

Outstanding efficiency

- Including:
- **New A3 Version**
 - ACCUCHECK
 - ACCUBRAILLE
 - SPEEDWAVE
 - GYROBOX

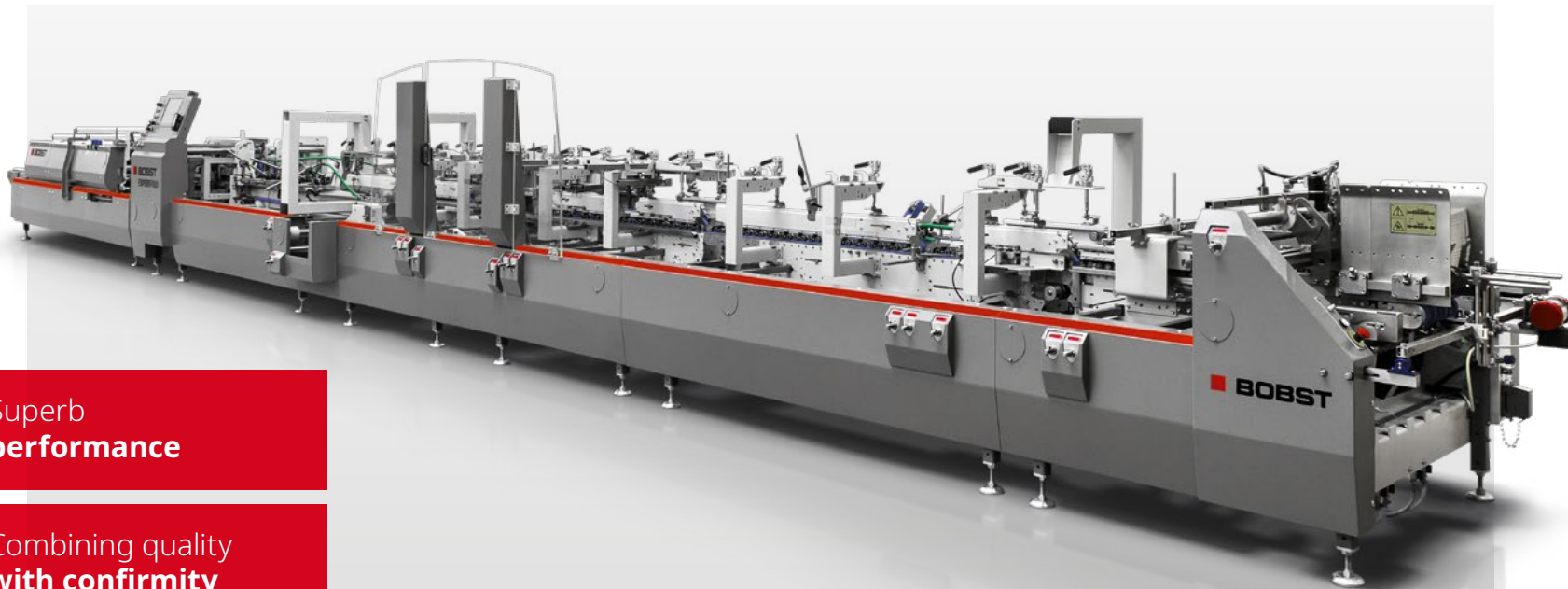


FOLDING-GLUING | FOLDING CARTON

EXPERTFOLD 50 | 80 | 110

Empowering flexibility

This extremely versatile folder-gluer allows you to produce an impressive number of box styles in a wide range of materials at speeds of up to 450 meters per minute. Easy to operate, it delivers both striking productivity and boxes of unrivalled quality. **EXPERTFOLD** allows you to simultaneously carry out other in-line processes, such as Braille embossing with **ACCUBRAILLE** and quality inspection with **ACCUCHECK**, making it ideally suited for the pharmaceutical and cosmetic markets.



Superb
performance

Combining quality
with confirmity

Amazing
flexibility

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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

[> READ MORE](#)

Functional packaging and protection

Protecting the goods in a clever way is required. Single serve, multi-packs, re-sealable, see-through.

Customization, versioning, personalization

Packaging needs to reach all segments of the society taking almost any shape and size from very short runs to reprint and long runs. All with the best color consistency.

E-commerce & omni-channels

Multiple retail formats set new requirements for packaging. On-demand production, timely delivery across multiple designs, shapes and sizes.

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.

Faster time-to-market

A growing number of products need to reach consumers faster. Product lifetime is shorter. From product design to the consumer experience, the supply chain has to be more agile.

