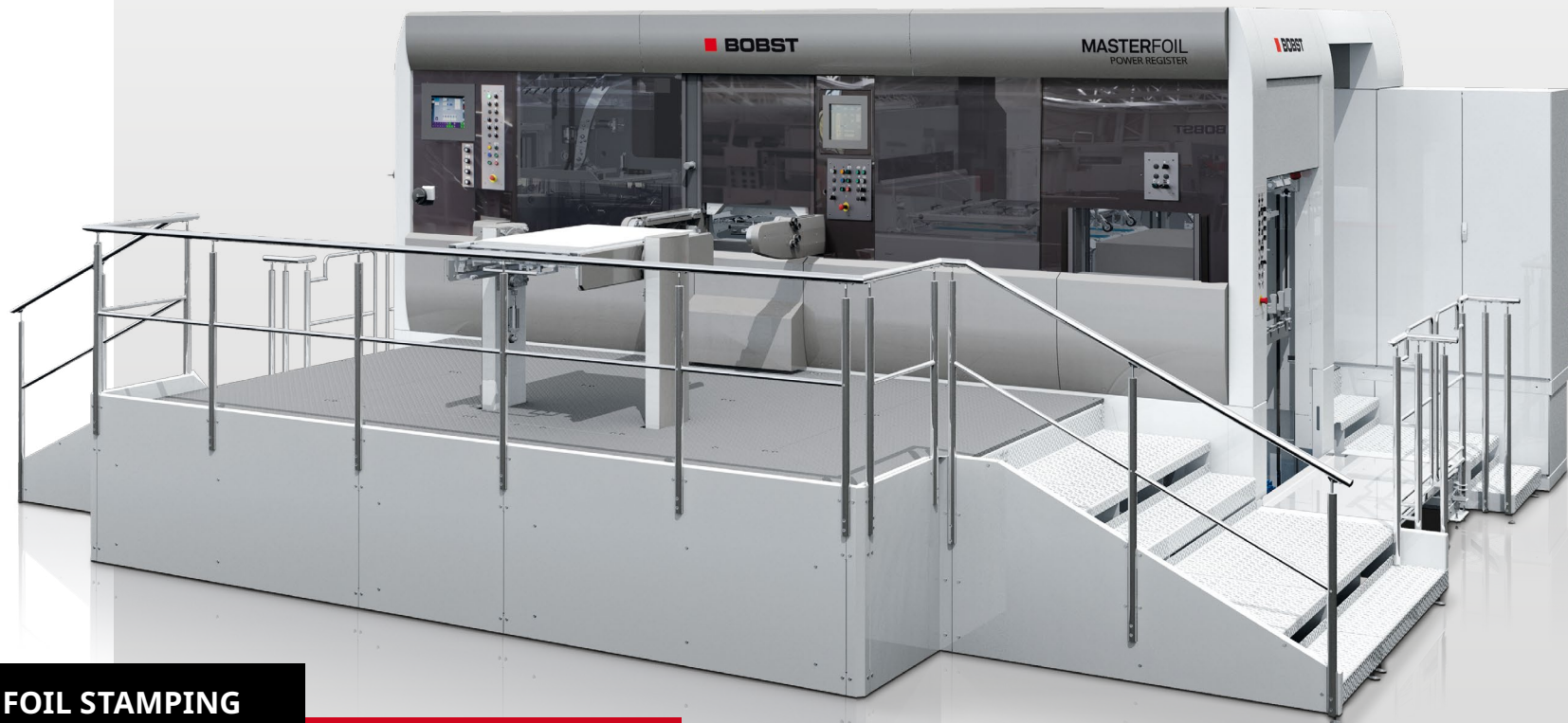


Extreme precision,
highest speeds



HOT FOIL STAMPING

MASTERFOIL 106 PR

At a glance

Empowering flexibility

MASTERFOIL is the result of many thousands of hours of R&D and is jam-packed with clever features. They include many patents, all designed to deliver the highest foiling quality and productivity on the market. Its lower beam cam movement, for example, allows for longer impressions. This means less heat, less pressure, and higher quality. A brand new foil unwind system makes changing foils as easy as pressing a button, while simultaneously delivering huge savings in foil usage.

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- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table



Unrivalled
foiling and embossing

Breathtaking
productivity

Cost saving
and sustainable

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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.



MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1–3
 - > 4–6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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Benefits and features 1 – 3



Perfect sheet feeding

SMART FEEDER

- Optimal stoppage-free feeding thanks to suction head with an automatic adjustment to pile shape and stepless pile raising
- Antistatic feeding table with recessed belts ensures perfect material flow, making adjustments unnecessary



Unrivalled register

POWER REGISTER 2

- Unique registration system without sheet-edge contact for an unequalled sheet registration and machine throughput
- Stamping or embossing-to-print embedded capabilities for a registration precision beyond compare



Fast and perfect

FOIL TOUCH SYSTEM

- Unmatched foil stamping results with lower heat and less pressure
- Run foil and deep emboss jobs in one single pass
- Ensure sharpest details on intricate and delicate stamping
- Double cam gripper bar advance for stressless sheet transport, whatever the substrate

MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1–3
 - > 4–6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table



Intuitive and efficient

BOBST electronics

- BOBST CUBE³ for easy control of machine settings and foil functions
- Optionally up to five screens around the machine allowing operations execution from nearly anywhere
- Optional OACS (Optimal Advance Computing System) for calculating optimal foil advance, ensuring important savings in foil use



Unique stamping

Total foil control

- External foil-loading unit for easy access
- Unique ergonomics allow for the shortest set-up times
- Fast and easy preparation thanks to easy mounting of large reels with foil load cart
- Auto-adjustment to reel diameter and running speeds



Continuous flow

FOIL UNWINDER +

- Optional system ensuring perfect foil advance with least possible stress on the web
- Capable of running at maximal speed with maximal reel diameters and widths, with minimal gap in-between stamped images
- Up to 50% reduction of foil consumption

MASTERFOIL 106 PR

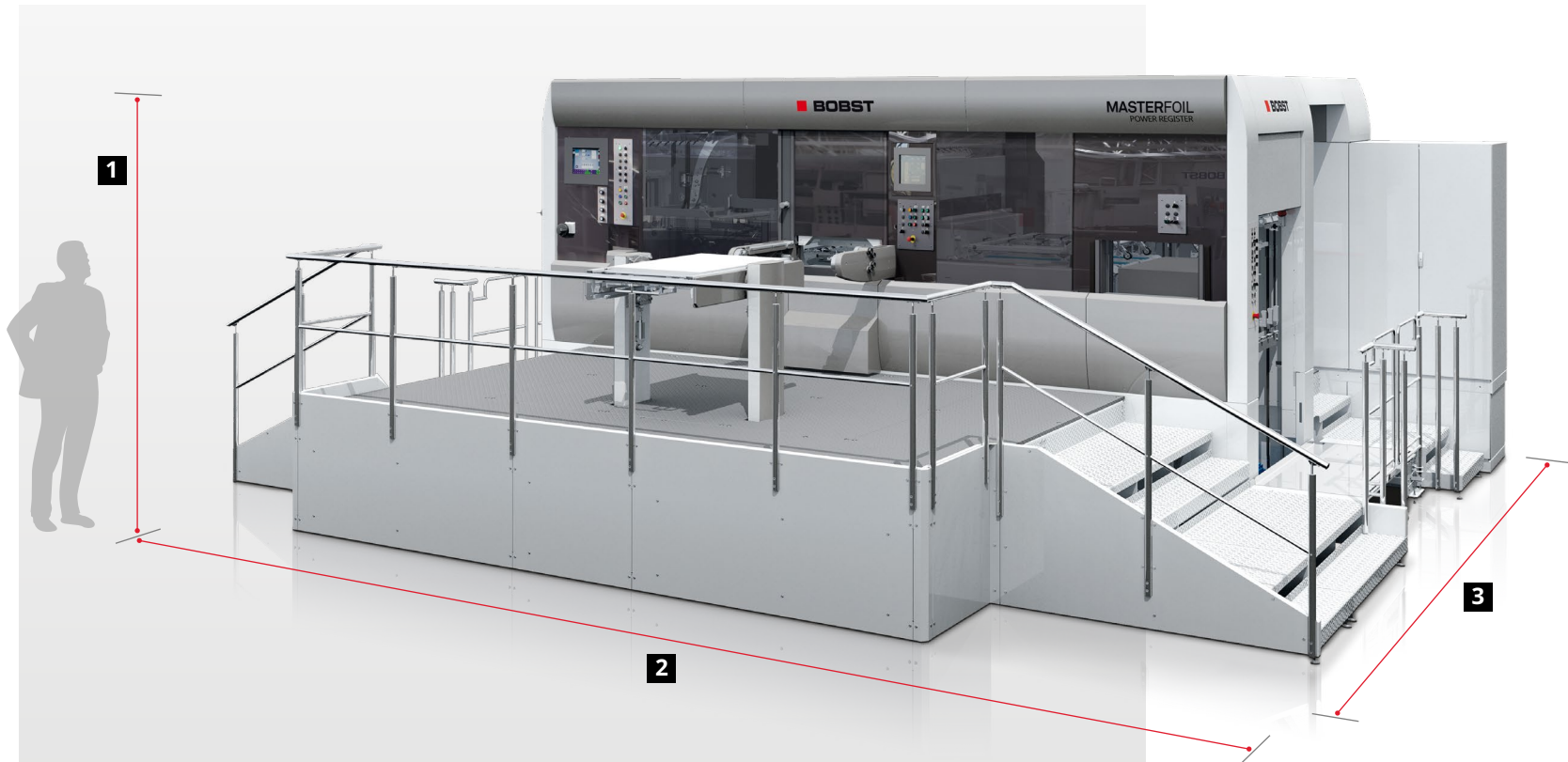
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table



1	3.30 m	11 ft*
2	10.00 m	33 ft*
3	7.30 m	24 ft*

*Values may vary according to the configuration.

