

**Most robust,**  
most precise

Including  
configuration for  
e-commerce  
boxes



**FOLDING-GLUING | CORRUGATED BOARD**

**MASTERFOLD 170 | 230 | 300 | 350**

At a glance

# Powering performance

When only the very highest productivity will do! With its modular design, single box set-up and superb reliability, **MASTERFOLD** is built to last - and is perfectly placed to meet not only your current production needs, but also any future changes in your business and markets. Fast makereadies give you the responsiveness you need on short runs, while features such as anti-jam technology and video monitoring mean that on longer runs you make the most of its amazing speed.



E-commerce **workhorse**

**Intelligent automation**  
for exceptional box quality

**Robust** and long-lasting

**BOBST**

**MASTERFOLD**  
170 | 230 | 300 | 350

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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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Fast and perfect alignment

### ACCUFEED

- Integrated patented BOBST blank aligner for perfect high-speed folding
- Nine feeding options to suit your production needs
- Feeds all types of material
- Sets in a quarter of the time of other feeders - meaning short makeready times
- Reduced waste
- Less maintenance



Flexible and time-saving

### Crash-lock module

- Fastest set-up time in its class
- Quick and precise - delivering a great variety of folding options, including reinforced crash-lock bottom boxes
- Pre-breaks large boxes and provides a location for additional devices
- Telescopic upper conveyors easily adjustable to box formats



Versatility and speed

### 4- & 6-corner equipment

- Dedicated module for easier set-up and more folding space, allowing a wider range of variants to be run
- Quick set-up tilting frame adjusts to flap size
- CUBE<sup>3</sup> controlled with automated positioning and remote control
- Modulated trajectory hooks for smooth and precise folding



Quick and easy adjustment

### Folding

- Easy accessibility for fast set-ups and direct process control
- Folding belt with motorized speed variator for quick set-up, faster correction and reduction in waste
- Extra-long folding section for perfect gap and reduced fishtailing
- Right, left or simultaneous folding
- Minimum folding device for precise and accurate folding down to 140 mm

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Highly configurable

### Versatility

- Customizable machine with modular design, enabling you to capture new market opportunities
- Allows you to develop your range of production and adapt to evolving business and customer needs



Independent and intelligent

### Transfer

- Independent drive for total control of the box stream
- CUBE<sup>3</sup> controlled, easy setting
- Motorized transfer conveyors adaptable to complex box shapes
- Automatic belt tensioning and adjustable height ensures a perfect box stream



A constant flow

### Delivery

- Box stream regulator for precise intervals, higher quality and faster running
- Infeed conveyor for better control and higher running speeds
- Rear stack corrector ensures better consistency and less waste
- Independent drive for fast job changeover
- Automatic apron centering

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1	MASTERFOLD 170   230   300   350	2.40 m	7.87 ft
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2	MASTERFOLD 170   230   300   350	21.60 m	70.86 ft*
	MASTERFOLD 170   230 with e-commerce configuration	36.30 m	118.90 ft*

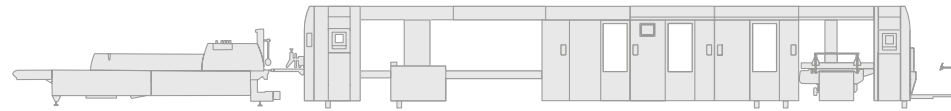
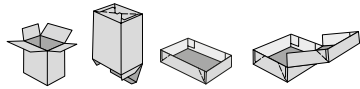
3	MASTERFOLD 170   230	2.40 m	9.71 ft*
	MASTERFOLD 300   350	4.20 m	13.77 ft*
	MASTERFOLD 170   230 with e-commerce configuration	5.70 m	18.63 ft*

\*Values may vary according to the configuration.

