

**Fast, versatile,  
easy to run**



**DIE-CUTTING | FOLDING CARTON**

**VISIONCUT 106 LE | PE | LER**

At a glance

# Empowering flexibility

When your vision is to achieve more in die-cutting, improved productivity, lower costs or higher finished product quality, **VISIONCUT 106** will make it happen. Now, with the new VISIONCUT models, you can choose to produce piles of full die-cut and stripped sheets or perfectly separated individual cartons ready for downstream processing. Equipped with contactless sheet registration systems, **VISIONCUT 106** is packed with ground breaking ideas. Along with its perfect sheet feeding it not only improves registration quality but also productivity.

**BOBST**

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What you need,  
when you need it

First-rate  
blanks

Maximum uptime,  
minimum effort



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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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## Benefits and features 1 - 3



### Independent and intelligent

#### SMART FEEDER

- Manual non-stop feeder on demand for continuous production while changing piles, optimizing net output
- Continuous and stable sheet feeding with perfect material positioning and flow
- Automatic lateral pile tray correction controlled by the LATERAL REGISTER or POWER REGISTER



### Continuous feeding

#### Feed table

- Designed to ensure smooth sheet introduction, lateral ramps aid consistent feeding
- Feed table plate reduces static and delivers smoother sheet travel
- Upper frame with pneumatic lifting device reduces workload



### Contactless sheet registration

#### Optical LATERAL REGISTER

- For contact-less lateral sheet registration by identifying sheet edge, register or print mark
- Registration can be made on either side of the sheet for any type of material
- With SMART FEEDER, the system delivers optimized sheet feeding and improved finished product quality

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Fewer stops  
better quality

### POWER REGISTER 2

- No sheet-edge contact registration on VISIONCUT 106 PE, reducing feed-related stops and assuring 100% quality
- Cameras detecting sheet edge, register marks or print itself ensuring perfect cut-to-print register
- Unique bottom print registration feature on demand for higher flexibility



User friendly

### Advanced HMI SPHERE

- Large 22" full color Human Machine Interface (HMI)
- 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




Unique die-cutting

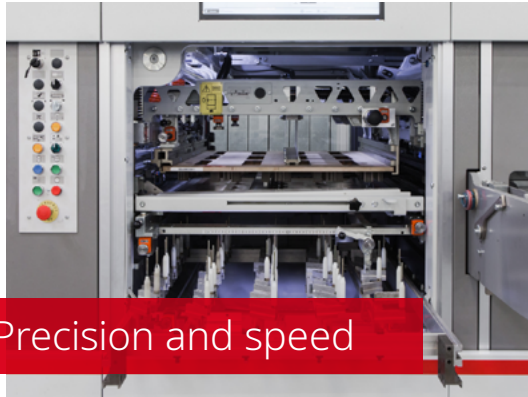
### AUTOPLATEN®

- Smoothest sheet acceleration drastically limiting number and size of nicks
- Micrometric adjustment of supporting plate
- Quick Lock die-cutting chase for rapid and easy setting
- Motorized cutting force adjustment

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### Precision and speed

#### Stripping station

- Even delicate or light materials are stripped perfectly at high speed
- Quick Lock frame for dedicated tools assuring fast job changeover
- Gripper bar opening for easy quality control during set-up
- Self-cleaning sheet braking device reducing operator intervention



### Continuous production

#### Pile Delivery on LE | PE

- Optional automatic non-stop delivery for continuous production
- Perfect stacking of all types and sizes of materials
- Braking brush and blower sheet hold-down device controlled by the HMI, ensuring ideal shape of the pile
- Easy setting of front and side joggles according to CENTERLINE®



