

Superb foiling and embossing



HOT FOIL STAMPING

EXPERTFOIL 104 FR

At a glance

Empowering flexibility

This hot foil stamping press was designed to give you the qualities you expect: unrivalled accuracy, superb productivity and unbeatable box quality - everything you need to produce simply brilliant results.



Top quality
boxes

Endlessly
versatile

Working
round the clock

BOBST

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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.

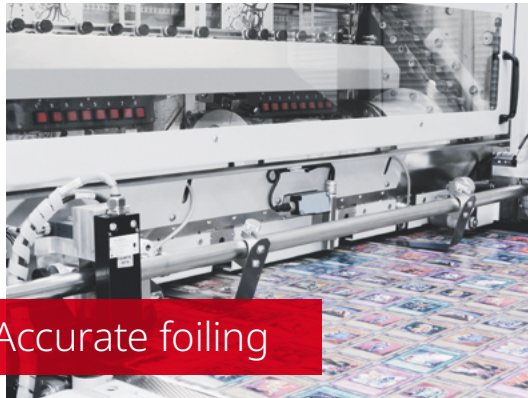


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Accurate foiling

Foil register

- Foil application and/or embossing in perfect register with the print on the sheet
- Highly sensitive front and lateral cameras read dedicated print register marks
- Dynamic adjustment for perfect accuracy and superb definition



Ease of use

BOBST electronics

- BOBST Human Machine Interface (HMI) 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



Matchless quality

Hologram & shim line device

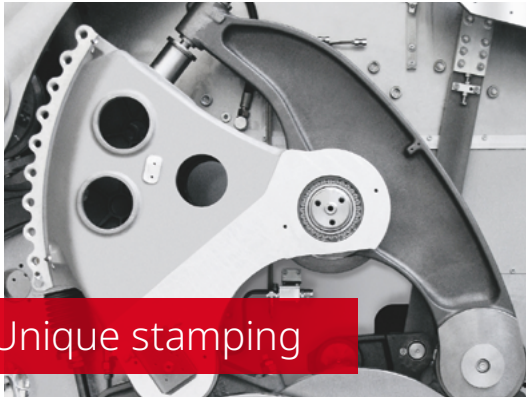
- Ultimate hologram application technology with REGISTRON® camera, narrow guides and 20 mm drive belts
- Handles diffractive foil with complex structured images
- Accurate register at full running speed for matchless quality of finished product

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Unique stamping

AUTOPLATEN® concept

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



Shortest set-up times

External foil unwinding system

- Patented external foil unwinding cabinet for easy access
- Unique ergonomics allow for the shortest set-up times
- Infinite production possibilities due to independently driven reels
- Virtually no stops due to foil breaks
- No adjustments needed during production



Versatile productivity

Feeder

- Handle 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

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1	2.20 m	8 ft*
2	6.00 m	20 ft*
3	6.50 m	22 ft*

*Values may vary according to the configuration.

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Convertible stock

	80 g/m ²	.004 in
Paper, min.		
Carton or solid board, up to	1,000 g/m ²	.030 in
Corrugated board, up to	1.5 mm	.060 in

Capability

	1,040 x 740 mm	40.94 x 29.13 in
Sheet size, max.		
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	8,000 s/h	8,000 s/h
Stamping force, up to	3 MN	330 US ton

Heatable beam

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

Hot foil stamping equipment

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

Pile height

	1,400 (1,800)* mm	55.11 (70.86)* in
Feeder, max.		
normal mode		
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

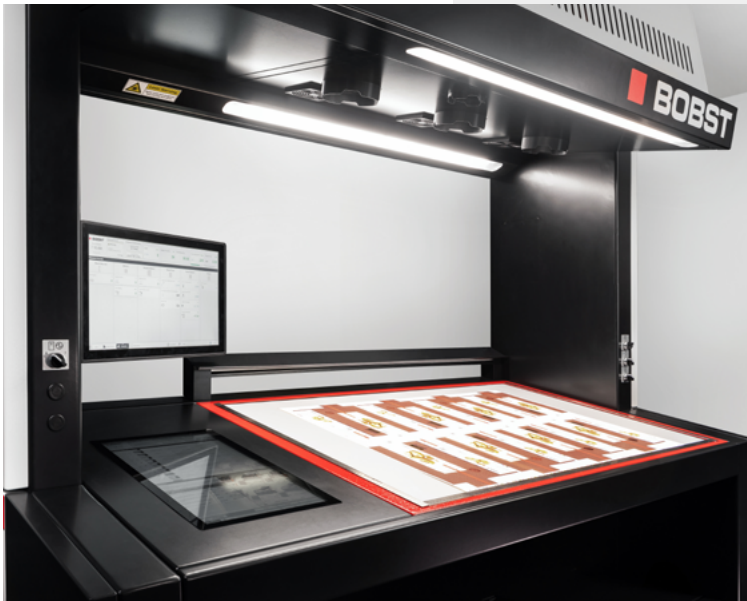
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Transforming the quality control process



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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