

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

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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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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



Fast and easy

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



Unique die-cutting

AUTOPLATEN®

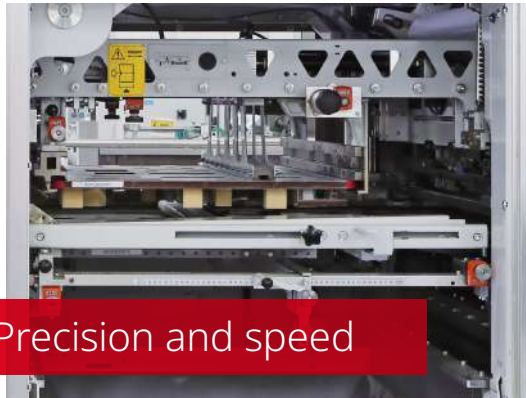
- Smoothest sheets acceleration drastically limiting number and size of nicks
- Automatic equipment centering, locking for chase and supporting plate, ensuring perfect cutting and creasing quality
- Optional motorized cutting force adjustment

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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



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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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.

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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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Switch on digital transformation

BOBST Connected Services ensures your business is ready for the changing world of digital manufacturing. Our range of apps and technical support brings full connectivity to your equipment and processes – providing you with a wealth of real-time data, analytical tools and expertise – helping you work smarter and more productively.



Helpline Plus & Premium*

- Remote access intervention, with BOBST technicians
- Expert support, eight hours a day, five days a week
- Maintain production, reduce callouts by 80%

Helpline Plus & Premium* AR

- Enhanced remote assistance with Augmented Reality
- Visual instructions right in front of you
- Available for internal use

*24/7 support in selected areas.

Connect Portal

- User friendly web portal containing equipment data, reports and analysis
- Access insights on the go with **Mobile Portal** from your smartphone

Remote Monitoring

- Real-time production KPIs
- Alerts and notifications
- Enabling control and decision making

Downtime Tracking

- Track downtime and understand the root causes
- Enabling continuous improvement in productivity MES / ERP interface
- Web-based API for simple equipment data interface
- Data link and ERP Interface protocols for on-site direct integration

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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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