

Best in class price-performance value



CI FLEXO PRINTING

VISION CI

 **BOBST**

At a glance

BOBST

Leading sustainability

The **VISION CI** is designed to deliver the most efficient performance for all production lengths on a wide range of substrates. Fast to setup and change over, it features technical innovations and automation that ensures repeatable process consistency, minimum waste and easy manufacturing. It is ideal for converters looking to add a powerful and reliable production tool to their operation.

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Smart press design
for cost effective production

Ergonomic, easy to operate
and waste-saving

BOBST Connect integrated
data and connectivity



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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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Safety

Food safety and brand protection are major requirements. Anti-counterfeiting and traceability are required across the entire supply chain.

Customization, versioning, personalization

Packaging needs to reach all segments of society taking almost any shape and size across multiple job lengths across the globe.

Color control and brand image

Color consistency and control across all substrates needs to be guaranteed for brands to look good across the globe.

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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Superior press design and quality

- Ergonomic and user friendly design of the printing module
- Sturdy cast iron frame and decks combined with anti-vibration bearing solutions
- Automatically opening and closing bearings for plate cylinder equipped with a pre-load system for maximum stability. Deck design avoiding deflection and tilting
- Highly modular concept enables very fast installation and start-up
- Automatic face-to-face winders
- Available as 8-color and 10-color press



A flexo press to rely on

- Flexibility and sustainability within a compact design
- Handles efficiently a mix of job lengths from short to long run delivering consistent repeatable quality run after run
- The joint action of the two component chamber doctor blade, the smart inking and easy cleaning systems increase press uptime and speed up time-to-market
- Operator viewing platform on catwalk for web monitoring of the print result and a convenient access to CI drum ensure higher machine productivity and availability
- Semi-automatic on-press impression and registration set-up with smartSET
- Offline, fully automatic registration and impression set-up with smartGPS



Best in class performance

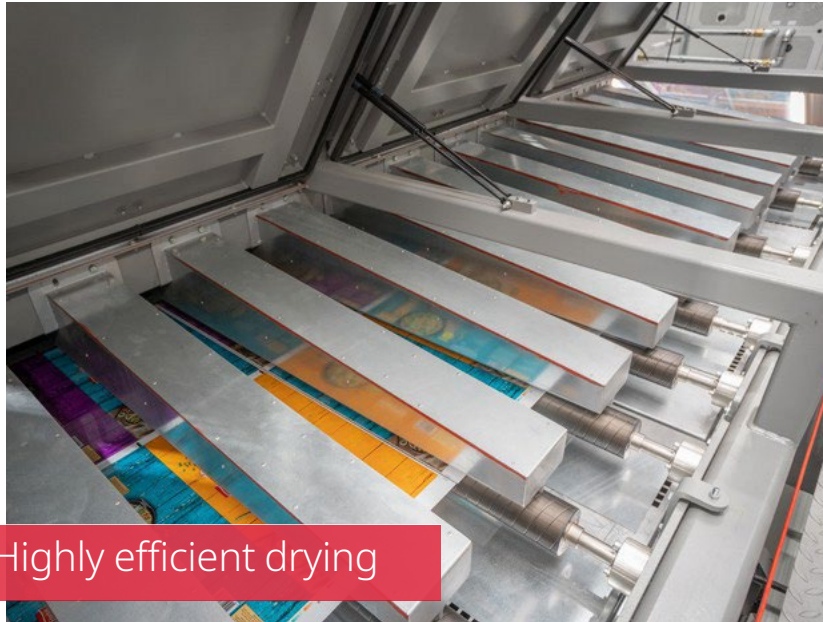
- Handles a wide range of substrate types and thicknesses
- Consistent and repeatable quality performance with solvent-based and water-based ink printing
- Continuously monitored viscosity control, fully integrated in the inking and cleaning system, for consistent high print quality results
- Combined action of inter-color dryers and bridge tunnel enabling very low solvent retention on substrates
- Accurate process automation for minimized waste, increased cost efficiency and easy manufacturing

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Highly efficient drying

- Lightweight, easily accessible, easy to clean inter-color dryers
- Same dryers design for all print deck, with all pipes on the drive side
- Dual technology tunnel featuring combination of floating and impingement type nozzles for optimum drying performance and maximised efficiency



