

**100% brand protection**



**HOT FOIL STAMPING**

**VISIONFOIL 104 H**

At a glance

# Empowering flexibility

**BOBST**

**VISIONFOIL 104 H** has been designed to deliver ultra-precise hologram application and give you and your clients a distinctive advantage in the fight against counterfeiters. It is the perfect tool for placing holographic protection onto the packaging of almost any product and just as effortlessly can apply holograms or metal stripes to banknotes, visas, vouchers and tickets.

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Creating  
**inimitable boxes**

Delivering  
**value and precision**

Efficient  
and **cost-saving**

**REQUEST  
CONSULTING**

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# Creating value

**BOBST innovations**  
are driven by customer  
and brand owner needs.

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## 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.

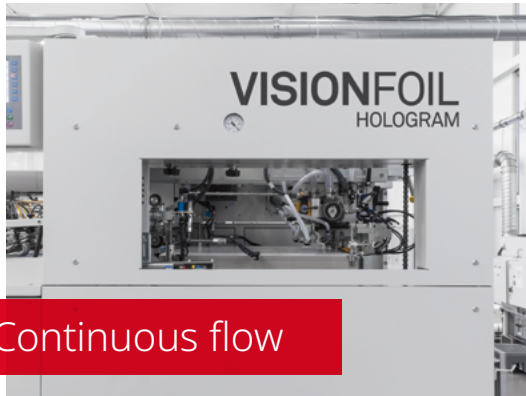


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### Continuous flow

#### Feeder

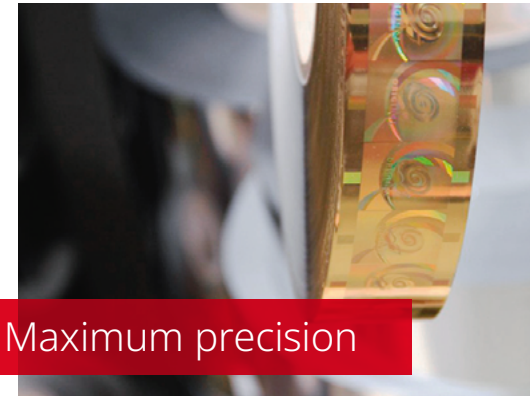
- Handles a great variety of materials
- Honeycomb feeding table, belts and anti-static steel plate guarantee ideal material flow
- Controllable sheet arrival for perfect synchronization of sheet arrival and reduction of machine stoppages



### Unequaled foil control

#### Internal foil unwinder

- A short, in-line foil path means high-precision hologram positioning
- Six easily accessible advance shafts driven by independent motors for maximum control
- Virtually no stops due to foil breaks
- No adjustments needed during production



### Maximum precision

#### REGISTRON® cameras

- Recognizes all types of holograms (2-D, 2-D/2-D, 3-D, 2D/3D and multiplexed) as well as diffraction and regular foil
- Precise location of hologram on the foil guarantees perfect placement
- Handles holograms from 10 to 170 mm in width

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Fast and perfect

### Shim line device

- Image treatment software detects shim lines
- Foil advance is calculated to avoid shim lines and allow for accurate register at full running speed
- REGISTRON® cameras permit the handling of foils with complex structures such as diffractive foils



Unique stamping

### AUTOPLATEN® concept

- The most precise and stable stamping force available
- Double cam gripper bar advance system ensuring extremely smooth sheet transportation, even of light paper
- Heated upper beam for superb foiling quality
- Honeycomb chase for precise positioning of dies