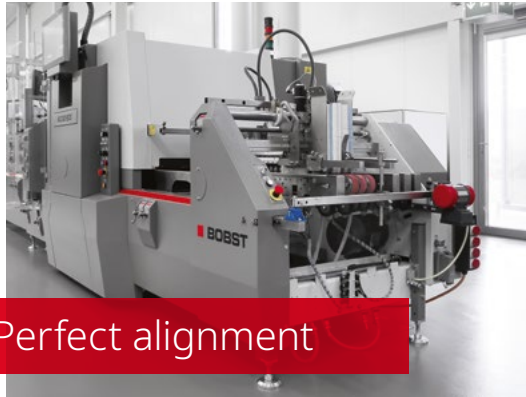
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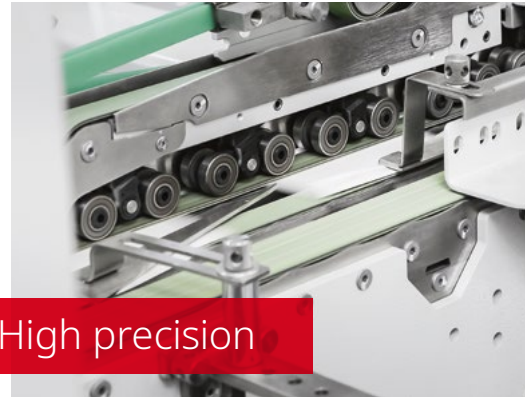
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Perfect alignment

ACCUFEEED

- Integrated blank aligner for perfect folding
- Variable-speed independent drive ensures faultless feeding of irregularly shaped cartons
- Feeds all types of material
- Drastically reduces the setting time of the feeder
- Reduced waste
- Less maintenance



High precision

Prebreaker

- Maximum prebreaking of all boxes at high-speed, regardless of material, for easy opening at the filling line
- Extra-wide, left-hand lower belt ensures no marking
- Upper-left conveyor displacement allows for more flexibility



Flexible and time-saving

Crash-lock module

- Processes multiple-fold packaging
- Provides a location for supplementary devices such as label inserters
- Telescopic upper conveyors are easily adjustable to box format

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Versatility and speed

4 & 6-corner device

- Fast set-up of all types of 4 and 6-corner boxes
- Speeds of up to 28,000 b/h
- Cable guides for 45° panel which suit all box sizes
- CUBE³ (CS/CSM version) control allows automated positioning and remote control for short setups
- Modulated hook trajectory for high-speed, high quality production



Accurate glue delivery

Lower gluing unit

- Oversized stainless steel glue wheel for high-speed running
- Unique scraper device with micro-metric adjustment for precise and stable gluing
- All components easily removable for quick cleaning



Smooth and progressive

Folding

- Minimum folding device for folding down to 35 mm
- Choice of left, right or simultaneous folding
- Automatic belt tensioning ensures quicker makeready

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Independent and intelligent

Transfer

- Independent drive for complete control and faster job changing
- Synchronized kicker adjusts to carton arrival time
- Adjustable transfer conveyors adapt to difficult box shapes
- ACCUEJECT ejects non-conform boxes
- Belt tensioning and adjustable height ensures a perfect box stream



Constant flow

Delivery

- Integrated box-stream regulator for precise stream intervals and faster running
- Automatic apron centering improves box quality and prolongs belt life
- Maintenance free drum motor
- Infeed conveyor for better control of boxes with irregular edges



Complete control

CUBE³

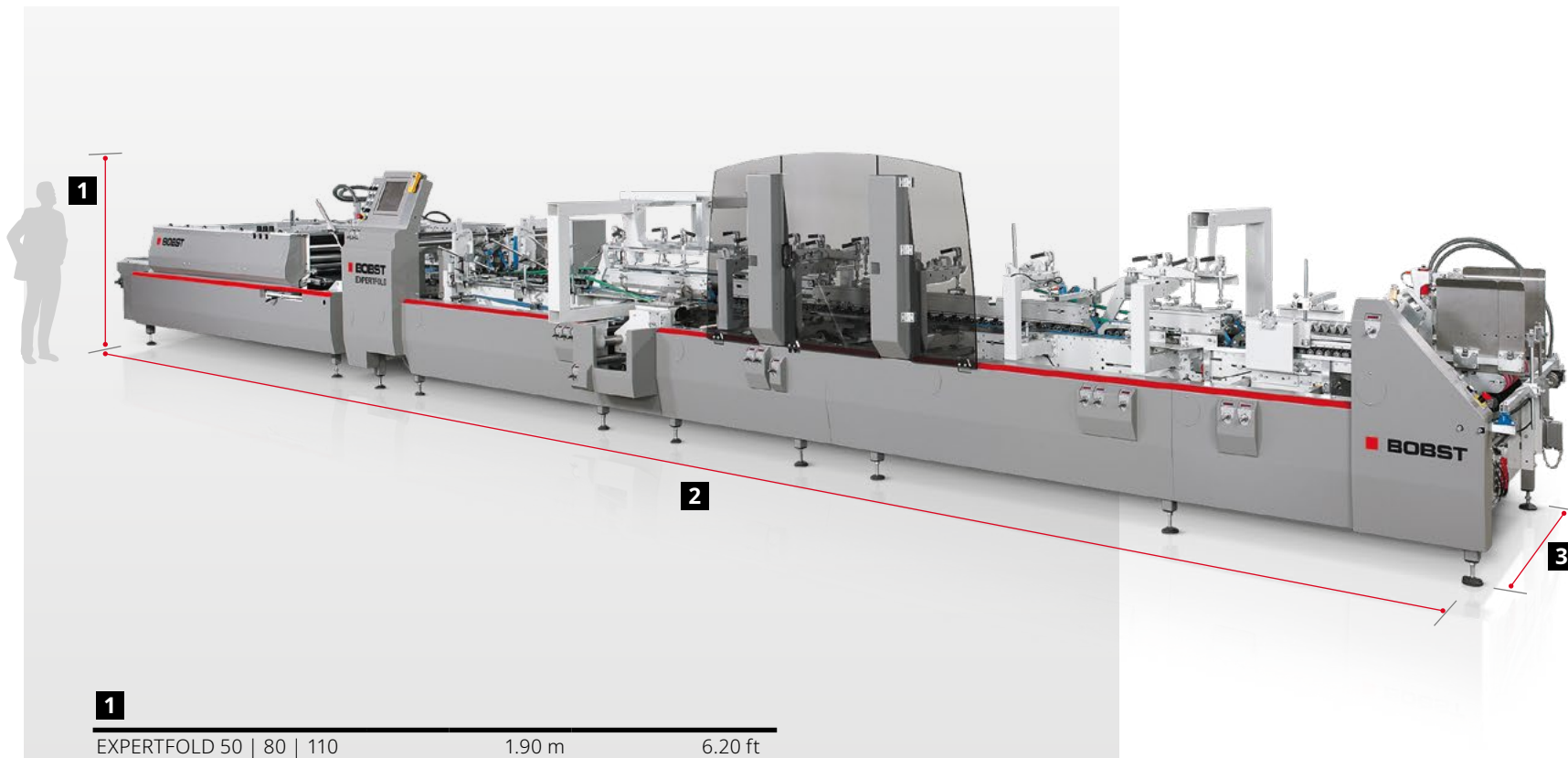
- Allows the saving of up to 5,000 job settings
- Controls all functions of your BOBST machine
- 15" color touch-screen
- Operator-friendly, intuitive setup
- Automated positioning and remote control (CSM version)