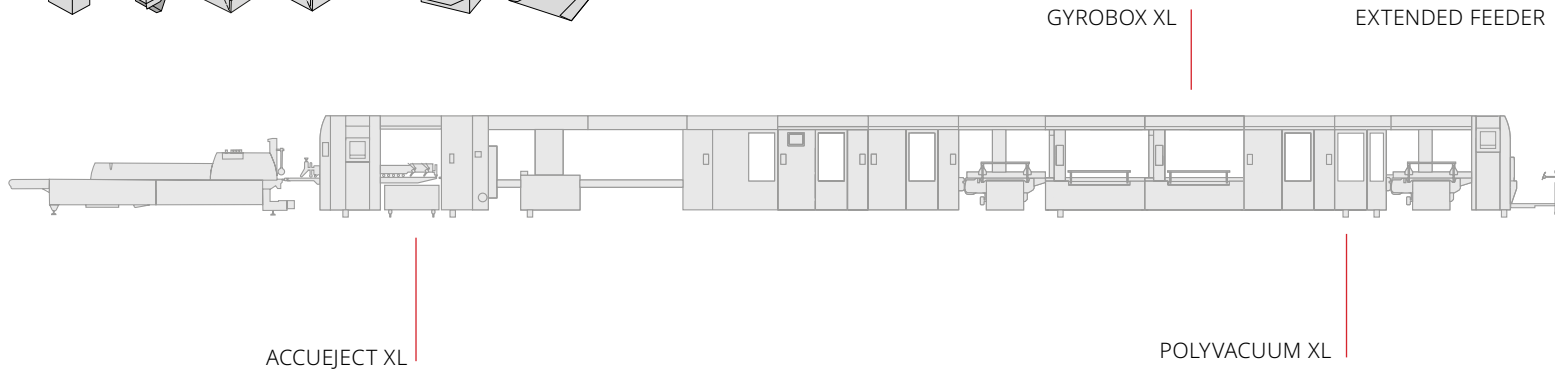
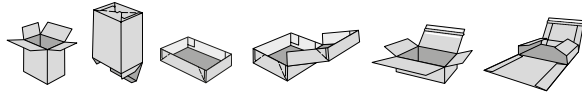
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## A4 MASTERFOLD 170 | 230 | 300 | 350



## A4 MASTERFOLD 170 | 230 with e-commerce configuration



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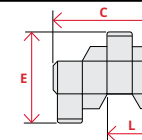
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## Box sizes

### MASTERFOLD 170 | 230 | 300 | 350

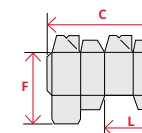
#### Straight line boxes

	Min./mm	Min./inch	Max./mm	Max./inch
<b>C</b>	290	11.41	1,700   2,300   3,000   3,500	66.92   90.55   118.11   137.79
<b>E</b>	160*	6.29	1,600	62.99
<b>L</b>	140	5.51	830   1,130   1,450   1,700	32.67   44.48   57.08   66.92



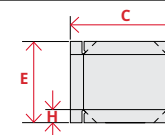
#### Crash-lock bottom boxes

	Min./mm	Min./inch	Max./mm	Max./inch
<b>C</b>	290	11.41	1,700   2,300   3,000   3,500	66.92   90.55   118.11   137.79
<b>F</b>	160*	6.29	1,600	62.99
<b>L</b>	140	5.51	830   1,130   1,450   1,700	32.67   44.48   57.08   66.92



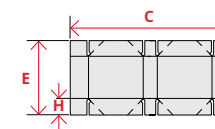
#### 4-corner boxes

	Min./mm	Min./inch	Max./mm	Max./inch
<b>C</b>	290	11.41	1,700   2,300   3,000   3,500	66.92   90.55   118.11   137.79
<b>E</b>	160*	6.29	1,600	62.99
<b>H</b>	40	1.57	270	10.62



#### 6-corner boxes

	Min./mm	Min./inch	Max./mm	Max./inch
<b>C</b>	400	19.68	1,700   2,300   3,000   3,500	66.92   90.55   118.11   137.79
<b>E</b>	160*	6.29	1,435	39.37
<b>H</b>	50	1.96	270	10.62



\*190 with option pressing device HA-020

## Convertible stock

Corrugated board	A, B, C, E, F, N, AB, AC, BC, EB, EF
Thickness of folded box, max.	35 mm 1.4 in
Carton or solid board, up to	800 - 2,000 g/m <sup>2</sup> .049 - .060

## Drive system

Inching speed	20 m/min	65 ft/min
Operating speed adjustable	20 - 250 m/min	66 - 820 ft/min