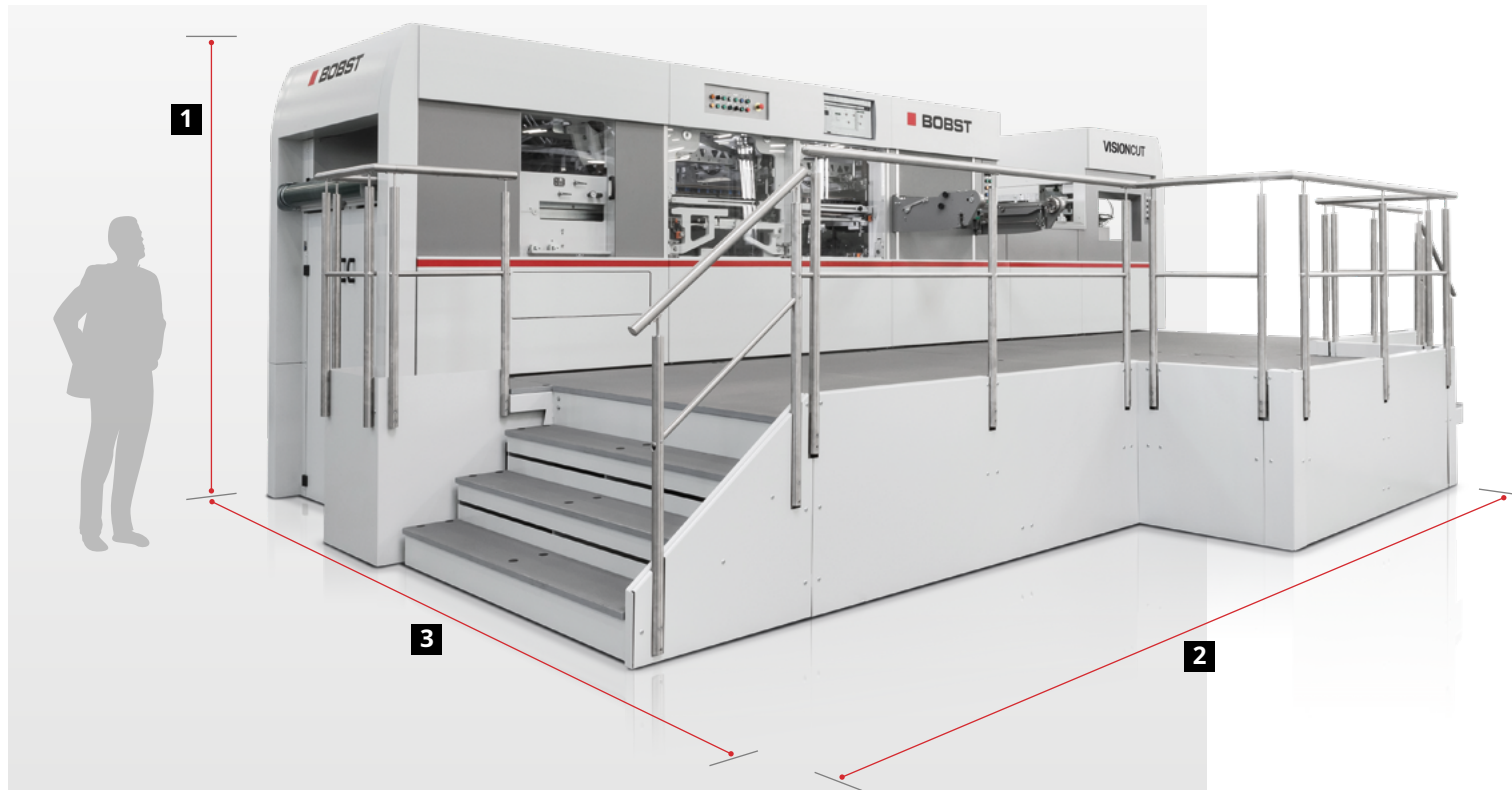
### Stressless changeovers

#### In-line blanking on LER

- Automatic non-stop delivery allowing continuous production
- Fully automatic sheet inserter provides perfectly stable blank staking of counted batches
- Automatic Quick Lock system for the upper tool integrated in the machine

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**1**

VISIONCUT 106 LE   PE   LER	3.00 m	9.84 ft
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**2**