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1

EXPERTFOLD 50 80 110	1.90 m	6.20 ft
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2

EXPERTFOLD 50 80 110	A1	12.30 m	40.40 ft*
EXPERTFOLD 50 80 110	A2	13.80 m	45.30 ft*
EXPERTFOLD 110	A3	15.35 m	50.35 ft*

3

EXPERTFOLD 50	1.60 m	5.20 ft
EXPERTFOLD 80	1.90 m	6.20 ft
EXPERTFOLD 110	2.20 m	7.20 ft

*Values may vary according to the configuration.

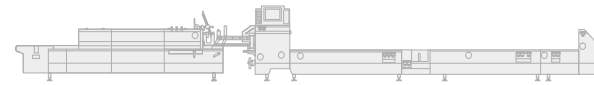
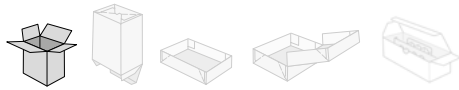
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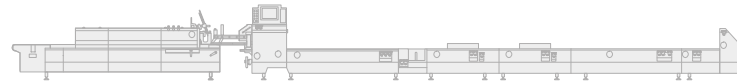
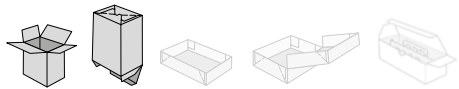
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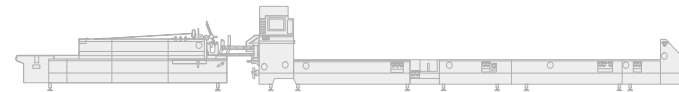
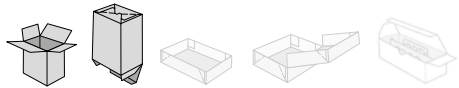
A1 EXPERTFOLD 50 | 80 | 110



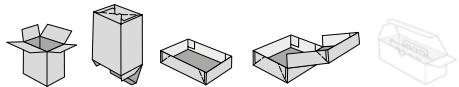
A1 EXPERTFOLD 80 | 110 with SPEEDWAVE



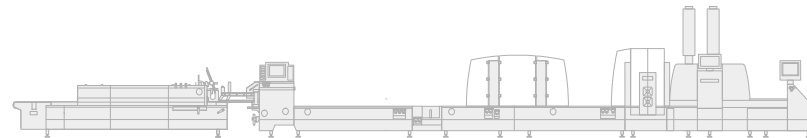
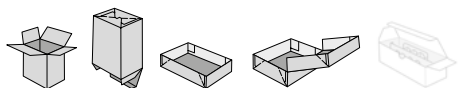
A2 EXPERTFOLD 50 | 80 | 110



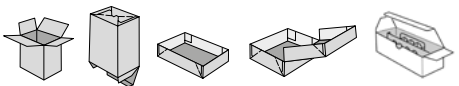
A2 EXPERTFOLD 50 | 80 | 110 with 4 & 6-corner device



