

# **Best in class price-performance value**



**CI FLEXO PRINTING**

**VISION CI**

At a glance



# Advancing flexibility

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

**Superior print quality**

**Ergonomic, easy to operate**  
and waste-saving



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CONSULTING**

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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
- Tapered smartKEY for plate reference in combination with smartSET reduces waste of substrate and consumables at start up and job changes
- 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
- Fast and easy press make-ready and job changes with smartSET exclusive system for registration and impression setting

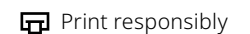


### Best in class performance

- 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

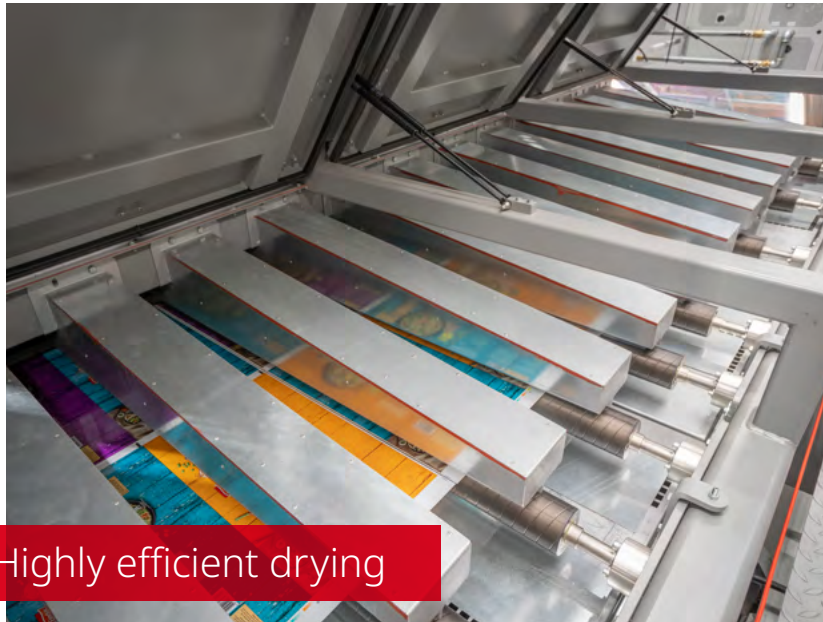
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### Highly efficient drying

- 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
- smartHEAT, a heat recovery system for efficient and green energy consumption