Intuitive and efficient

### BOBST electronics

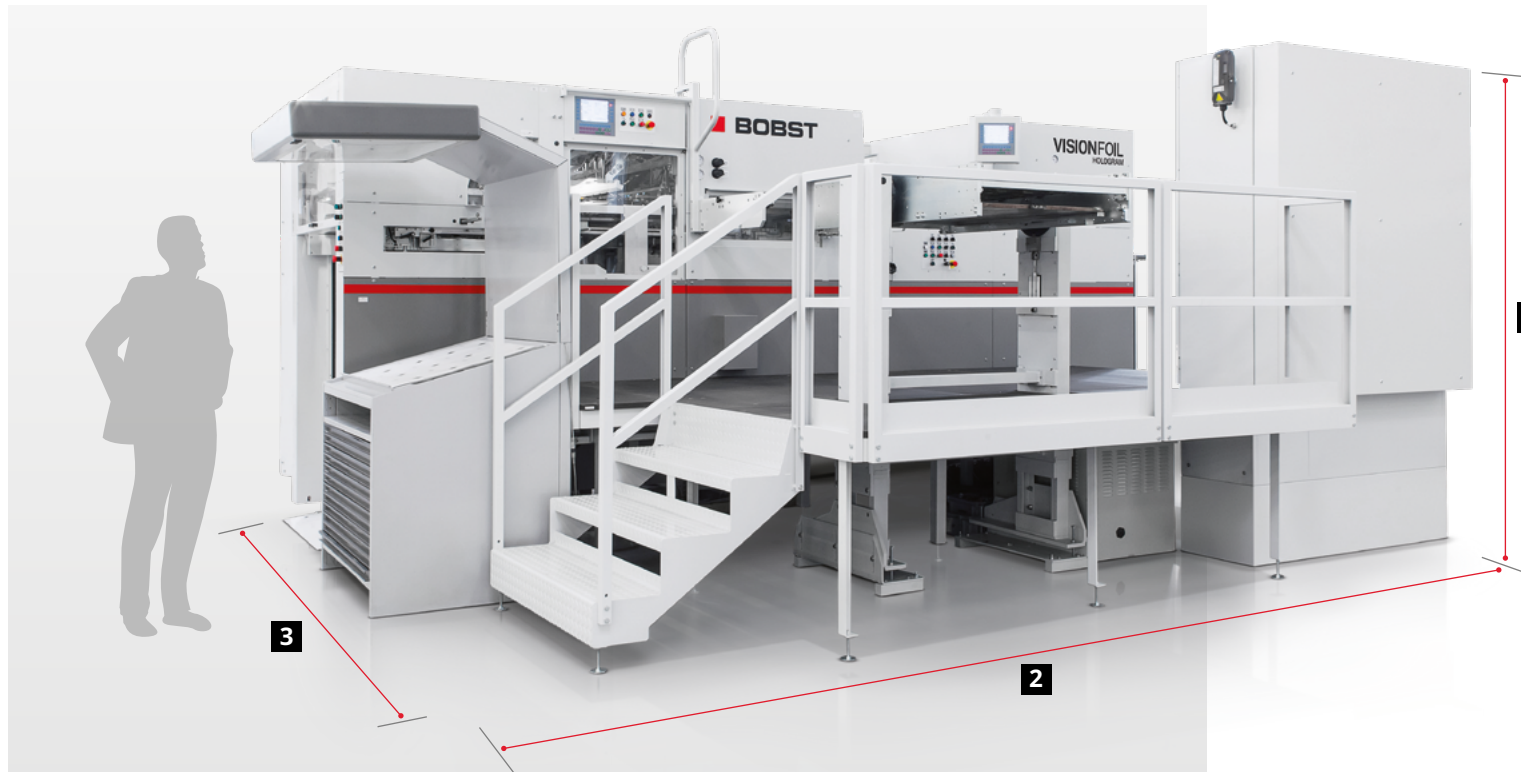
- BOBST CUBE for easy control of machine settings and foil functions
- Optional MSS (Machine Supervision System) console for effective production data management
- OACS (Optimal Advance Computing System) for calculating optimal foil advance, ensuring important savings in foil use

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<b>1</b>	2.20 m	7.21 ft*
<b>2</b>	6.00 m	19.68 ft*
<b>3</b>	6.50 m	21.32 ft*

\*Values may vary according to the configuration.

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### Convertible stock\*

	VISIONFOIL 104 H	
Paper, min.	80 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

\*Depending on quality

### Capability

Sheet size, max.	1,040 x 740 mm	40.94 x 29.13 in
Sheet size, min.	400 x 350 mm	15.74 x 13.78 in
Stamping and embossing size, max.	1,010 x 702 mm	39.76 x 27.63 in
Production speed, up to	7,500 s/h	7,500 s/h
Stamping force, up to	2.6 MN	286 US ton
on request	3.0 MN	330 US ton

### Heatable beam

Adjustable temperature	20 - 160 °C	70 - 320 °F
Zones individually controlled	12	12

### Hot foil stamping equipment

Reel diameter, max.	250 mm	9.84 in
Web width	25 - 1,020 mm	1 - 40.15 in
Web advance shafts		
basic	2	2
option	4	4

### Pile height


Feeder, max.		
normal mode	1,400 (1,800)* mm	55.11 (70.86)* in
non-stop, manual	1,100 (1,500)* mm	43.30 (59.05)* in
Delivery, max.	1,100 (1,500)* mm	43.30 (59.05)* in

\*Heights with maximum machine elevation

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## Related products



### **Pre-setting table**

Allows the preparation of a second job during production, reducing machine makeready time and increasing the time available to run production.



### **CHASE CHANGER**

A must for rapid job changeover, this enables a single operator to exchange the honeycomb or upper chase quickly and safely.

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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.

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## 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

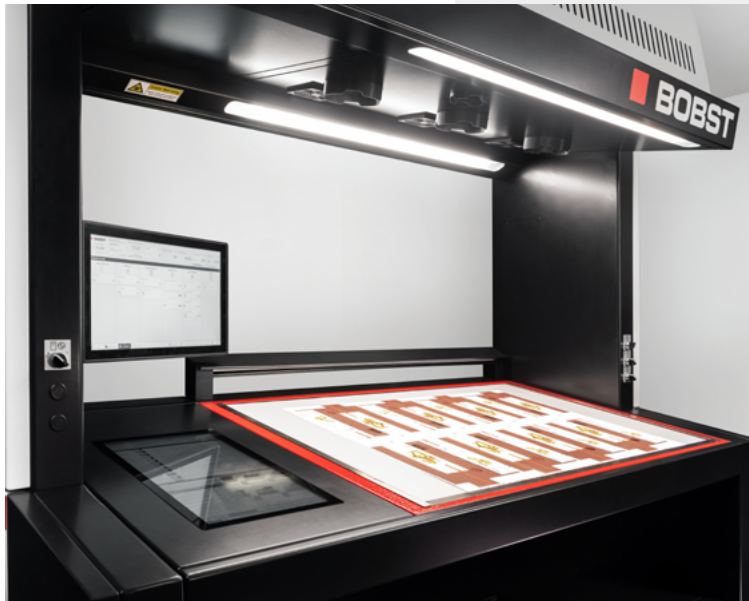
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# Transforming the quality control process



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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