

Fully automatic speed



FLEXO POST-PRINTING & DIE-CUTTING | PERIPHERAL | CORRUGATED BOARD

LOADER AF

At a glance

Powering performance

BOBST

This high speed stream feeder removes any manual interaction when loading board into your BOBST AUTOPLATEN® die-cutter or flexo printing press, but it also looks after your delicate substrates. **LOADER AF** ensures smoother, faster and more consistent feeding, without stoppage, while letting your machine run at maximum throughput. In addition, **LOADER AF** handles everything from micro-flute to heavy double-wall corrugated boards. Integrated with HMI SPHERE, **LOADER AF** offers fully automated, digitized control for seamless operation, optimizing efficiency, throughput, and precision with intuitive touchscreen monitoring.

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Maximum throughput

Delivering perfect sheets

Doing all the work

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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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Efficient and productive

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
- MATIC automatically linked with MASTERCUT 1.7 | 2.1, MASTERFLEX-HD and MASTERFLEX-HD +



Increase up time

Non-stop production

- Simple to set and safe
- Buffer feeder ensures no workflow interruptions
- Sheet delivery position control ensuring continuous feeding on the conveyor with MASTERCUT 1.7 | 2.1, EXPERTCUT 1.6, VISIONCUT 1.6, MASTERFLEX-HD, MASTERFLEX-HD+ and FLEXO 160-VISION



High-speed flow

Pallet evacuation

- The empty pallet, the carrier plate or remains of the pile are automatically evacuated on a plastic belt, in the board direction of travel, and then laterally by means of a pusher

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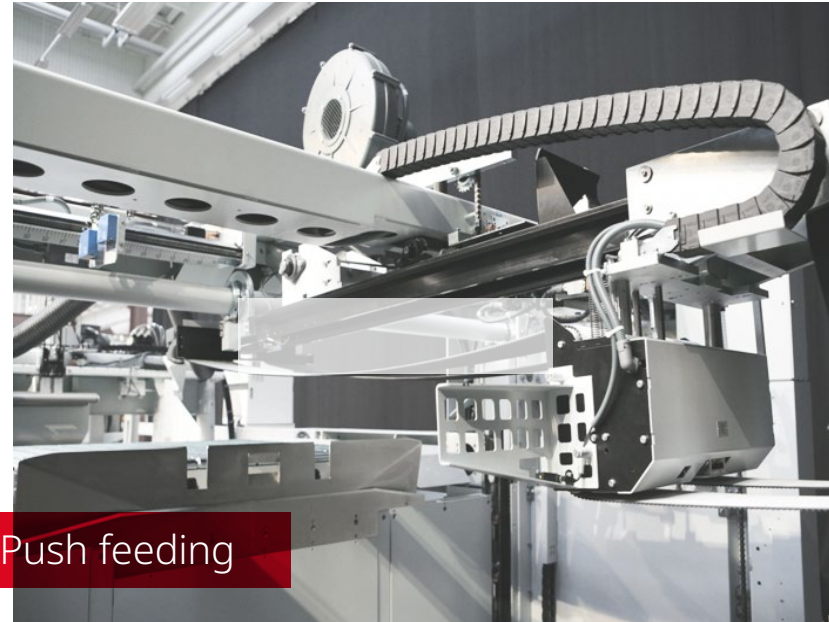
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Consistent loading

Perfect board streaming

- Consistent loading and transport to feeder
- Lateral joggers align sheets at buffer
- Smooth and regular feeding of the converting machine



Push feeding

Pusher on LOADER-AF

- Separation of the pile in batches
- Top of pile kept in place by belts during transfer of batch
- Finger holding the last sheet under the batch during transport

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Convertible stock

Corrugated board	0.75 - 9 mm	0.02 - 0.35 in
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Capability

Sheet size, max.	2,100 x 1,300 mm	82.67 x 51 in
Sheet size, min.	600 x 520 mm	23.62 x 20.47 in

Pile height

Pile height VISIONCUT 1.6, EXPERTCUT 1.6, EXPERTCUT 1.7 2.1	2,000 mm	78.74 in
MASTERCUT 1.7 & 2.1 max.*		
Pile height FLEXO 160-VISION, max.*	2,300 mm	90.55 in
Pile height EXPERTFLEX, MASTERFLEX-HD & HD+, max.*	2,600 mm	102.36 in
Mass max.	2 tons	2 US tons

*With or without pallet.

Dimensions

Width	5.4 m	17 ft
Length (from machine front gauge)	8.5 m	27 ft
Height	3.35 m	10 ft
Height, elevation 300 mm	3.65 m	11 ft
Height, elevation 600 mm	3.95 m	12 ft

AF All fluting - Handles carton board and micro-flute, to corrugated board as thick as double-wall.

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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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