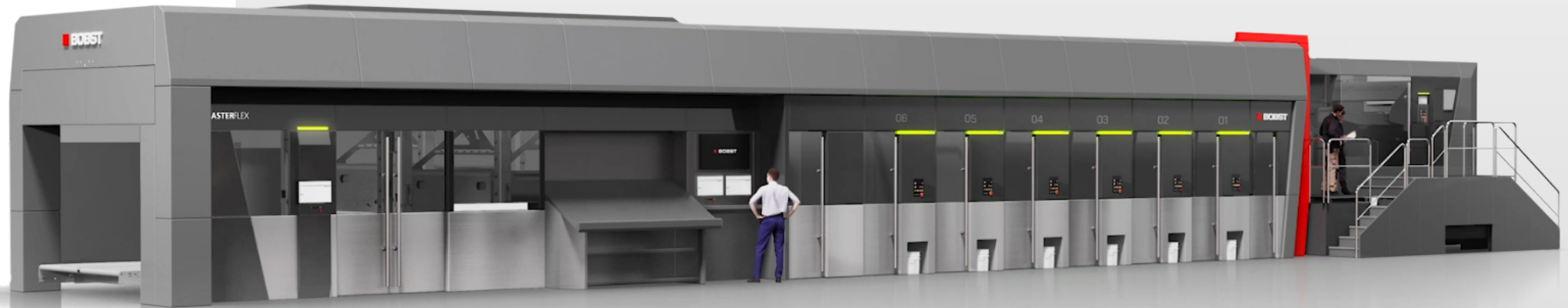


# **Highest definition** graphics



**FLEXO POST-PRINTING**

**MASTERFLEX HD+**

# Powering performance

The new **MASTERFLEX HD+** offers an impressive output of 15,000 sheets per hour, delivering high precision and top-quality printing for all flute sizes, from micro flute to double wall, and up to eight colors. Engineered for robustness and reliability, it features exceptional sheet transport and inking control, making it the leading flexo printing press in its class. The innovative Start & Go System provides ultra-high precision register setting and quality control, requiring only a few sheets to set up a new job. The ACCUCHECK quality control system inspects every sheet, ensuring 100% quality output. The new stacker technology handles sheets individually to avoid scratches and can stack up to two meters high.

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### Outstanding Speed

Achieve an impressive output of 15,000 sheets per hour, ensuring high efficiency and productivity



### Start & Go System

Enjoy ultra-high precision register setting and quality control, needing only 10 sheets to set up new jobs quickly



### ACCUCHECK quality control

Ensure 100% quality output with ACCUCHECK, which inspects every sheet for defects



### Brand-new STACKER

Stack up to two meters high, enhancing operational efficiency and storage flexibility



### Empowering connectivity

BOBST Connect offers remote access to key production data and troubleshooting



### Fast changeovers for more uptime

Anilox changeable in under three minutes without human intervention

REQUEST CONSULTING

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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.

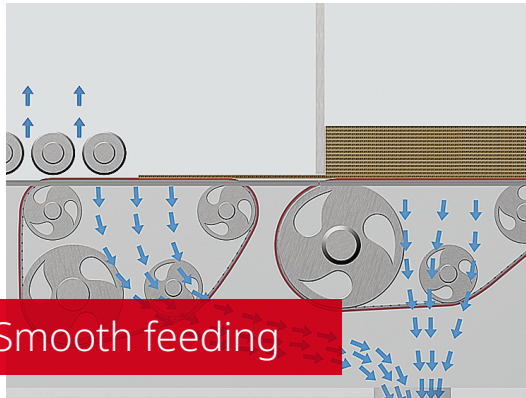


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Smooth feeding

### Real direct drive feeder

- High speed belt infeed system
- No crushed or marked sheets
- Allows correction of the position of the front edge
- Ensures the printing of the first color in register



Perfect register

### Sheet edge register

- A photocell at the in-feed detects the exact position of the sheet's front edge and guarantees that the press prints the first color in exactly the right spot