VISIONCUT 106 LE   PE	7.18 m	23.56 ft*
VISIONCUT LER	9.07 m	29.76 ft*

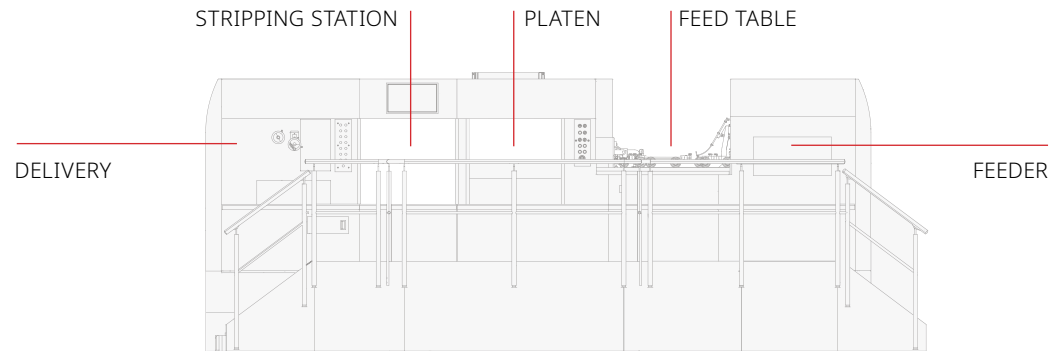
**3**

VISIONCUT 106 LE   PE	5.83 m	19.13 ft*
VISIONCUT LER	6.60 m	21.65 ft*

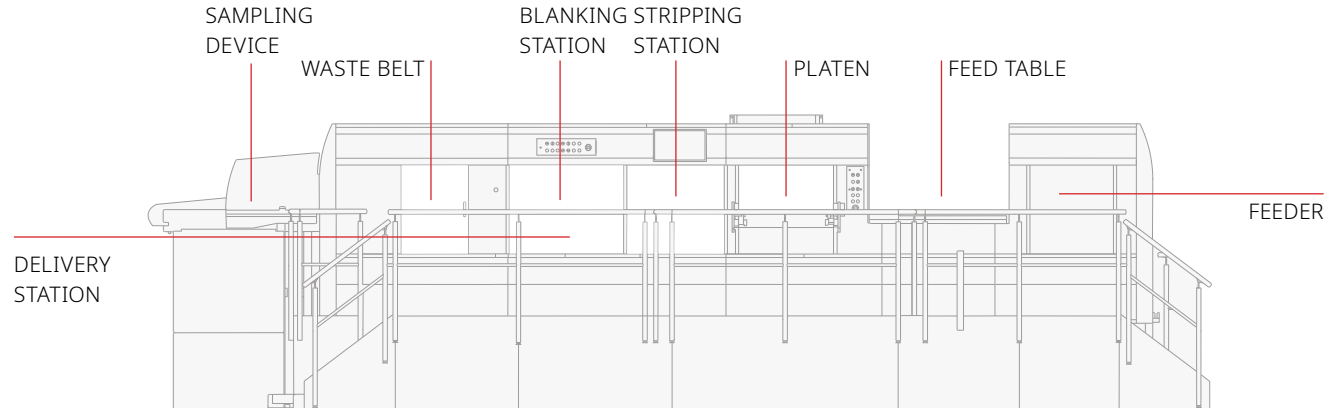
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## VISIONCUT 106 LE | PE



## VISIONCUT 106 LER



**L** LATERAL REGISTER  
**E** Stripping  
**R** Blanking  
**P** POWER REGISTER

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### Convertible stock

#### VISIONCUT 106 LE | PE | LER

Paper, min.	70 g/m <sup>2</sup>	.004 in
Carton or solid board, up to	2,000 g/m <sup>2</sup>	.060 in
Corrugated board, up to	4 mm	.160 in

### Capability

Sheet size, max.	1,060 x 760 mm	41.73 x 29.92 in
Sheet size, min.	400 x 350 mm	15.74 x 13.77 in
Production speed, up to	8,000 s/h	8,000 s/h
with speed upgrade option*	9,000 s/h	9,000 s/h
Cutting force, up to	2.6 MN	286 US ton

\*Speed plus option available only on LE | PE

### Die-cutting

With gripper margin, max.	1,060 x 746 mm	41.73 x 29.37 in
Embossing size, max.	1,060 x 730 mm	41.73 x 28.74 in
Gripper margin	9 - 17 mm	.35 - .67 in
Height of cutting rules	23.8 mm	.94 in

### Pile height

Feeder, max.	1,400   1,400   1,820 mm	55   55   71 in
Feeder, max. with non-stop, manual	1,100   1,100   1,520 mm	43   43   60 in
Delivery, max.	1,235   1,235   1,550 mm	48   48   61 in

### Pile height - Elevated machine

#### VISIONCUT 106 LE | PE

Feeder, max.	1,820 mm	72 in
Feeder, max. with non-stop, manual	1,520 mm	60 in
Delivery, max.	1,655 mm	65 in

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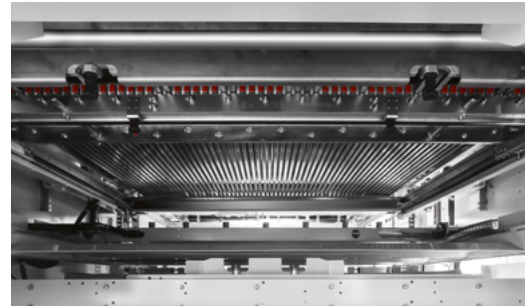
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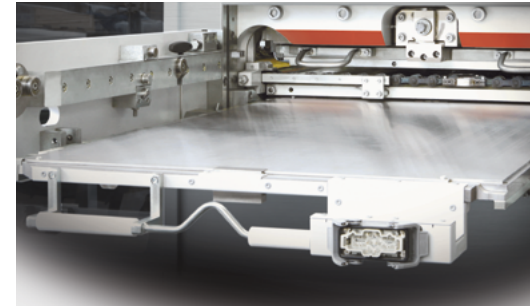
### **CHASE CHANGER**

This pivoting presetting table allows you to prepare a second job during production, cutting on-machine makeready time to one minute.