A2 EXPERTFOLD 50 | 80 | 110 with 4 & 6-corner device, ACCUBRAILLE and ACCUCHECK



A2 EXPERTFOLD 110 with GYROBOX



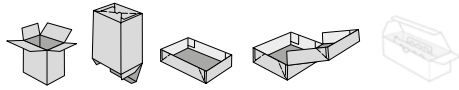
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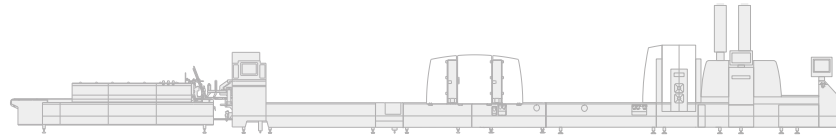
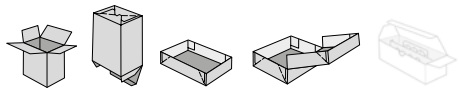
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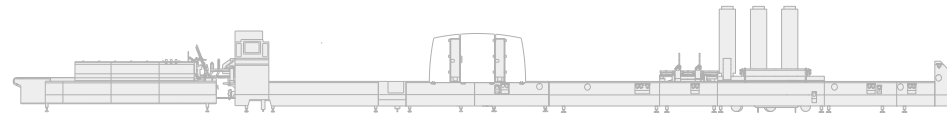
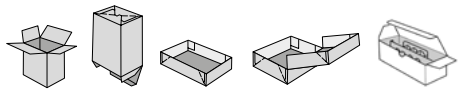
A3 EXPERTFOLD 110



A3 EXPERTFOLD 110 with ACCUBRAILLE and ACCUCHECK



A3 EXPERTFOLD 110 with GYROBOX



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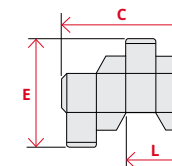
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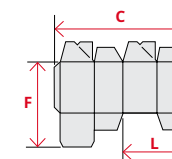
Box sizes

EXPERTFOLD 50 | 80 | 110

Straight line boxes	Min./mm	Min./inch	Max./mm	Max./inch
C	126	4.96	500 800 1,100	19.68 31.49 43.30
E	60	2.36	800 800 800	31.49 31.49 31.49
L	60	2.36	235 385 535	9.25 15.15 21.06
C with minimum folding device G-001	76	3.00		
L with minimum folding device G-001	35	1.37		



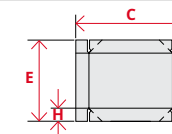
Crash-lock bottom boxes	Min./mm	Min./inch	Max./mm	Max./inch
C	146	5.74	500 800 1,100	19.68 31.49 43.30
F	60	2.36	800 800 800	31.49 31.49 31.49
L	70	2.75	235 385 535	9.25 15.15 21.06



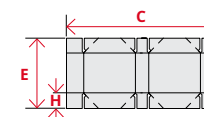
Box sizes

EXPERTFOLD 80 | 110

4-corner boxes	Min./mm	Min./inch	Max./mm	Max./inch
C	120	4.72	800 1,100	31.49 43.30
E	130	5.11	800 800	31.49 31.49
H	20	0.78	150 150	4.48 5.90



6-corner boxes	Min./mm	Min./inch	Max./mm	Max./inch
C	250	9.84	800 1,100	31.49 43.30
E	130	5.11	800 800	31.49 31.49
H	30	1.18	114 150	4.48 5.90



Convertible stock

EXPERTFOLD 50 | 80 | 110

Carton or solid board, up to	800 g/m ²	.049 in
Corrugated board	N-F-E	N-F-E
Thickness of folded box, max.	12 mm	0.47 in
Drive system	m/min	ft/min
Inching speed	20	64
Operating speed adjustable	20 - 450	65 - 1,476

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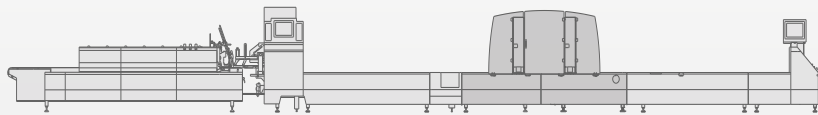
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Extreme versatility

The new multi-purpose **EXPERTFOLD A3 Version**, has been developed to drastically simplify and reduce changeovers on your EXPERTFOLD 110, increasing your productivity and shortening your lead time while maintaining high-quality production. According to the box type, changeovers can be reduced by up to 80%, pushing versatility and efficiency even further.



- Additional combifolder modules for 4- & 6-corner boxes production, drastically reducing tooling changes
- Up to 80% changeover time decrease when changing from crash-lock bottom to 4- & 6-corner settings
- According to box types, changeovers can be done in 5 minutes



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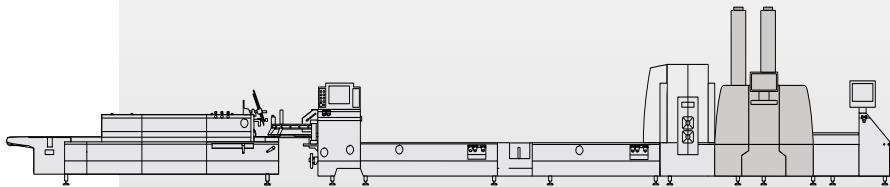
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Zero-fault packaging

> The **new ACCUCHECK** carefully checks carton blanks for defects and guarantees complete quality consistency. Based on the 30 year experience of BOBST REGISTRON® technology, this highly flexible tool allows you to inspect different box areas according to various quality criteria, while remaining easy and quick to operate.