Start and go

### Automated color register

- Revolutionary Start & Go System system that senses printed marks on the sheet, automatically bringing into register each print unit on start-up and throughout production
- Adjusts print length, skew, transverse and longitudinal register
- Substantial reduction in set-up times and number of sheets needed for start-up
- No need for operator intervention, reducing human error

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Ergonomics

### Automated job changes

- Motorized lifting and locking system helps to cut down manual operator intervention
- Device handles up to three rolls per print unit
- Anilox roll changes in 3 min
- Automatic inking and doctor blade wash-up system reduces ink and water consumption and cuts changeover times
- Carbon chambered doctor blades



Taking control

### Operator interface

- Touch screen operator interface is intuitive and easy to use
- Allows the adjustment of all parameters and includes an indicator showing the state of the machine
- The built in MATIC system manages the memorizing of specifications for repeat work, allowing their automatic re-setting and adjustment



Zero default

### Optional ACCUCHECK

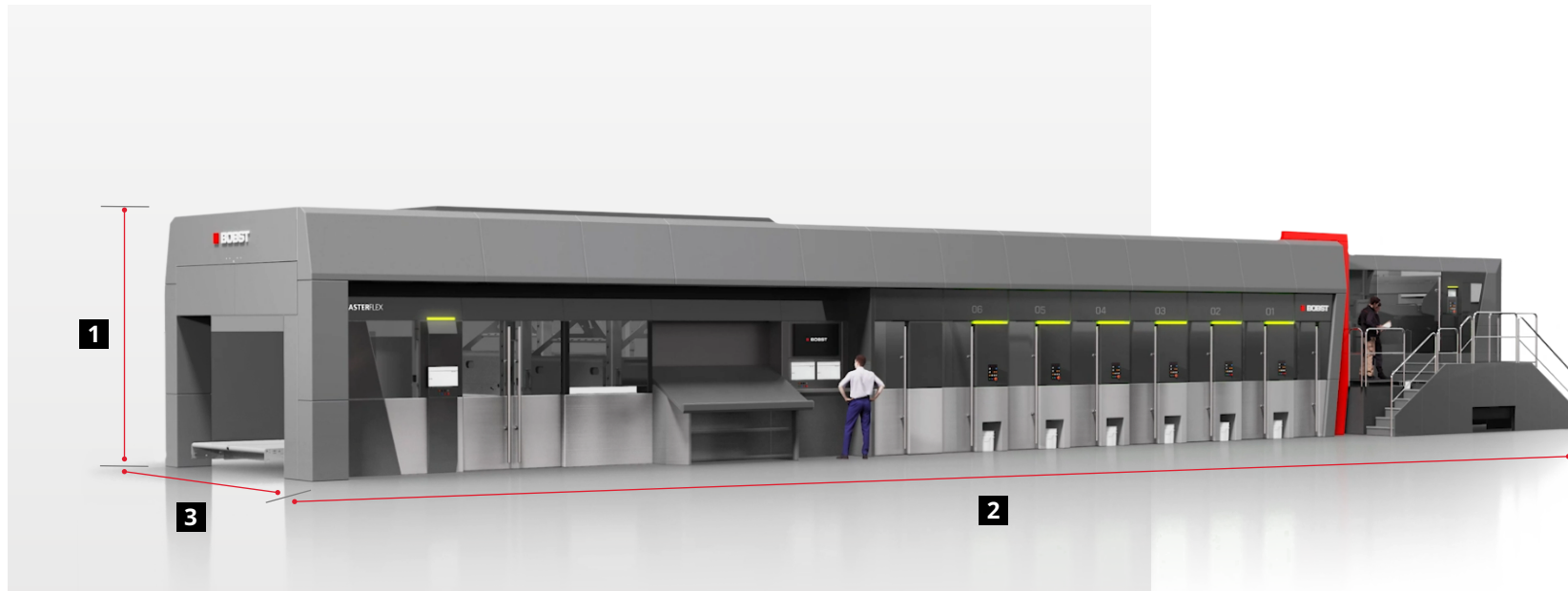
- Our renown in-house quality inspection system guarantees that 100% of your production meets your customers' quality requirements
- Non-conforming production is rejected automatically
- Saves time, reduces waste, and prevents returned orders
- ACCUCHECK even identifies variations in the washboarding effect

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<b>1</b>		4.76 m	15.62 ft*
<b>2</b>	4 colors + LOADER + SPEED STACK	29.74 m	97.57 ft*
	additional color	1.57 m	5.15 ft*
<b>3</b>		7.55 m	24.77 ft*

\*Values may vary according to the configuration.