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Convertible stock*

MASTERFOIL 106 PR

Paper, min.	70 g/m ²	.004 in
Carton or solid board, up to	2,000 g/m ²	.060 in
Corrugated board, up to	2 mm	.080 in

*Depending on quality

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.	1,050 x 742 mm	41.33 x 29.21 in
Production speed, up to	8,000 s/h	8,000 s/h
Stamping force, up to	0-100 FTU*	0-100 FTU*

*Foil Touch Units

Heatable beam

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

Hot foil stamping equipment

Reel diameter, max.	250 (400)* mm	9.84 (15.75)* in
option	160 mm	6.30 in
Web width	25 - 1,060 mm	1 - 41.73 in
Web advance adjustment shafts		
basic	2	2
option	4 (1)*	4 (1)*

*With Foil Unwinder Plus

Pile height

Feeder, max.		
normal mode	1,400 (1,800)* mm	55.12 (71.65)* in
non-stop, manual	1,100 (1,520)* mm	43.31 (59.84)* in
Delivery, max.	1,160 (1,580)* mm	45.67 (62.20)* in

*Heights with maximum machine elevation

MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1–3
 - > 4–6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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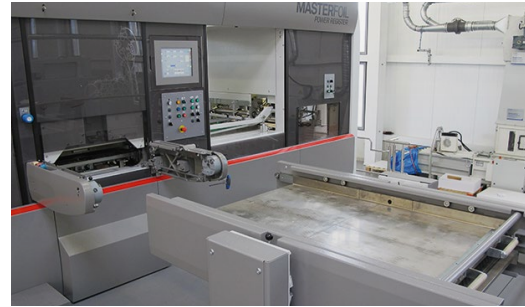
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Related products



Job saver system

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



CHASE CHANGER

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



OACS graphix

The system automatically calculates foil advance and implements job layout from a computer file, thus ensuring optimal data management as well as drastically reducing set-up and changeover times.

MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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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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MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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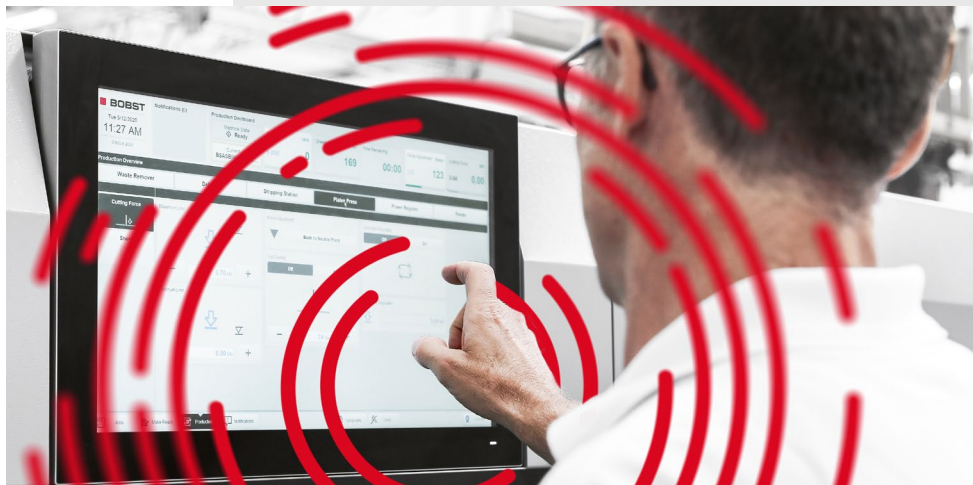
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Digital age manufacturing happening with BOBST Connect

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

MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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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

MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

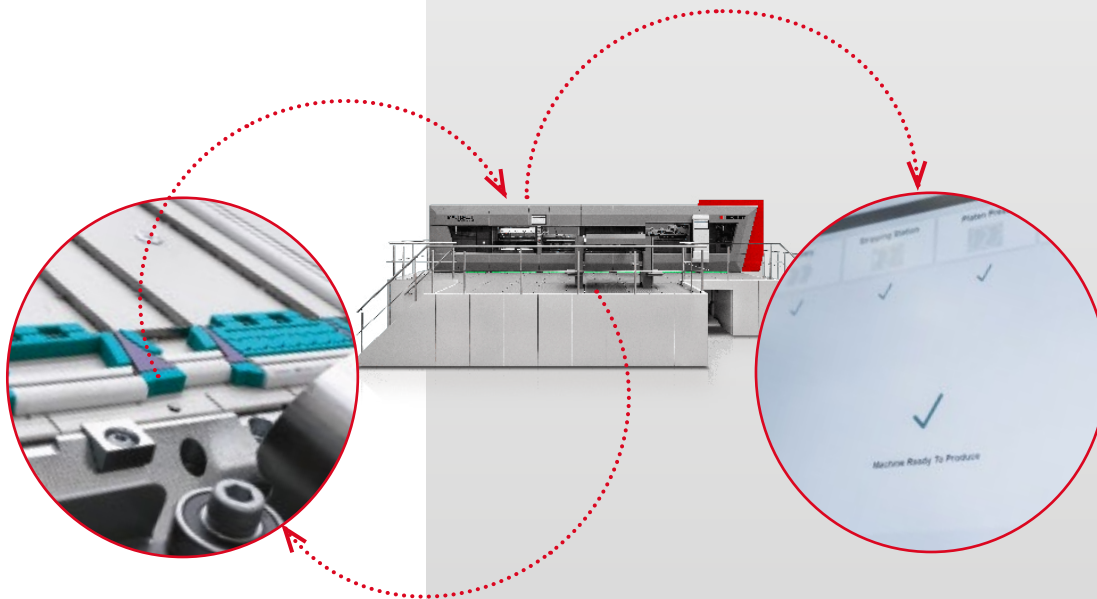
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Digital technology for smarter converting

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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MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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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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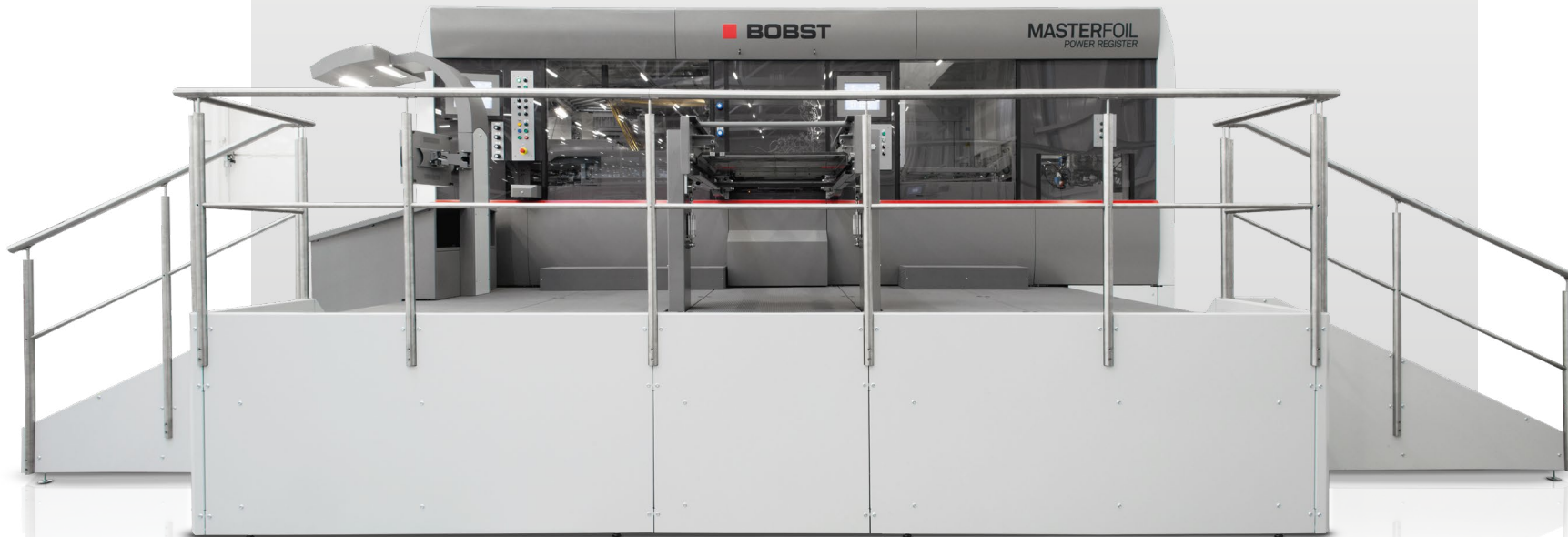
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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Extreme precision, highest speeds

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MASTERFOIL 106 PR

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1-3
 - > 4-6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect
 - > Tooling
 - > TooLink
 - > Digital Inspection Table

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