### Easy to operate and connected

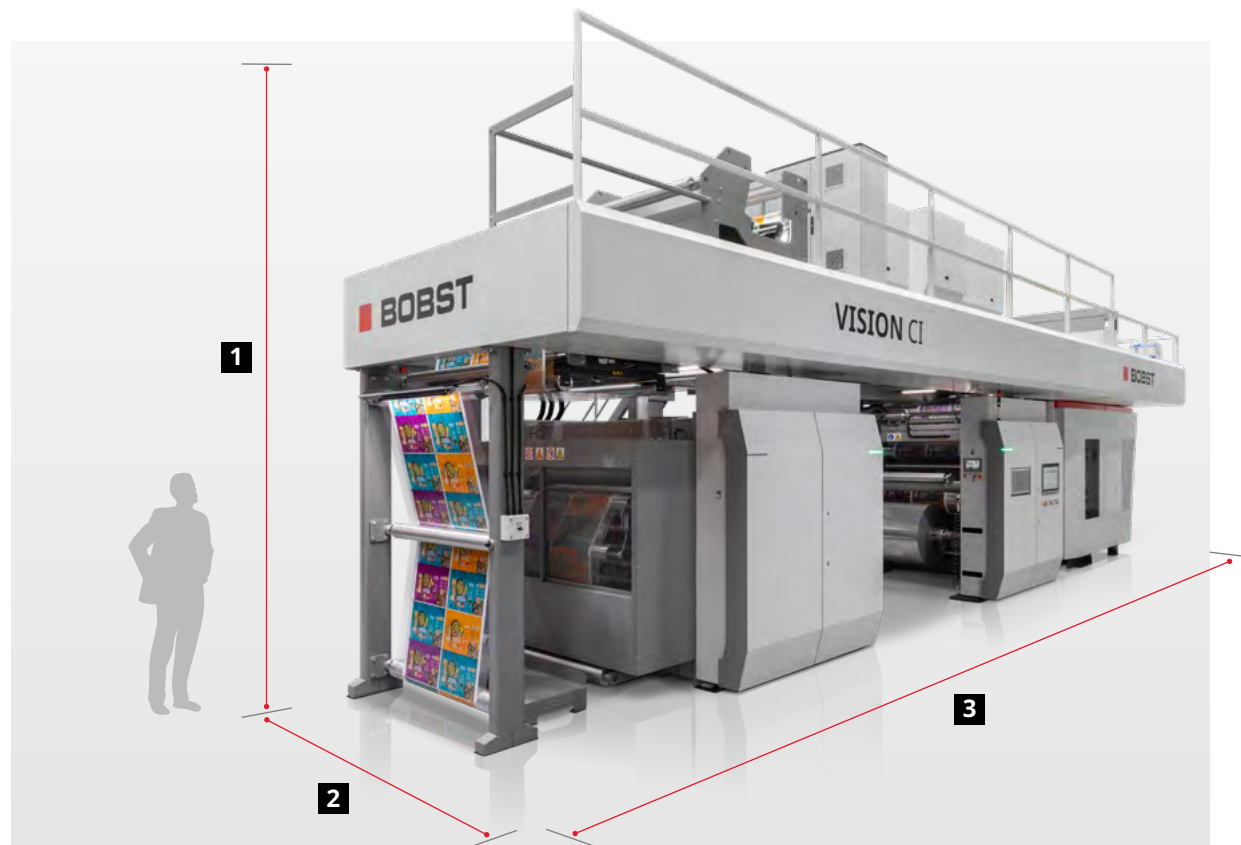
- User-friendly access to all print decks for maintenance and cleaning
- Low height to load sleeves and aniloxes, easy front access to plate cylinders, easy change of doctor blades
- Design of intra-colour dryer for easy access and cleaning
- Energy savings due to efficient drive system and ventilation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

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<b>1</b>	5.3 m	17.39 ft*
<b>2</b>	5.4 m	17.72 ft*
<b>3</b>	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 - 44.1
Mechanical speed, max	400 m/min	1312 ft/min
Automatic shafted winders, reel diameter	1020 mm	40 in
Automatic shaftless winders, reel diameter	1020 mm	40 in


### Products

Food 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**

Is 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.

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# Driving the industry transformation



Bobst Bielefeld's Competence Center is one of BOBST's 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 and 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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**REQUEST A VIRTUAL DEMONSTRATION**

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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.

> WATCH VIDEO



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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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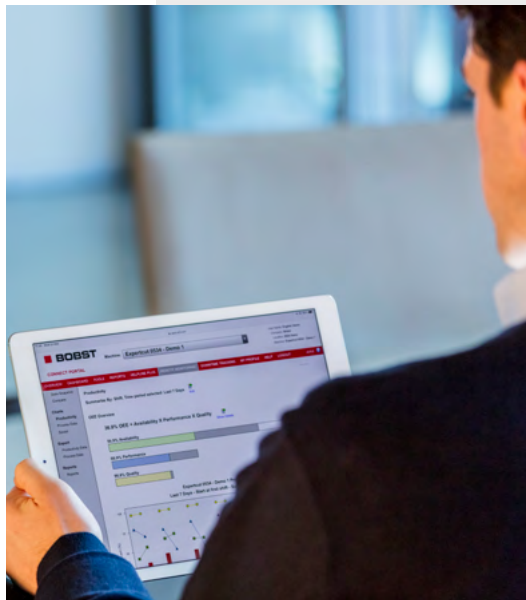
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# Switch on digital transformation

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

**> WATCH VIDEO**

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# **Your dream machine** is waiting for you


[WWW.BOBST.COM/VISIONCI](http://WWW.BOBST.COM/VISIONCI)



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