment for high-quality printing on corrugated board. **FLE XO 160-VISION** combines technology and flexibility in such a way that the user can print straightforward designs straight away, while evolving towards the production of more sophisticated packaging in the future. Different features such as the independent drive, printing length adaptation and register correction technology give you the quality, versatility and the quick and easy handling you want for your work today.

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Cost-effective
and versatile

Advanced
printing

Amazingly
easy to use

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 Print responsibly

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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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Precise feeding

Feeder

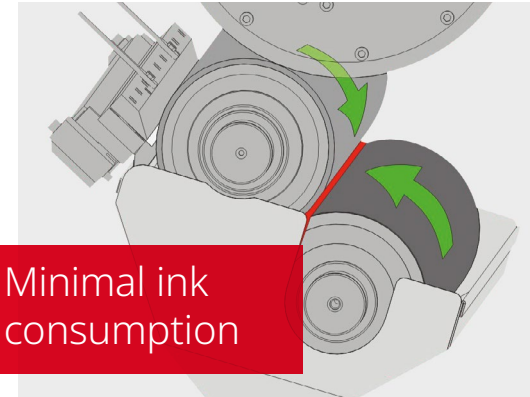
- The suction plate ensures the precise introduction of all qualities of board
- Features lateral joggers with optional blower and lateral rear-sheet guides for precise sheet feeding
- An optional electrostatic sheet cleaner eliminates dust at the sheet introduction



Fast and easy

Printing plate changing

- Centering system allows easy location and precise positioning of printing plates
- Combination of two lockups for a fast and secure fixing of the plates
- A movable carriage and a lifting device enable an Anilox roll changeover within a few minutes



Minimal ink consumption

Inking

- Simple system with minimum ink in circulation for maximum cost saving
- Inking with two rollers and movable reverse-angle doctor blade allows adaptation of the volume of ink according to the quality of the substrate

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Precision register

Sheet transport

- Sheets are transported by maintenance-free driven rollers and vacuum air for high printing precision and quick running
- Easy operation thanks to room between groups
- The optional UV or hot air systems guarantee the drying of ink between colors, avoiding smudging



Centralized control

HMI SPHERE

- SPHERE provides a single point of control for all functions of the machine
- Intuitive and operator-friendly navigation with step-by-step setup
- Possibility to recall of up to 5,000 job settings
- Allows swift setups and changeovers for more machine uptime
- SPHERE allows machines and data to be connected in one comprehensive platform



Easy quality control

Optional sheet ejector

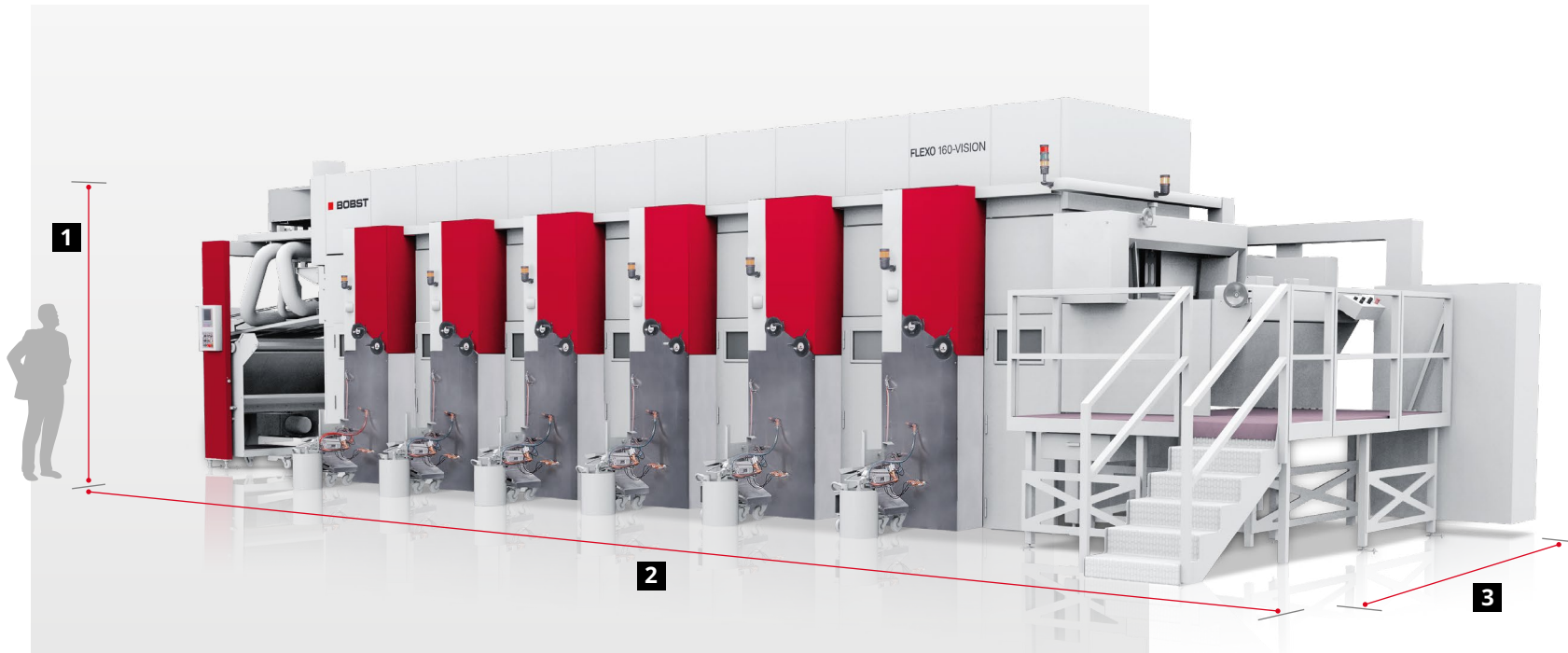
- Easy removal of one or more sheets to visually check quality

