

Essential die-cutting



DIE-CUTTING | FOLDING CARTON

NOVACUT 106 E

At a glance

Empowering flexibility

When your clients need you to meet unusual product challenges at a moment's notice, having the equipment to get the job done is vitally important. Normally, as die-cutter versatility increases, so productivity drops off, but **NOVACUT 106 E** gives you access to world-leading technology that delivers both, without compromise.

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Durable
technology

Saving time
and money

A long-term
asset



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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Perfect sheet feeding

Feeder

- Pull or push sheet registration system, allowing precise sheet register
- Feed table plate reduces static and delivers smoother sheet travel
- Optional non-stop feeder optimizes the machine's net output
- Lateral ramps, designed for smooth sheet introduction and consistent feeding



Precise register

ACCUREGISTER

- Optional "No sheet-edge contact" system guaranteeing perfect register quality
- Large correction range in front and lateral direction
- Higher machine performance by reducing feed related production stops
- Less waste during set up and production



User friendly

Advanced HMI SPHERE

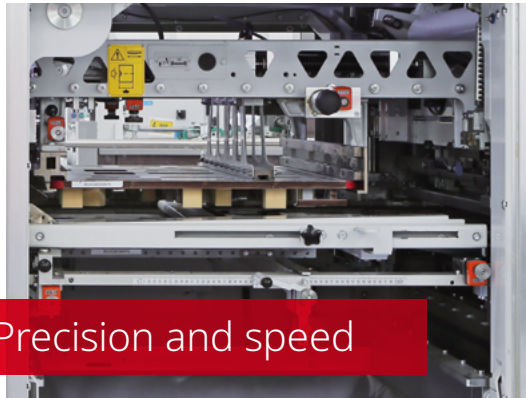
- Large 22" full color Human Machine Interface (HMI)
- Simple step-by-step procedure guides the operator through the job set-up process
- All settings appear on one screen for more convenient and intuitive navigation

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Precision and speed

Perfect in-line stripping

- Even delicate or light materials are stripped perfectly at high speed
- Integrated quick-lock system ensuring fast and easy job changeovers
- Fine adjustment of tooling for precise stripping quality
- Motorized lifting of the upper frame

AUTOPLATEN®

- Smoothest sheet acceleration drastically limiting number and size of nicks
- Automatic equipment centering, locking for chase and supporting plate ensure perfect cutting and creasing quality
- Motorized cutting force adjustment on demand



Stressless changeovers

CENTERLINE® system

- Quick and easy fitting of dedicated tools into the machine, allowing simple, quick and accurate job repetitions
- Radically reduces job preparation, changeover and repeat times
- Quick-lock die-cutting chase for quick and easy setting



