

Flexibility and accuracy



FOLDING-GLUING | CORRUGATED BOARD

NOVAFOLD 106 | 145 | 170

At a glance

BOBST

Powering performance

Whatever type of corrugated board or litho-laminated boxes you produce, **NOVAFOLD** has been designed to give you complete control during the folding process. Advanced feeding, accurate prebreaking and a folding process that minimizes fishtailing and gap, ensuring high productivity and a quality finished product. With its straightline, crash-lock, 4 & 6-corner capabilities and quick setting times, **NOVAFOLD** also provides the versatility and flexibility needed to meet whatever request your clients might have.

NOVAFOLD
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Unique folding

Easy handling for more uptime

Highly configurable

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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Perfect feeding

ACCUFEED

- Integrated BOBST blank aligner, ensuring perfect folding quality
- Alignment left or right
- Feeds all types of material
- Sets in 25% of the time of other comparable feeders on the market, considerably shortening makeready times



Accurate and reliable

Prebreaker

- High-speed, variable angle prebreaking with extra-long module
- Ensures reliable and precise opening of the finished product
- Lifting device allowing quick and easy set-up
- Extra-wide lower belts and driven upper belts for regular blank transport, even for heavy materials



Crash-locks made easy

Crash-lock module

- Motorized lifting frames for fast and easy set-ups
- Quick setting, for short makeready and changeover
- Allows a huge range of box variants to be run
- Prebreaks large boxes and provides a location for additional devices

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Versatility

4 & 6-corner devices

- Runs a large range of box types
- High-speed and high-quality folding with modulated hook trajectory
- Easy setting with electronically controlled rotary hooks
- Tilting frame adjusts to flap size
- SPHERE controlled, allowing saving and retrieval of settings



Perfect control

Folding

- Crease relief device for more natural, smooth and precise folding
- Crease control device ensuring a perfect fold
- 5 m long folding section for perfect gap and reduced fishtailing
- Driven upper belts ensure more consistent transport, especially for heavy blanks



Complete control

HMI SPHERE

- Controls all functions the machine
- Up to two 15" full color, high-definition touch screens
- Simple step-by-step procedure guides the operator through the job set-up process
- All settings appear on one screen for more convenient and intuitive navigation
- Fully compatible with the digital BOBST Connect platform
- Allows the saving of up to 5,000 job settings

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Independent and intelligent

Transfer

- Independent drive for total control of the box stream
- Belt tensioning and adjustable height ensure a perfect box stream
- Adjustable transfer conveyors for quicker set-up
- ACCUEJECT XL* easily set quality control device, able to eject a single faulty box
- Automatically ejects non-standard boxes up to 35 mm thickness at full running speed



A constant flow

Delivery

- Independent drive for faster changeover
- Box-stream regulator for precise intervals, higher quality and faster running
- Improved glued box quality with automatic apron centering
- ACCUSQUARE XL for perfect alignment of every box, guaranteeing high-standard quality