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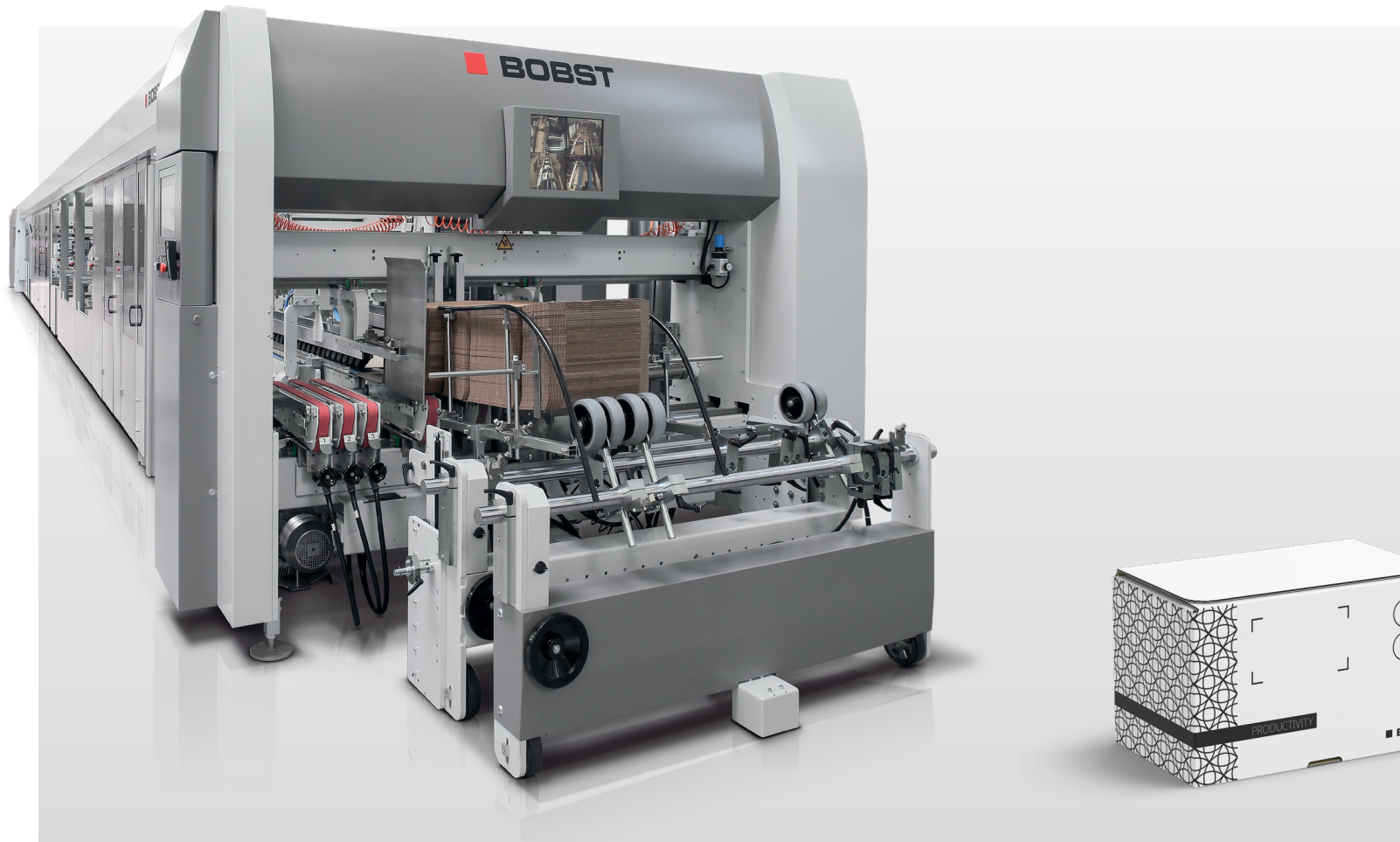
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# Customer driven

**MASTERFOLD 170 | 230** - Complementary devices will allow you to produce e-commerce and other complex, multipurpose boxes faster and more efficiently than ever before - in a single pass. These exceptional devices will drive the creativity, productivity and efficiency of your **MASTERFOLD** line and turn your boxes into added value and profit. In a market where competitiveness is key, these devices will give you a decisive advantage.