Flexibility

Perfect piling and stacking

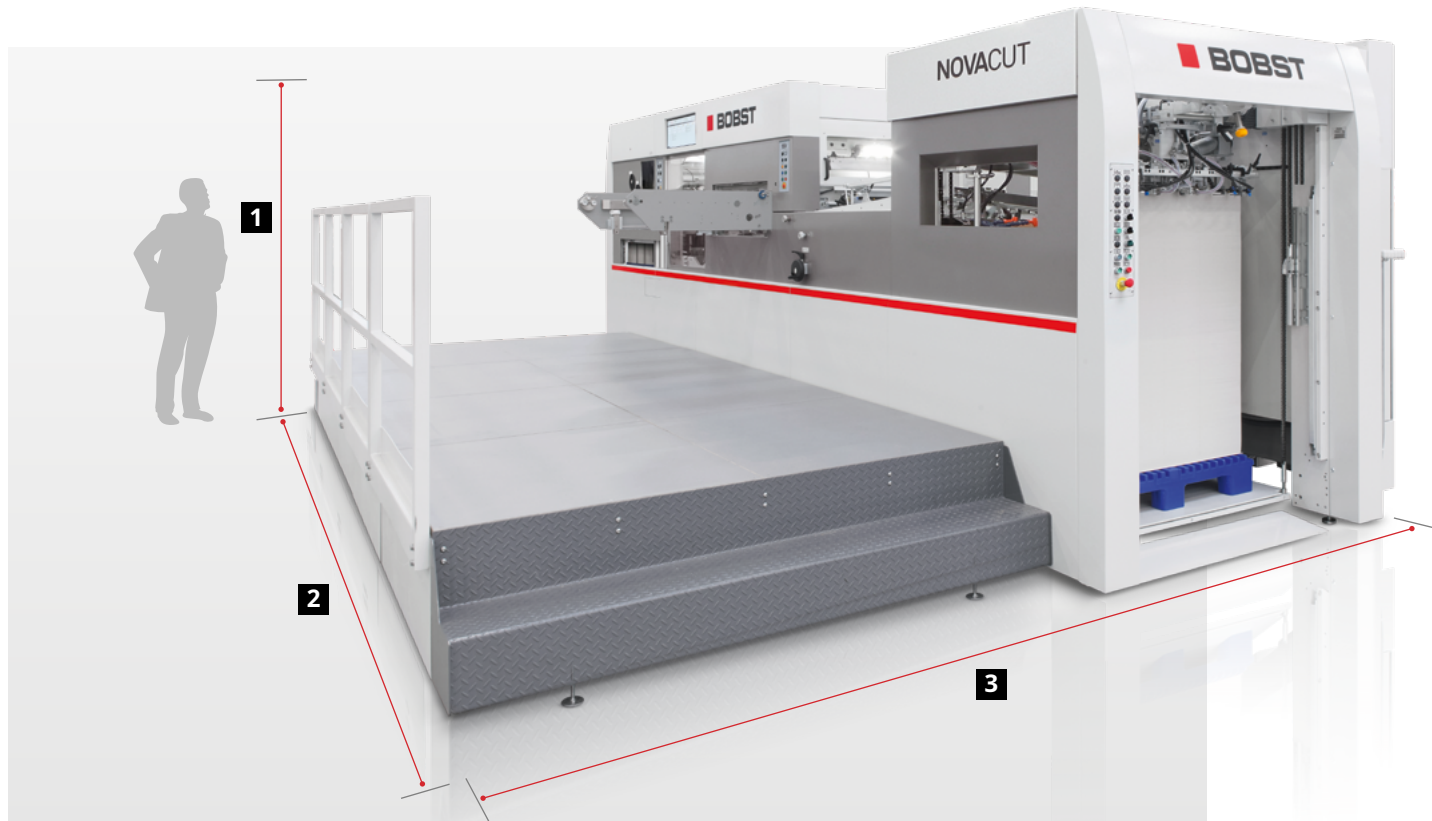
- Optional automatic non-stop delivery for continuous production
- Perfect stacking of all types and sizes of materials
- Blower sheet hold-down device controlled by the HMI, ensuring an ideal shape of the pile

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1		2.70 m	9 ft*
2	with electrical cabinet	6.40 m	21 ft*
3		6.10 m	20 ft*

*Values may vary according to the configuration.

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Convertible stock	NOVACUT 106 E	
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	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	15.75 x 13.78 in
Production speed, up to	8,000 s/h	8,000 s/h
Cutting force, up to	2.6 MN	286 US ton

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 (1,800)* mm	55.12 (70.87)* in
Feeder, max. with non-stop, manual	1,100 (1,500)* mm	43.31 (59.06)* in
Delivery, max.	1,100 (1,500)* mm	43.31 (59.06)* in

*Heights with maximum machine elevation

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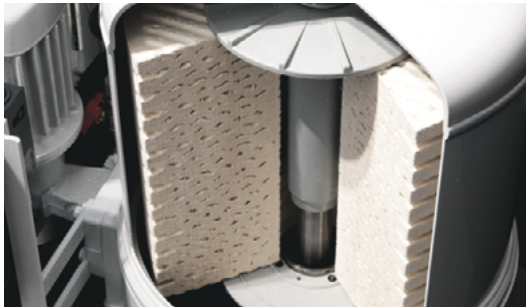
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Related products



Oil Cleaner

The revolutionary Oil Cleaner filtration device allows you to maximise the service life of your oil and also protect the planet, whilst reducing your maintenance costs.