Impeccable results

Faultless boxes

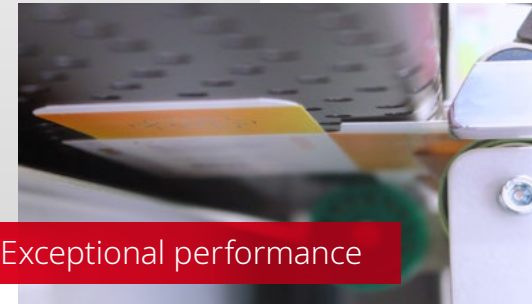
- Ability to deliver zero-defect products
- More than 30 years knowledge in image processing
- Automatic and accurate ejection of faulty boxes at any speed
- Dust elimination device, avoiding unnecessary box rejection and ensuring perfect box quality



Complete quality consistency

Ensuring client satisfaction

- 100% quality controlled production
- Fully integrated into the folding-gluing process
- PDF conformity
- Makes sure clients' quality requests are perfectly met



Exceptional performance

Amazing inspection capabilities

- Fastest quality control inline
- Full inspection capabilities for any format
- Smart text identification using machine learning
- Value-added productivity
- Patented lighting system

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Bespoke quality control

Highly flexible

- Customer-specific inspection modes
- Precise definition of control sensitivity through dedicated zones
- Several operating modes for customized setting and easy operation, to perfectly adapt to any quality criterion
- PDF quality control reporting according to customer validation targets



Cutting costs

Increased efficiency

- In-line system, avoiding an extra step in your production process
- Short and efficient quality control process, cutting running costs of quality checks
- Less waste: eliminates only boxes which do not correspond to specific quality criteria
- Energy-efficient motors



Simple to use

Quick setups

- Inspection parameters can be saved and recalled for quick setups
- Repeat order sets within seconds
- Optional additional screens for full visibility along the production process

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Related products – Technical information

Technical data

ACCUCHECK on EXPERTFOLD 50 | 80 | 110

Inspection zone, up to	400 x 400 mm	15.75 x 15.75 in
With option extension zone increase	800 x 800 mm	31.50 x 31.50 in
Inspection speed, up to (high speed option)	350 m/min. (500 m/min)	1,448 ft/min. (1,640 ft/min).
Device length	1.5 m	4.92 ft

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Inspection capabilities

Inspection capabilities include stable and accurate color measurement, precise register control of print, embossing, foil, cut patterns and enhanced text inspection, regardless of text pose or color as well as advanced control of finishes such as hot foil, embossing or varnish.

Smart print control

- Missing print
- Text error
- Code default
- Color variation



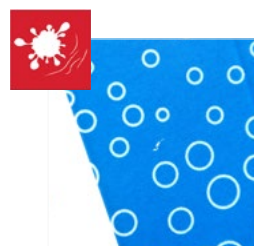
Registration

- Cut to print
- Text alignment
- Foil to print
- Emboss to print



Imperfection

- Splash
- Spot
- Scratch
- Fine line
- Stripe



Integrity

- Carton damage
- Dust
- Oil
- External element



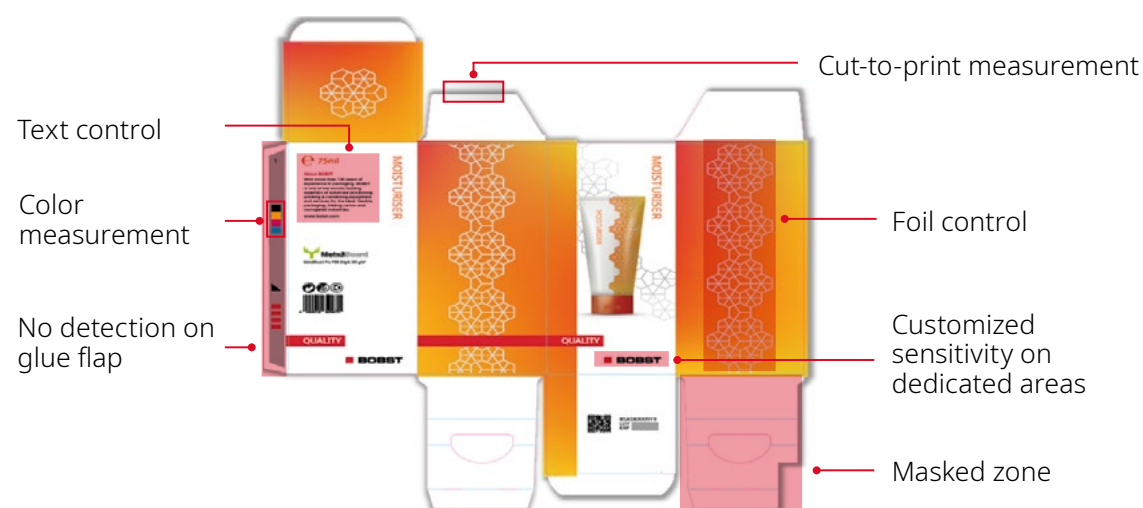
Embellishment

- Missing foil
- Varnish presence
- Embossing absence



Inspection by zone

The global control sensitivity can be adjusted within 3 pre-set quality levels. Moreover, you can customize the blank control areas according to the required defect type and adapt the control sensitivity depending on your needs.