Easy to operate and connected

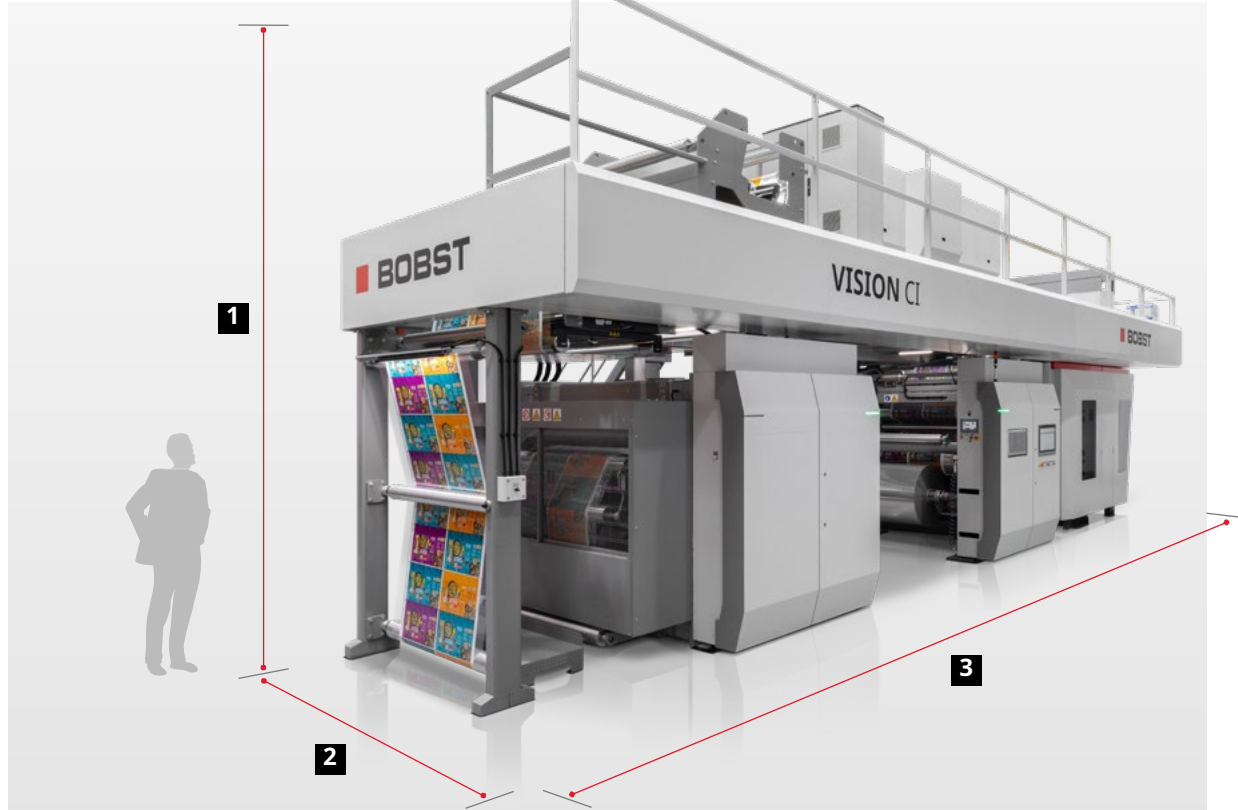
- User-friendly access to all print decks for maintenance and cleaning
- Low height to load sleeves and aniloxes, easy front access to plate cylinders, easy change of doctor blades
- Design of intra-colour dryer for easy access and cleaning
- Energy savings due to efficient drive system and ventilation
- Connectivity features to enable access to production data from remote services
- Range of BOBST remote services

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1	5.3 m	17.39 ft*
2	5.4 m	17.72 ft*
3	13.2 m	43.31 ft*

*Values may vary according to the configuration and accessories.

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Materials handled

Substrates	Film, paper, laminates
Inks	Solvent-based, water-based

Capability

Number of colors	8 - 10	
Web widths	920 - 1120 - 1320 - 1520 mm	36.2 - 44 - 51.9 - 59.8 in
Print widths	900 - 1100 - 1300 - 1500 mm	35.4 - 43.3 - 51 - 59 in
Printing cylinder repeat	820 - 1120 mm	32.2 - 43.3 in
Mechanical speed	400 - 500 m/min	1312 - 1640 ft/min
Automatic shafted winders, reel diameter	1020 mm	40 in