### **> FLEX RACK**

Versatile, quick and simple to set-up. Remarkable savings for every single order. Suitable for different layouts and optimal support of even very small blanks.




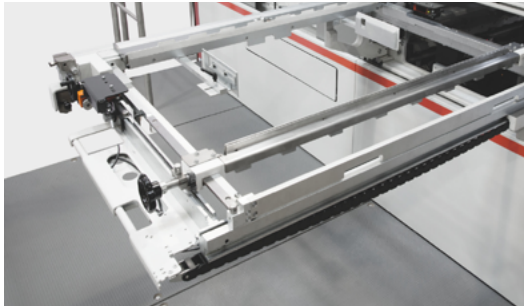
### **HOT PLAST system**

Optional system for diecutting synthetic materials with temperatures up to 120 °C allowing highest cutting and creasing quality.

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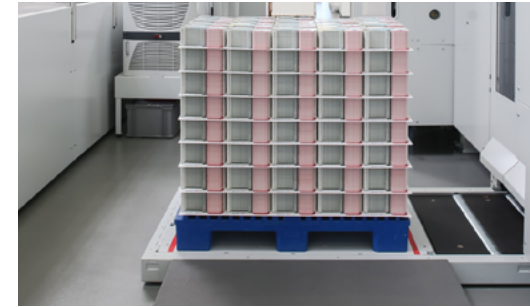
### Full sheet delivery system on LER

Designed for in-plant flexibility, the system allows you to build up a portfolio of blank separating work while still being able to run unblanked jobs that are simply die-cut and stripped.



### SAMPLING DEVICE

This ingenious device, only available on LER version, delivers an automated sample sheet during production, permitting permanent quality control, ensuring impeccable finished product quality.




### Automatic pallet changing device

In combination with the auto non-stop device on LER, the conveyor moves the full blanked pile out of the delivery while production continues. An empty pallet is automatically moved in for the next cycle.

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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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# Full tooling process optimization

In this challenging market, great tooling provides the consistency that you and your customer need, from the first to the last box of an order. BOBST offers the most advanced tools and equipment for die-making and converting processes so you can exceed customer quality and turnaround expectations, all while maximizing uptime and profitability.



For more information on advanced tooling and die-making products, please contact our experts.

[> LEARN MORE](#)

## World-class die-cutting

- Forward thinking die-making equipment and software
- Shorter lead times without compromising quality
- Create exceptionally precise tooling for every converting process

## Certified Die-Makers

The Certified Die-Makers Program supports and promotes world-class local die-makers. Choosing a certified die-maker guarantees the best local tooling solutions, with BOBST supporting the ongoing innovation, digitalization and quality improvements of these specialists.



## Enhanced converting

- Industry-leading range of equipment
- Made for all cutting, stripping and blanking stations
- Shortens set-up and changeover times