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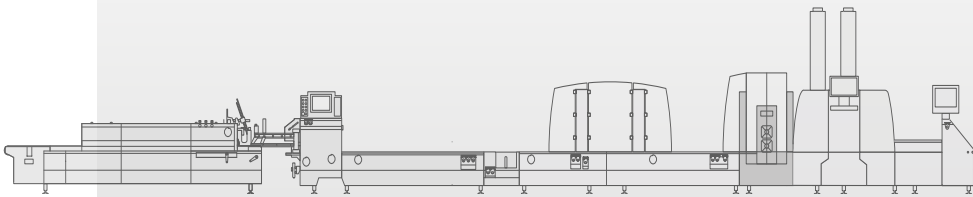
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Guaranteed box compliance

> **ACCUBRAILLE** is a patented additional unit for EXPERTFOLD 50 | 80 | 110. A machine which allows you to emboss braille onto all four panels of a carton, even across the running direction, and to emboss images, letters and/or numbers.



Multiple possibilities



High efficiency



Easy handling

Embossing

- Up to 8 lines and 4 panels, as well as transverse embossing
- Consistent, long-lasting dot definition
- Inline embossing enables smooth feeding of dot-free blanks (no interlocking)

Set-up

- Quick and easy tool mounting system
- Saves extensive set-up time on the die-cutter
- Small footprint
- Cost-effective
- Up to 115,000 b/h

Ergonomics

- Device can be installed on the left and/or right side
- Automatic tool synchronization
- Motorized dot height adjustment
- Embarked doors for perfect safety

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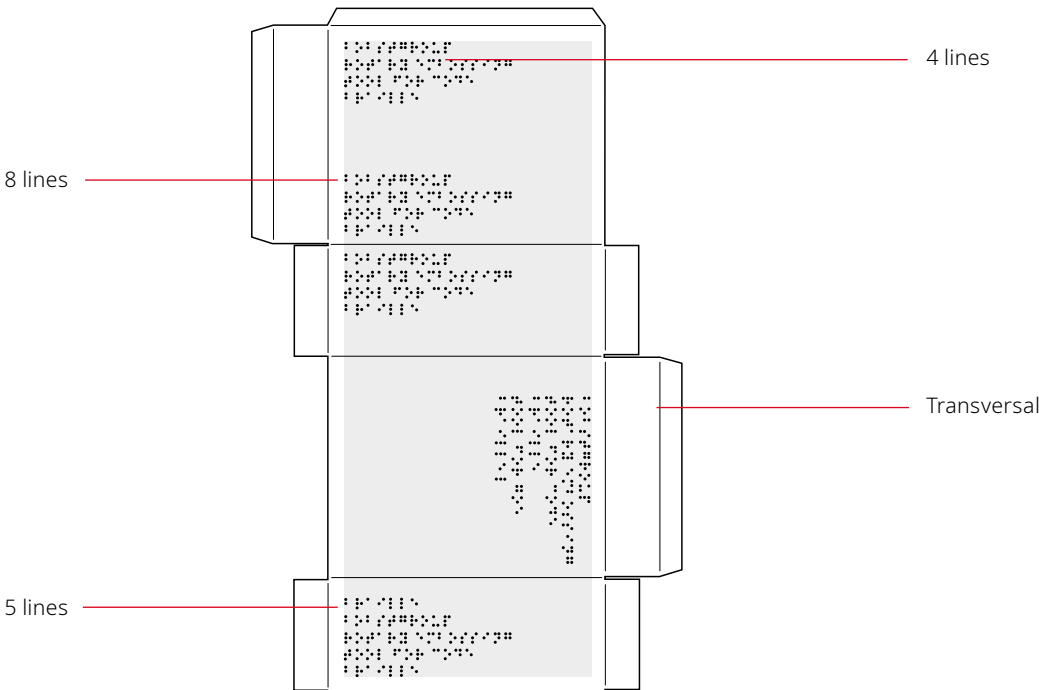
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General data

ACCUBRAILLE on EXPERTFOLD 50 | 80 | 110

Braille	Marburg Medium	
Material	200 - 500 g/m ²	.010 - .023 in
Device	Left and/or right side	
Speed	up to 115,000 b/h	
Device length	1 m	3.28 ft
Device width	1.92 m	6.29 ft

Embossing



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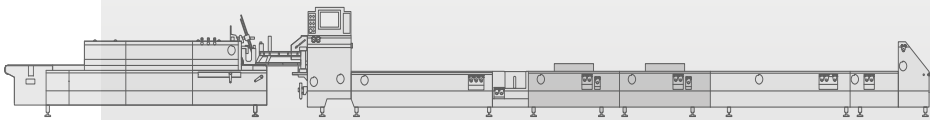
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Crash-locks in a flash