Products

Flexible packaging
Non-food flexible packaging
Beverages
Bags and sacks
Labels

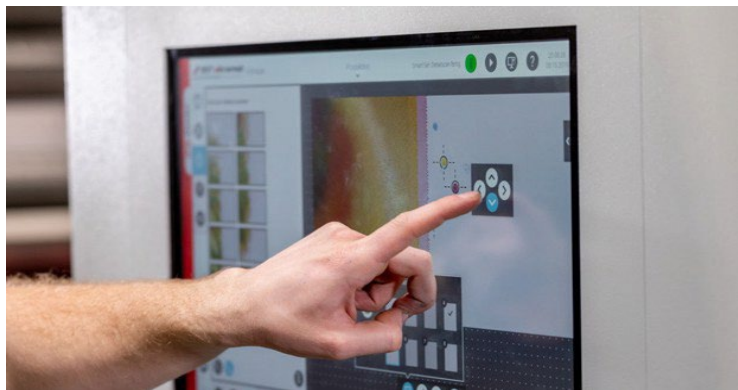
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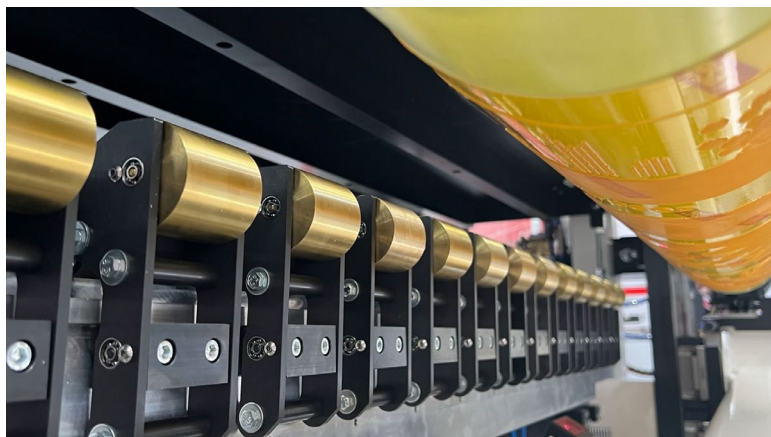
smartSET

Highly efficient system for semi-automatic on-press impression and registration set-up which considerably reduces waste and increases production time on CI flexo printing presses. Using existing micro dots, it does not require additional control marks. Being a non-optical system, smartSET works with all substrates including reflective ones.



colorCONTROL

A holistic approach to efficiently manage the time-consuming process of matching colours. It also includes expert analysis of the whole process and consultation. Includes hardware and software features.



smartGPS

Registration and impression settings are generated automatically off-line at the plate mounting stage. smartGPS completes the setup of an 8-color press in less than 6 minutes, instead of 30 to 40 minutes required by a conventional set-up. The impression and register setting procedure generate a substrate waste that is less than 15m.

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Driving the industry transformation



Bobst Bielefeld's Competence Center is one of BOBST's six facilities worldwide dedicated to web-fed printing and converting technologies. Each is a center of excellence and all work in synergy to benefit from the multi-disciplinary know-how and experience derived within the Group.

- 5 staff, including one manager, pre-press and printing specialists
- Multiple presses are available on site
- Standard or customized print and converting demonstrations, which can be either live or virtual
- Joint R&D and test activities with industry partners and other BOBST product lines
- Laboratory for GC analyses, tests of print hardware
- one**ECG** training

Bobst Bielefeld's Competence Center comprises a separate Training Center facility for customers and BOBST personnel with dedicated equipment and training specialists.

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Color consistency guaranteed

Bobst Bielefeld is BOBST Center of Excellence for CI flexo printing. Its Competence Center is home to the one**ECG** Academy for wide-web CI flexo presses

The Center operates as a central facility for testing and continuous development of the one**ECG** process for BOBST and industry suppliers in an open-partnership system. The aim is to help CI flexo printing customers to exploit to the fullest the advantages derived from the implementation of the ECG process. The open-partnership system guarantees process consistency not only by the design and process control features of BOBST CI flexo presses, but through the seamless integration of all the elements that concur to an end-to-end process, from the design file through to the inks, printing and the final product.

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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.



Maintain your Investment

- 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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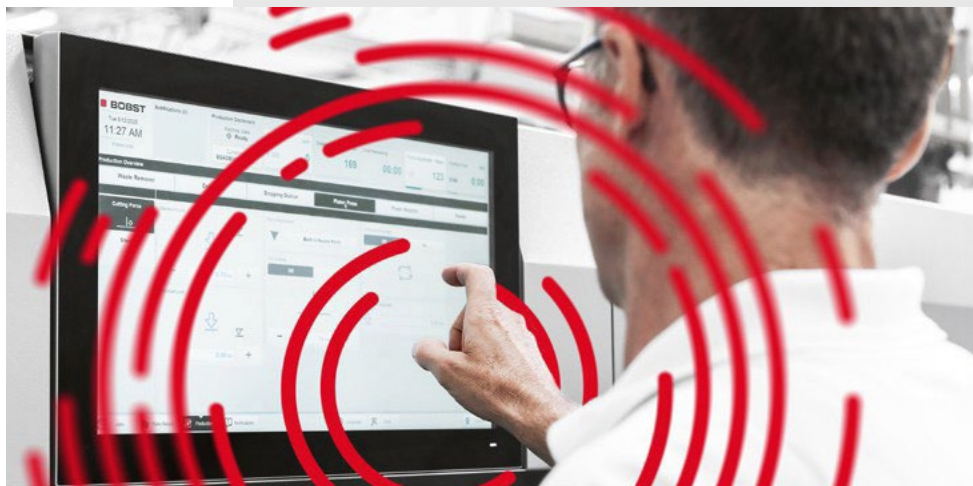
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Digital age manufacturing happening with BOBST Connect

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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