## VISIONCUT 106 LE | PE | LER

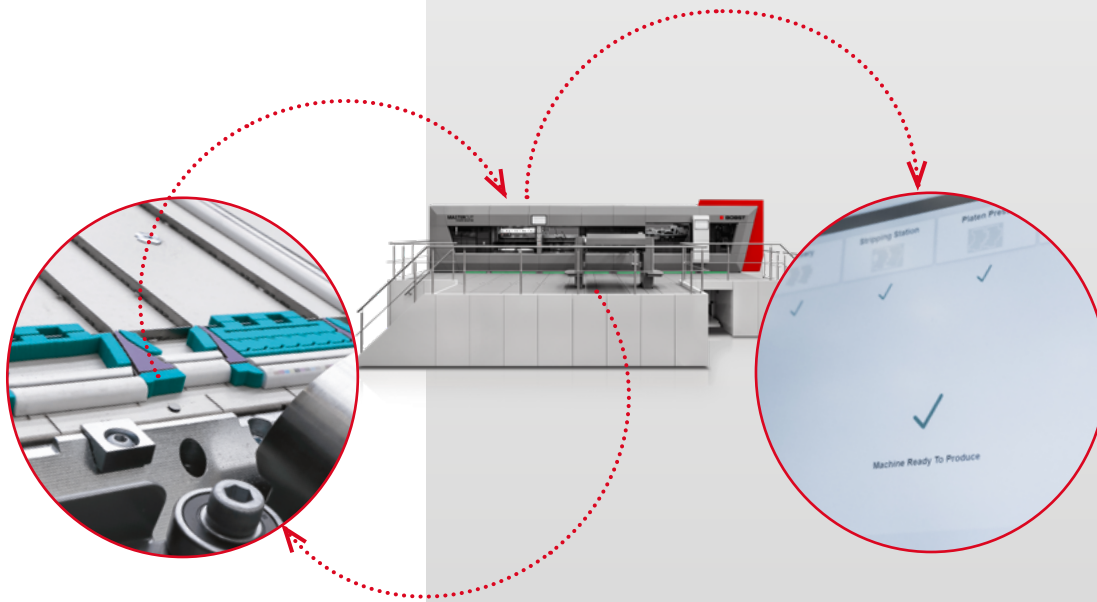
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# Digital technology for smarter converting

TooLink brings converting into the digital world. It is the new platform that connects your machines and tooling, and brings together your entire converting process to transform production flexibility, job turnaround times, and overall productivity.

A BOBST die-cutter can be data-chipped with TooLink, creating a unique digital ID that enables instant recognition through your machine HMI, and provides a production-ready job recipe. TooLink helps to simplify and automate the production process, putting you ahead of the curve for smart and more sustainable converting.



## Extensive benefits

- Saving up to 15 minutes in job changeover times, increasing efficiency and flexibility
- More consistency and continuity in the job recipe management for better product quality
- Fewer setup adjustments for increased cost-efficiency and sustainability


## Technology for the future

- Industry-leading digital technology
- 2 sets of  $\geq$  High Performance Tooling - including TooLink chips - for machines with blanking
- Ready for BOBST Connect platform, allowing an end-to-end process overview, for complete production process management and optimization

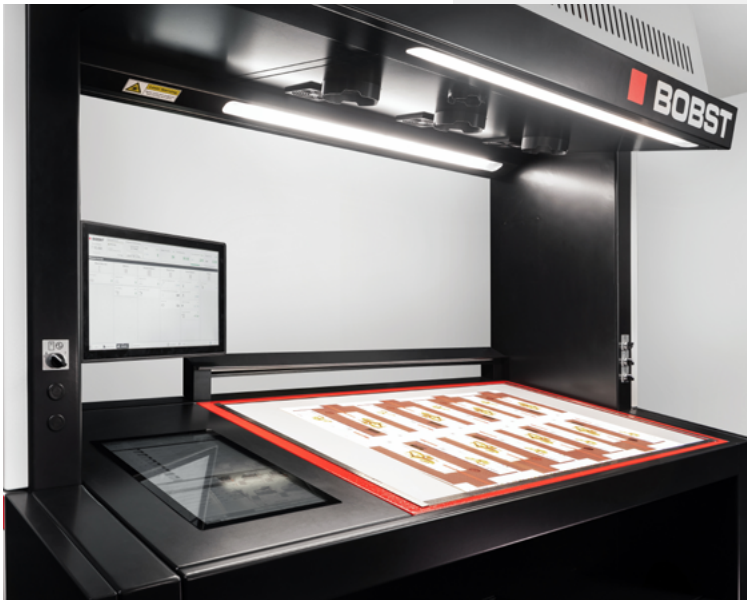
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# Transforming the quality control process



The **Digital Inspection Table Folding Carton 106** enables a fully digital and paperless quality control process with instantly projected digital overlays. Quality processes across printing, cut to print, creasing, patching, hot foil stamping, Braille, embossing and quality reporting are improved. Work smarter and faster, with productivity boosted by a reduction in makeready times and errors.

## Extensive benefits

### Improving profitability and productivity

- Reducing expensive recalls and reruns
- Cutting makeready time
- Data driven and continuous production improvements and quality

### Digital Quality Control

- Fast, accurate, predictable and reliable quality
- Impactful, data-driven insights drive improvements

- Optimize manual processes with digital workflows
- Significant savings, reducing costs and increasing sustainability


## Customer confidence

- Deliver consistent high quality
- A step closer to delivering zero-fault packaging to your customers
- Maximize relationships with new and existing clients

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