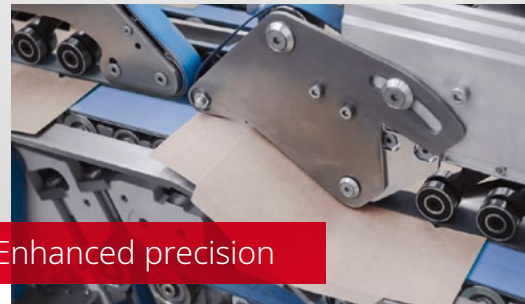
SPEEDWAVE is a BOBST patented device that simplifies the setting of crash-lock and various other special boxes on your EXPERTFOLD 80 | 110, saving you time while simultaneously delivering exceptional folding quality and drastically increasing your productivity.



Easy setting

Set-up

- Greatly reduced setting times
- Highly ergonomic: one button for all settings
- Motorized set-up of the wave
- Synchronized positioning of lower lateral guides and the wave for short setup times
- 80% less tooling to be set in the machine



Enhanced precision

Production

- Exceptional folding quality
- Significantly higher productivity
- Quick and precise motorized set-up
- Graduated scale for precise setting of the wave



Improved functionality

Machine

- Reduced downtime
- Hook-free folding for a more stable folding process throughout the speed range
- Better consistency
- Less noise
- Less maintenance

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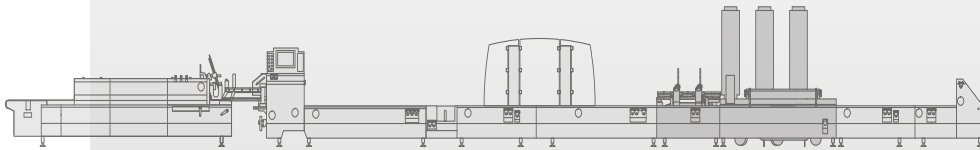
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Simplifying complexity

GYROBOX is a supplementary module for the EXPERTFOLD 110. It revolutionizes the production of complex boxes. Rotating blanks in line between two folding processes, in one single pass. It makes the folding-gluing of complicated carton packaging quick and easy and delivers exceptional end-product quality. GYROBOX boosts the efficiency of your production process.



Efficient and productive

Complex boxes in one go

- Rotates blanks from 0° to 180° in any direction
- Produces complex boxes, such as double-folded boxes, rapidly and in one single pass
- Simplifies the production process and cuts down costs



Easy setting

Production

- Simple to set-up
- Can be left in line, even when not needed
- No hindrance and no loss of speed when running standard boxes



High-quality speciality boxes

Versatility

- Superb quality of the final product
- Maximizes creativity, productivity and efficiency
- Increases diversification, flexibility
- Opens up new markets

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Dimensions

GYROBOX on EXPERTFOLD 110 A2

Length	20.30 m	66.60 ft
Width	2.70 m	8.85 ft
Height	2.30 m	7.54 ft

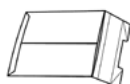
Convertible stock

Carton, solid board and corrugated board	as for EXPERTFOLD	
Format	depending on board quality and weight	

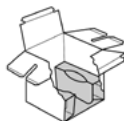
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Operating speed with GYROBOX in use	250 m/min	820 ft/min
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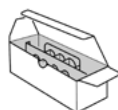
Additional box capabilities (depending on configuration)



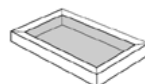
Envelope with side flaps



Box with inner holders



Partition boxes



Double-wall box



Reinforced crash-lock
bottom box

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Complete flexibility

WONDERFOLD is a motorized hook which allows to perfectly fold independent rear flaps. Lightweight and movable, it is simple and easy to install in the machine. Ultra versatile, it increases the folding abilities of your folder-gluer and delivers an excellent return on investment.

This device can be installed anywhere on the machine, giving you more flexibility and increasing the versatility of your box production.



Uncomplicated

Set-up

- Standalone
- Several units can be installed in the same machine
- Installation of the electrical cabinet with a magnet, so it can be moved wherever it is needed
- Easy to retrofit in an existing machine



Versatile

Multifunctionality

- Reversability of the hook - can be used left or right
- Can be used on top to guarantee perfect control of the box when folding back flaps
- Suited for boxes with apertures

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> **EASYFEEDER / BATCH INVERTER 4**

For continuous and faster feeding of blanks. Makes feeding easier and simpler, boosting production and reducing cost.



> **CARTONPACK 4**

For the highest productivity: allows you to pack a wide range of boxes into shipping containers with speed and precision.



> **HANDYFEEDER**

Prefeeder provides gentle feeding for delicate blanks, especially clear boxes, and a superior, quality finished product.



> **HANDYPACK GT**

An unrivalled multipurpose tool for fast and easy carton collection using minimum staff at the delivery.