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### Convertible stock\*

### MASTERFLEX-HD

Corrugated board	0.6 - 9 mm	.023 - .35 in
Solid board, from	0.75 mm	.03 in

\*Depending on quality

### Capability

Sheet size, max.	2,100 x 1,300 mm	82.67 x 51.18 in
Sheet size, min.	600 x 620 mm	23.62 x 24.41 in
Production speed off-line, up to	15,000 s/h	15,000 s/h
Production speed in-line		adapted to platen rate
Mirror version	yes	yes

### Printing

Printing size, max.	2,100 x 1,285 mm	82.67 x 50.59 in
Printing plate, total thickness with base	3 - 8 mm	0.11 - .031 in
Number of printing units, up to	8	8

### Pile height

Non-stop delivery, max.	2,150 mm	84.64 in
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## Related products



### **LOADER AF | ML**

Our top feeder solutions handle piles up to 2,600 mm (78.75 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.



### **MASTERCUT 1.7 | 2.1**

The world's most productive flat-bed die-cutter for corrugated board. With production speeds of up to 7,500 s/h and its integrated POWER REGISTER print-to-cut sheet registration system, MASTERCUT will transform your press into an HD production power house.

### **MASTERFLEX-HD**

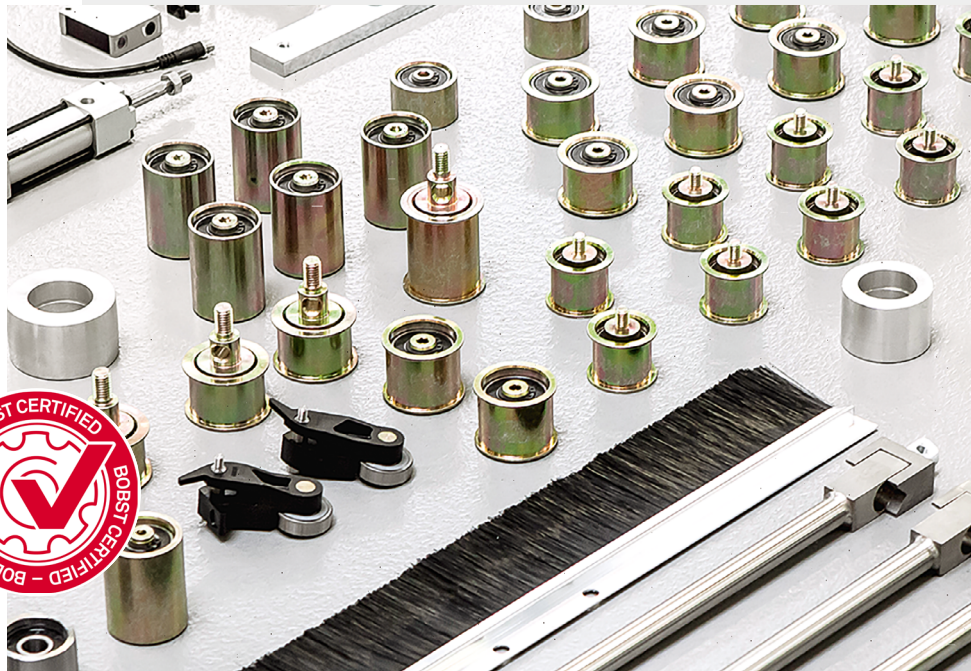
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# Maintaining excellence

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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# 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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