

Compact flexible, efficient



DIE-CUTTING | CORRUGATED BOARD

VISIONCUT 1.6 | 1.6 PR

At a glance



Powering performance

When you need quality die-cutting and don't want to compromise on flexibility, **VISIONCUT 1.6** delivers – giving you quality flat-bed die-cutting, along with the lowest total cost of ownership of any machine in its class. Built to be robust, VISIONCUT gives you maximum machine uptime: its clever workflow design minimizes unproductive time while job change-overs take less than 10 minutes. Taking the renowned BOBST register accuracy even further, **VISIONCUT 1.6** is also available in a PR version with POWER REGISTER, our state-of-the-art system that delivers unequalled print-to-cut accuracy, even on litho-laminated board.



Cost-efficient,
versatile and accurate

Straightforward
handling

Enduring power
and efficiency

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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

> READ MORE

Good protection and safety

Protecting the goods is the main requirement for corrugated boxes meaning high quality, clever designs, robustness and zero-fault.

Customized, premium, secured

Boxes play a new role where customization, high-graphics and security features are required.

Out of the box experience

Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

E-commerce

The demand is growing and is here to stay. Boxes need to come in almost any size and shape, requiring flexibility and productivity across the supply chain.

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.



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Consistent feeding

Bottom feeder

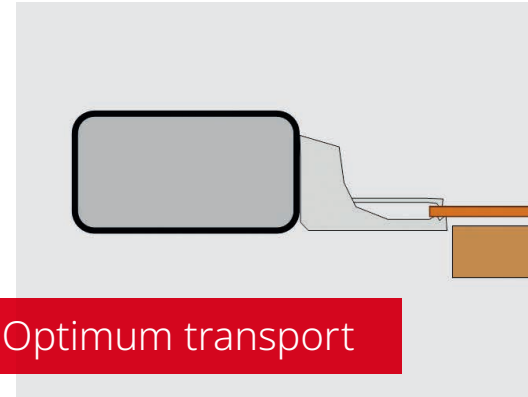
- Perfect sheet alignment with height-adjustable rear sheet support
- Handles all types of materials, from microflute to double-wall with ease thanks to vacuum suction plate
- "Air Knife" under the gauge for flawless sheet introduction and fewer stops
- Optional POWER REGISTER for perfect, contactless print-to-cut sheet registration



Precise die-cutting

Platen section

- Unique platen construction resulting in shorter make-ready times and reduction in cutting force needed
- Ergonomic, precise and perfectly parallel cutting force adjustment using a single foot wheel
- Substantially increased machine up-time and tool life
- User-friendly interface



Optimum transport

Double cam gripper bar advance

- Accelerates and decelerates sheets in the smoothest way possible
- The new lower gripper position further enhances flat sheet travel, reducing stress on the sheet as it travels through the machine and allowing for higher production speeds
- Smaller nicks for improved finished product quality

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Ready in no time

Job changeovers

- BOBST CENTERLINE® system for fast and highly precise alignment of die-cutting, stripping and delivery tooling
- Simple machine for intuitive, quick and easy set-up and changeovers
- Optional chase loader for even speedier and more ergonomic job preparation



Reliable stripping

Stripping station

- Precise ejection of even the smallest waste from the most complex layouts
- Dynamic upper stripping frame with fixed central stripping board, resulting in no vertical movement of the sheet and the most perfect stripping result
- Large windows for most ease of access and faster set-ups



Perfect delivery

Delivery

- Perfectly stacked and aligned batches of up to 200 mm in height even at top running speeds
- Adjustable delivery frames for optimal sheet reception
- Straight lateral support guides for perfect sheet release and stacking
- Male-female ejection tool for accurate removal of front waste, even at full speed

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1	2.70 m	8.10 ft*
2	9.10 m	29.10 ft*
3	5.25 m	17.20 ft*

*Values may vary according to the configuration.

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Convertible stock

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Corrugated board	0.75 - 9 mm	.03 - .35 in
Corrugated flute types	A, B, C, D, E, F, G, N, O, AB, AC, BC, EB, EF, Triple wall	

Capability

Sheet size, max.	1,600 x 1,100 mm	62.99 x 43.30 in
Sheet size, min. (manual loading)	600 x 520 (400) mm	23.62 x 20.47 (15.74) in
Production speed, up to	4,800 s/h	4,800 s/h

Die-cutting

With gripper margin, max.	1,600 x 1,075 mm	62.99 x 42.32 in
Gripper margin (adjustable)	15 mm (+3/-4 mm)	0.59 in (+0.11/-0.15 in)
Height of cutting rules	23.8 mm	.93 in

Batch height

Feeder, min.	20 mm	0.78 in
Feeder, max.	depending on board quality and weight	
Delivery, max.	200 mm	7.87 in

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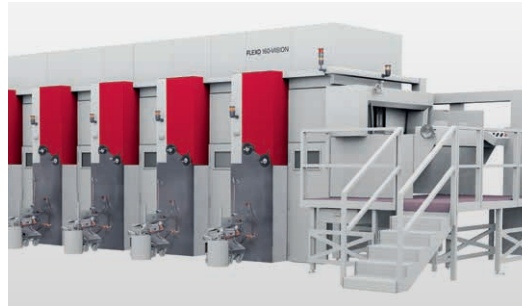
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Related products



LOADER AF

Our top feeder solutions handle piles up to 2,000 mm (78.75 in) high, sheets up to maximum size and materials from the lightest to the heaviest - while also ensuring a consistent board stream and no operator intervention.



FLEVO 160-VISION

Used in-line with a high output FLEVO 160-VISION press, your VISIONCUT becomes a high speed, high quality, automated box production line.



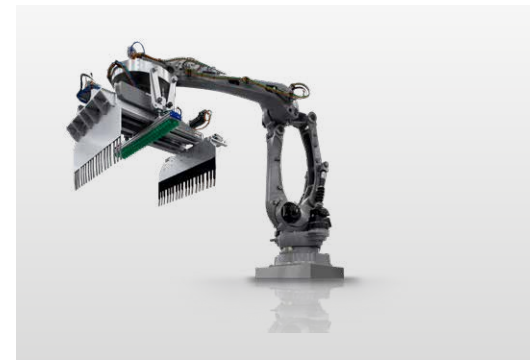
BREAKER 2 FLAT TRACK

Capable of handling even the smallest batches - 150 x 150 mm or 5.91 x 5.91 in - at a rate of 300 per hour, BREAKER 2 FLAT TRACK is your fully automated solution for mastering your layer arrangement.



ROBOLOADER

With ROBOLOADER, the transfer of blank piles to the feeder area is completely automated. The robot ensures regular and consistent feeding at top machine speeds, enabling optimal production line productivity.




ROBOPALLETIZER FG

ROBOPALLETIZER allows to stack blank piles or box batches in various patterns, completely automating the palletizing process at the end of the converting line.

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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.

[> 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

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