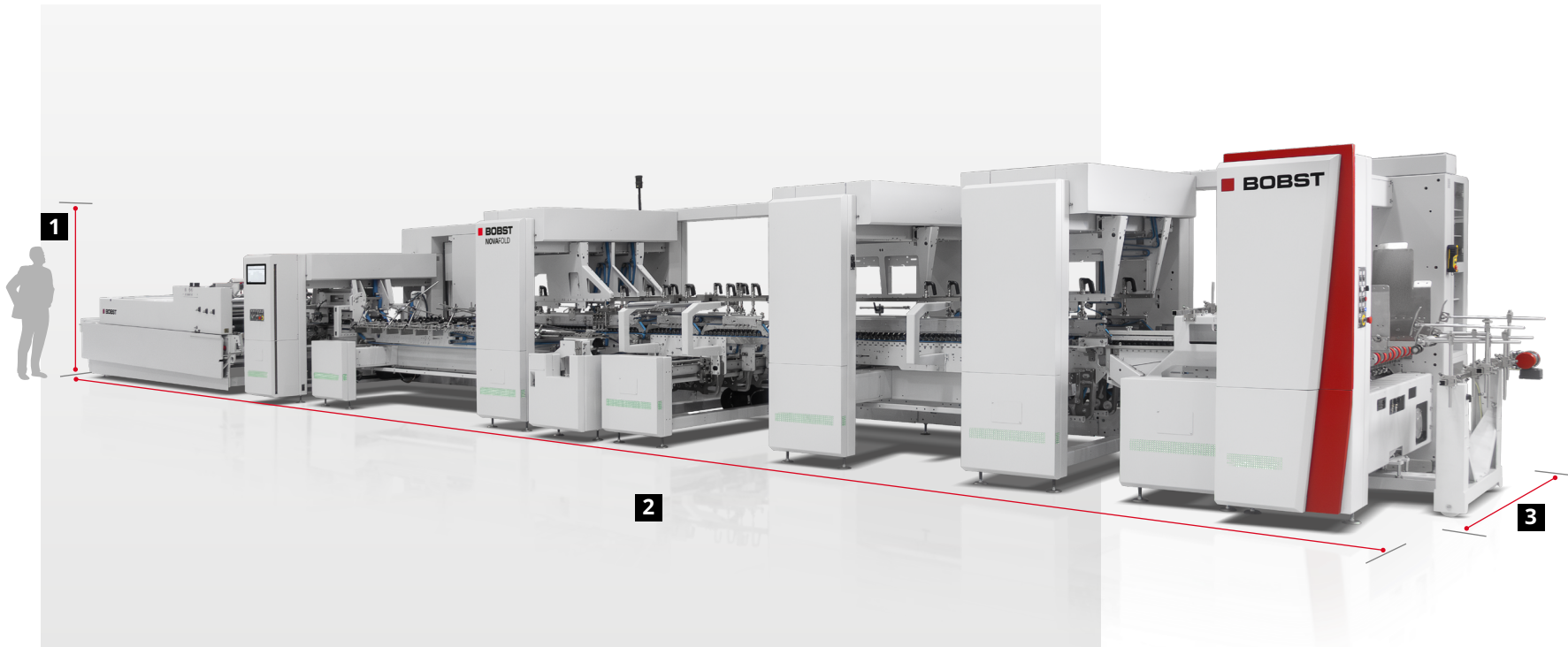
Accessible and safe

Ergonomics

- Maximum accessibility for fast set-ups and direct process control
- Easy handling and quick makeready with MATIC setting and remote control
- Complete production overview with LED machine status indication and video monitoring
- Security light barriers for maximum safety

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1

NOVAFOLD 106 145 170	2.07 m
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2

NOVAFOLD 106	17.52 m*
NOVAFOLD 145 170	20.22 m*

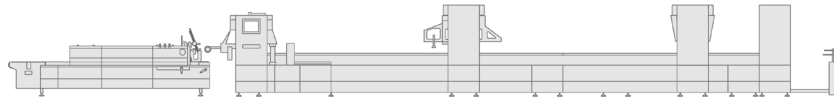
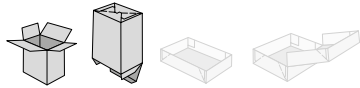
3

NOVAFOLD 106	2.10 m*
NOVAFOLD 145	2.70 m*
NOVAFOLD 170	3.00 m*

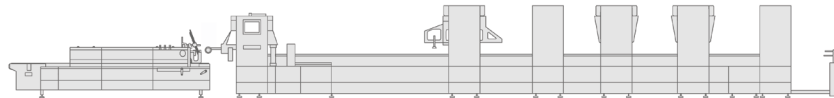
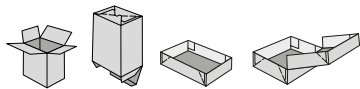
*Values may vary according to the configuration.

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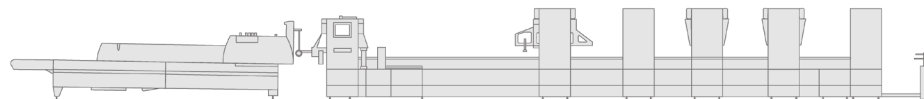
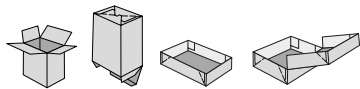
A2 NOVAFOLD 106



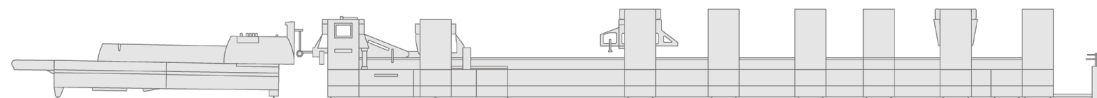
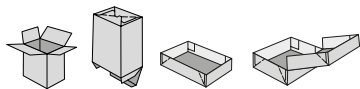
A2 NOVAFOLD 106 with 4- & 6-corner device



A2 NOVAFOLD 145 | 170



A2 NOVAFOLD 145 | 170 with ACCUEJECT XL



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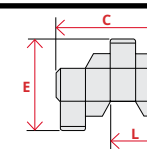
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Box sizes

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Straight line

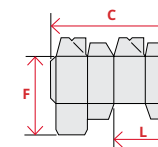
	Min./mm	Max./mm
C	296 116*	1,060 1,450 1,700
E	60	800 1,100 1,100
L	145 55*	530 710 835



*With optional minimum folding device G-001

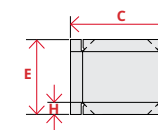
Crash-lock bottom

	Min./mm	Max./mm
C	296	1,060 1,450 1,700
F	60	800 1,100 1,100
L	145	530 710 835



4-corner boxes¹

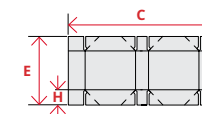
	Min./mm	Max./mm
C	225	1,200 1,500
E	130	1,100 1,100
H	30 40*	200 200



*For corrugated board only

6-corner boxes¹

	Min./mm	Max./mm
C	440	1,450 1,700
E	150	800 800
H	50	150 150



Convertible stock

Corrugated board	A, B, C, E, F, N, BE, BF, EF
Thickness of folded box, max.	15 mm*
Carton or solid board, up to	800g/m ²

*25 mm optional for 145 and 170

Drive system

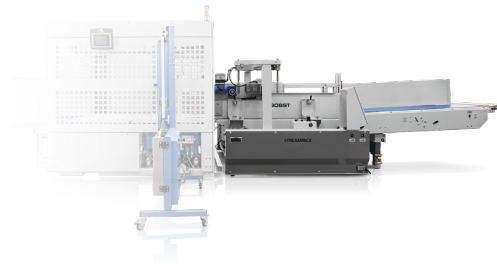
Inching speed	20 m/min
Operating speed adjustable	20 - 250 m/min

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> **STREAMPACK**

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

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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

[> 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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