CHASE CHANGER

Functioning as a make-ready table, it allows you to prepare a second job during production and to exchange cutting chase in less than one minute.



Control table

Installed on the podium barrier, this inclined table ensures optimal checking of a die-cut sheet. It includes a support to install a lighting system.



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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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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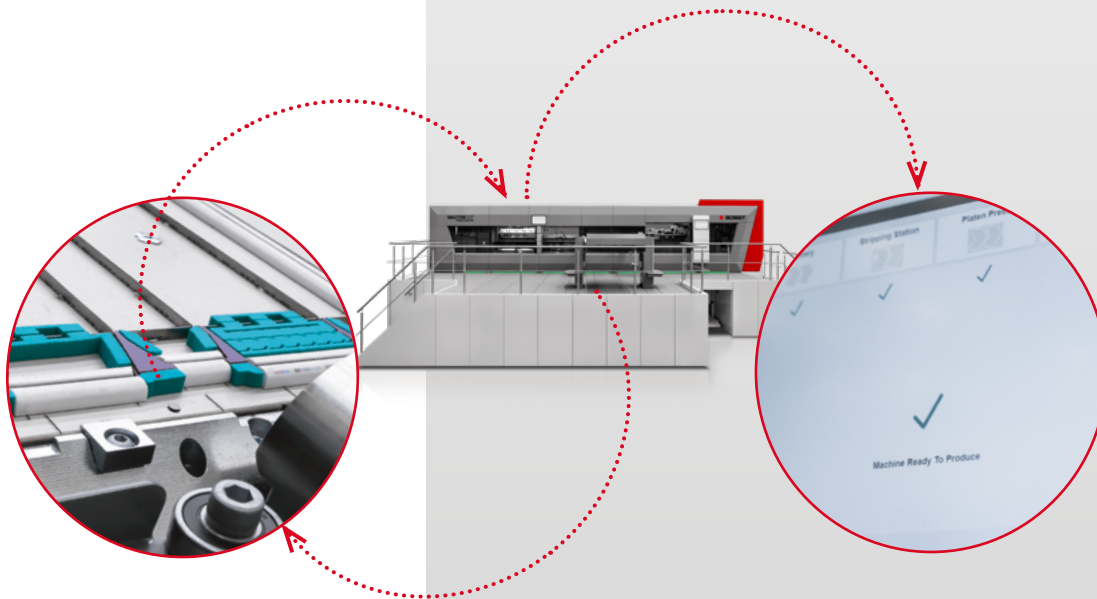
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Digital technology for smarter converting

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 ≥ 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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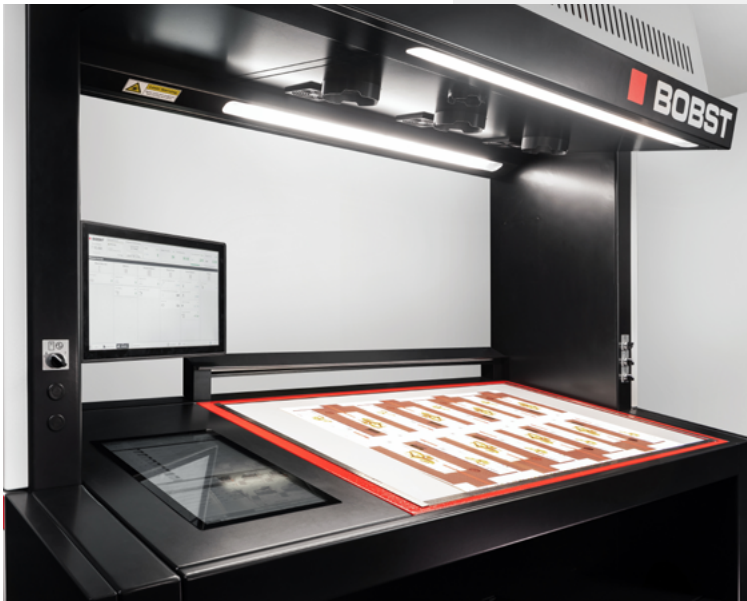
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Transforming the quality control process



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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