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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

[> LEARN MORE](#)

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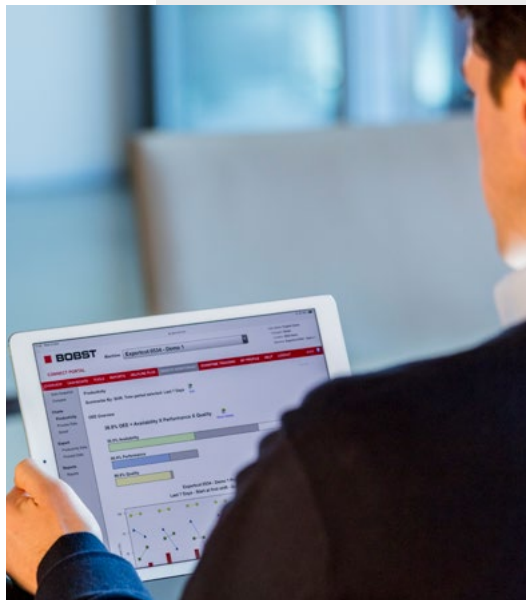
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Switch on digital transformation

BOBST Connected Services ensures your business is ready for the changing world of digital manufacturing. Our range of apps and technical support brings full connectivity to your equipment and processes – providing you with a wealth of real-time data, analytical tools and expertise – helping you work smarter and more productively.



Helpline Plus & Premium*

- Remote access intervention, with BOBST technicians
- Expert support, eight hours a day, five days a week
- Maintain production, reduce callouts by 80%

Helpline Plus & Premium* AR

- Enhanced remote assistance with Augmented Reality
- Visual instructions right in front of you
- Available for internal use

*24/7 support in selected areas.

Connect Portal

- User friendly web portal containing equipment data, reports and analysis
- Access insights on the go with Mobile Portal from your smartphone

Remote Monitoring

- Real-time production KPIs
- Alerts and notifications
- Enabling control and decision making

Downtime Tracking

- Track downtime and understand the root causes
- Enabling continuous improvement in productivity MES / ERP interface
- Web-based API for simple equipment data interface
- Data link and ERP Interface protocols for on-site direct integration

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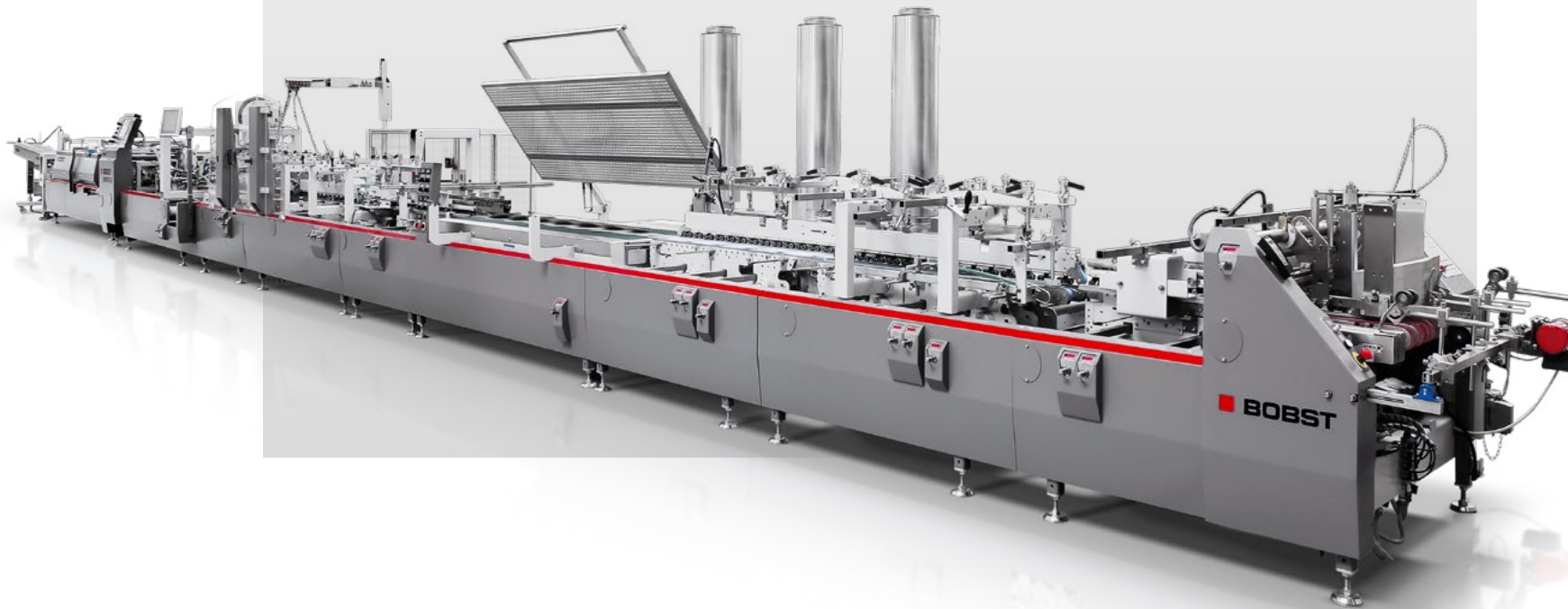
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Outstanding efficiency

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