

Premium cross and inline foiling



HOT FOIL STAMPING

NOVAFOIL 106

At a glance

BOBST

Empowering flexibility

Equipped for inline and cross foiling, **NOVAFOIL 106** features a specially developed hot foil stamping section. A prolonged dwell time combined with an even temperature and increased pressure ensure an amazing embellishment quality. Easy setups and economic foil use allow maximum uptime and more cost-efficient production. Versatile, reliable and long-lasting, this hot foil stamper gives an excellent return on investment and keeps customers happy, while enabling the development of new business opportunities.

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Efficient, versatile
and cost effective

High-quality
embellishment

Operator-friendly
ergonomics

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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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Precise and consistent

Feeder

- Latest generation feeder head with suction units for smooth feeding
- Stainless-steel feeding table, belts and anti-static steel plate guarantee ideal material flow
- Controllable sheet arrival for perfect synchronization and reduction of machine stoppages



High efficiency

HMI SPHERE with OACS Graphix

- Intuitive navigation and automatic setups for repeat orders
- Quick setups and changeovers for more machine uptime
- Optional OACS (Optimal Advance Computing System) for calculating optimal foil advance, ensuring important savings in foil use and setup time



One-pass productivity

Cross foiling

- The optional cross foil module with two advance shafts, combined with inline foil supply with up to three advance shafts, offers maximum versatility
- Allows application of intricate designs
- Optional hologram for two advance shafts

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Unique embellishment

Platen section

- Dedicated hot foil stamping section
- Increased dwell time, high stamping pressure and stable temperature guarantee exceptional embellishment quality
- Reduced patching time, faster setup
- Impressive uniformity and precision



Reliable

Efficient production

- Powerful gripper bar advance system for smooth sheet transport
- Easy and safe sampling for quality control during production
- Great machine stability, ensuring production continuity and product quality



User-friendly

Ergonomics

- Easy access to all functions and settings, including hot foil stamping area
- Pivoting foil unwinding unit for fast and easy roll change
- Optional lift to easily load heavy rolls
- Small footprint, compact machine

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1	NOVAFOIL 106	
Height	3.2 m	11 ft*
2		
Length	7.7 m	25 ft*
3		
Width	6.7 m	22 ft*

*Values may vary according to configuration.

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Convertible stock*	NOVAFOIL 106	
Paper, min	80 g/m ²	.004 in
Carton or solid board, up to	2,000 g/m ²	.060 in
Corrugated board, up to	3 mm	.120 in

*Carton acceptable warp : 4% of the widest sheet

Capability

Sheet size, max	1,060 x 760 mm	41.73 x 29.92 in
Sheet size, min	400 x 350 mm	15.75 x 13.78 in
Stamping and embossing size, max	1,052 x 742 mm	41.42 x 29.21 in
Cutting die standard 3B size, max	1,070 x 770 mm	42.12 x 30.31 in
Production speed, up to	7,000 s/h*	7,000 s/h
Stamping force, up to	100 FTU**	100 FTU

*Achievable production speed depends among other things on the complexity of the job layout and the combination of roll width, roll diameter and foil advance in cross and running direction.

**Foil touch units.

Heatable beam

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

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Foil supply module

Reel diameter, max.	350 mm	13.75 in
Reels hub diameter	25 / 75 mm	1 / 3 in
Web width	25 - 1,060 mm	1 - 41.73 in
Web advance shafts		
basic	2	2
option	1	1
Programme advance, up to	760 mm	29.92 in

Foil supply module cross foil

Reel diameter, max.	250 mm	10 in
Reel hub diameter	25 / 76 mm	1 / 3 in
Web width	25 - 760 mm	1 - 29.92 in
Web advance shafts		
basic	1	1
option	1	1
Programme advance, up to	1,060 mm	41.73 in

Pile height


Feeder, max.		
normal mode	1,400 (1,800)* mm	55 (71)* in
non-stop, manual	1,100 (1,520)* mm	43 (59)* in
Delivery, max.	1,220 (1,620)* mm	48 (64)* in

*Height with maximum machine elevation

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Related products



CHASE CHANGER

This pivotable presetting table significantly reduces set-up time during changeovers. It allows a single operator to pre-prepare the next job and switch out the honeycomb quickly and safely without any interruption to production.



DIGITAL INSPECTION TABLE 106

- Easy quality control of printed sheets, proofs, die-cut and embellished blanks
- Optional back light for specific quality control of embellished surfaces
- Quality check of embossing, including Braille
- Reduces risk of product recalls and quality cost

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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

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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

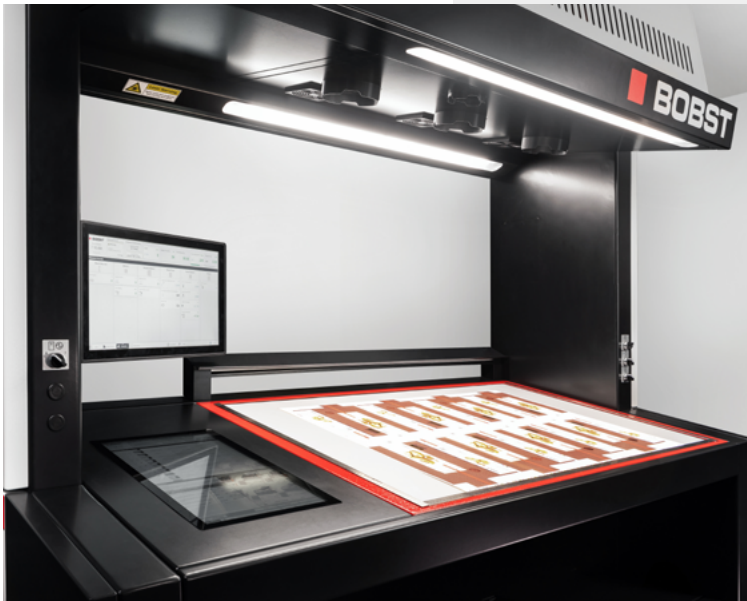
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Transforming the quality control process



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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