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A smooth start

### EXTENDED FEEDER

- Specially conceived devices for smooth feeding of extra-long boxes
- Timed feeder and motorized feeding assistance, ensuring the regular and precise feeding of large boxes
- Blank aligner for perfect folding



Ready for change

### POLYVACUUM XL

- Module for in-line application of strips, self-adhesive tapes and special folding devices
- Lower vacuum transports for perfect stability of the blanks
- Bespoke upper transports allowing the installation of external application tools



Innovation potential

### GYROBOX XL

- Rotate blanks from 0° to 180° in any direction
- Rapidly produces complex designs in a single pass, particularly e-commerce boxes
- Allows great diversification and adaptability, increasing efficiency and lowering costs

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100% quality

### ACCUEJECT XL

- Easily set flipper-ejector device, able to eject a single faulty box
- Automatically ejects non-standard boxes up to 35 mm thickness at full running speed
- Ensures a high quality production while simultaneously reducing waste and costs



Amazing potential

### Creativity

- Possibility to produce a wide range of different boxes in a single production line
- Easy production of complicated designs
- Greater diversification and flexibility for increased competitiveness



Fast and accurate

### Productivity

- Operating speed up to 250 m/min
- No hindrance and no loss of speed when running standard boxes
- High precision, guaranteeing the superb quality of the final product

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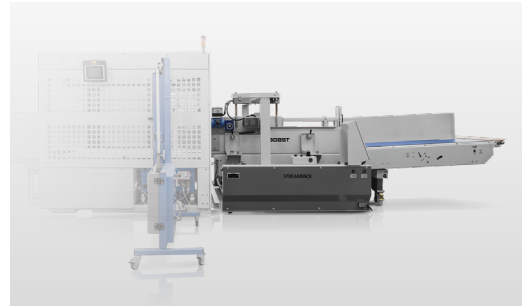
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## Related products



### > **SPEEDPACK**

SPEEDPACK is a fully automatic packer which bundles all types of boxes - corrugated and and litho-laminated boxes alike. It offers a wide range of bundling and strapping options and increases productivity of your multipoint folding-gluing line by 25%, while maintaining the exceptional quality of your boxes.



### > **STREAMPACK**

This semi-automatic, versatile batch collector handles all types of corrugated and heavy solid board boxes, from straight line to 4- and 6-corner boxes, increasing productivity and reducing operational costs.

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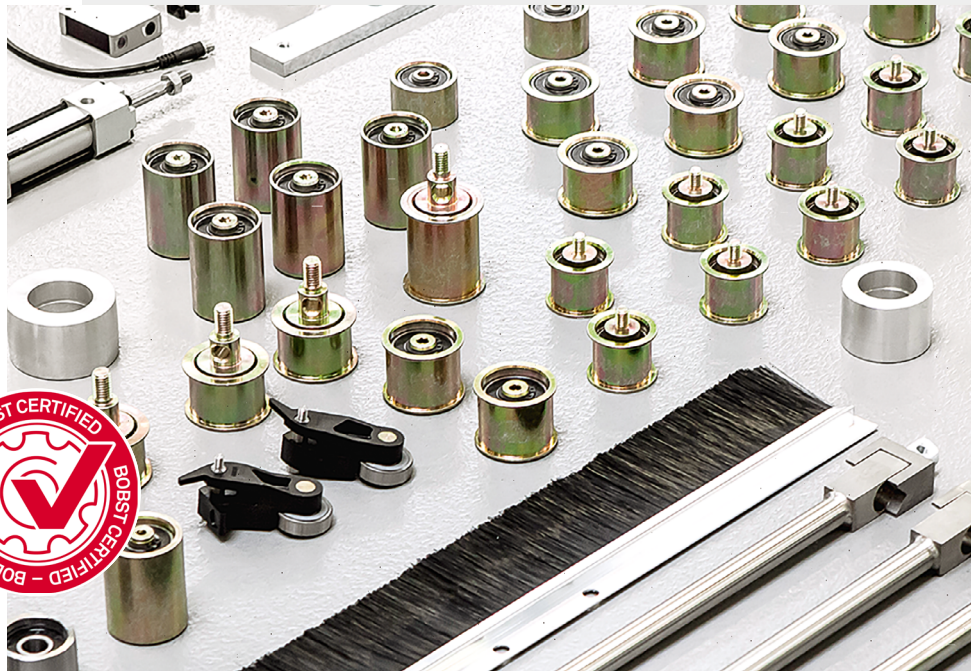
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# Maintaining excellence

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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# 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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# Most robust, most precise

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