

— Highest definition graphics



FLEXO POST-PRINTING

MASTERFLEX-HD

At a glance

Powering performance

In the world of high quality flexo printing, **MASTERFLEX-HD** is the reference for all 2,100 x 1,300 mm format presses. Thanks to its advanced control technology and ultra-precise, automatic adjustment, it offers a flexographic alternative to offset printing when manufacturing high added-value packaging in substrates from micro-flute to double-wall, and in up to eight colors. Robust and reliable, with outstanding sheet transport and superb inking control, **MASTERFLEX-HD** is the most powerful flexo printing press in its category.

MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table



Superb quality printing

Added margin and value

Power and durability

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Print responsibly

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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.

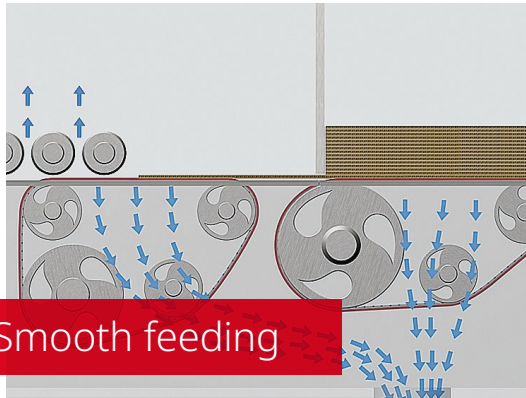


MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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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

MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table



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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



High efficiency

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



Zero default

Optional iQ 300

- 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
- iQ 300 even identifies variations in the washboarding effect

MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

1		3.95 m	12.95 ft*
2	4 colors + LOADER + STACKER	29 m	95.10 ft*
	additional color	1.57 m	5.15 ft*
3		10.80 m	35.43 ft*

*Values may vary according to the configuration.

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Convertible stock*

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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 520 mm	23.62 x 20.47 in
Production speed off-line, up to	10,000 s/h	10,000 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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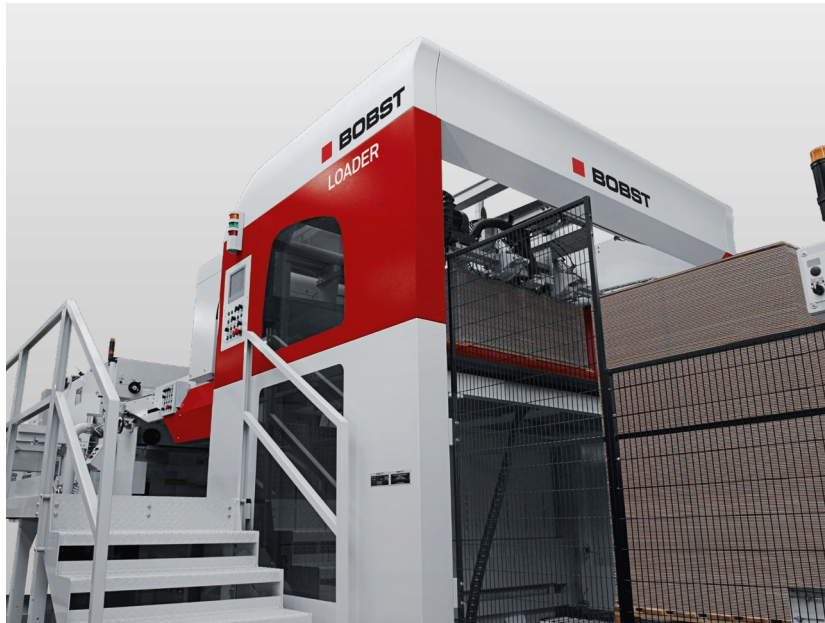
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1–3
 - > 4–6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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Related products



LOADER AF

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

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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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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- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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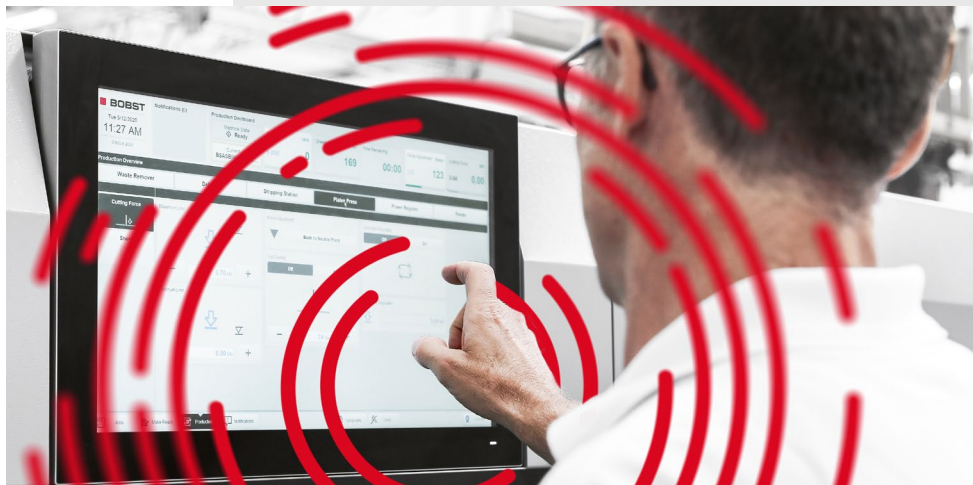
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Digital age manufacturing happening with BOBST Connect

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

MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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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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- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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MASTERFLEX-HD

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Digital Inspection Table

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