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1		3.80 m	12.46 ft*
2	4 colors	15.30 m	50.19 ft*
	Additional color	1.57 m	5.15 ft
3		4.80 m	15.74 ft*

*Values may vary according to the configuration.

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Convertible stock*	FLEXP 160-VISION	
Corrugated board, from	0.75 - 9 mm	.03 - .35 in
Solid board, from	0.75 mm	.03 in

*Depending on quality.

Capability

Sheet size, max.	1,700 x 1,200 mm	62.99 x 47.24 in
Sheet size, min. (manual loading)	600 x 580 (520) mm	23.62 x 20.47 (15.74) in
Production speed off-line, up to	6,500 s/h	6,500 s/h
Production speed in-line, up to	adapted to platen rate, max. 6,200 s/h	

Printing

Printing max.	1,700 x 1,200 mm	62.99 x 47.24 in
Number of printing units, up to	7	7
Printing plate, total thickness with base	3 - 8 mm	0.11 - .031 in

Pile height

Delivery, with non-stop, max.	2,150 mm	0.78 in
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Related products



> **LOADER AF**

Our top feeder solutions handle piles up to 2,300 mm (90.55 in) high, sheets up to maximum size and materials from the lightest to the heaviest - while also ensuring a consistent board stream and no operator intervention.



> **VISIONCUT 1.6 | 1.6 PR**

In combination with a VISIONCUT 1.6 or 1.6 PR, you can transform your FLEXPRESS 160-VISION into an in-line production unit that delivers perfectly printed and die-cut boxes in one single pass, fully automatically.



> **EXPERTCUT 1.6 | 1.6 PR**

In-line with a quick-setting, fast-running EXPERTCUT die-cutter, your FLEXPRESS 160-VISION becomes a high-quality automated box production line without compromising the output of your press.

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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

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Digital age manufacturing happening with BOBST Connect

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

As well as exceptional data insights, BOBST Connect helps to orchestrate and improve 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.

All of this is available to you as part of BOBST Connect Essential, the first subscription level that you receive when you purchase a new BOBST machine.



Performance analysis

- Production insights, including interaction of OEE components
- Identify and eliminate performance gaps

Accurate reporting

- Meaningful insights on OEE and downtime
- Accurately measure target speed and quality losses
- Trend analysis over time

Progress indicator

- Highlights extensive production deviations
- Empowers timely interventions

Remote assistance

- Priority access to technical specialists
- Video with Augmented Reality expert support based on real-time data
- Available 24/7 (optional)

Shift management

- Optimize planning time
- Deliver overall resource efficiency

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Rapid digital comparison and proofing



Streamline the comparison and proofing of sample prints and die-cut blanks using the innovative, new BOBST Digital Inspection Table. Projecting HD original artwork images onto samples, it allows for instant and paperless assessment, digitally and in real time – eliminating the need for overlays and print minis.

Extensive benefits

Productivity

- Fast setup, simple touchscreen UI
- High-quality proofing reduces errors
- Eliminate Library of Tracing to lower costs and save space

Quality

- Rapid, accurate quality control
- Automated quality tracking
- Performance measurement and issue identification

Cutting-edge features

- HD projectors for accurate illumination
- Real-time imaging
- Automated data capture, records and receipts
- Full or partial warp analysis, pre or post-conversion

[> WATCH VIDEO](#)

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