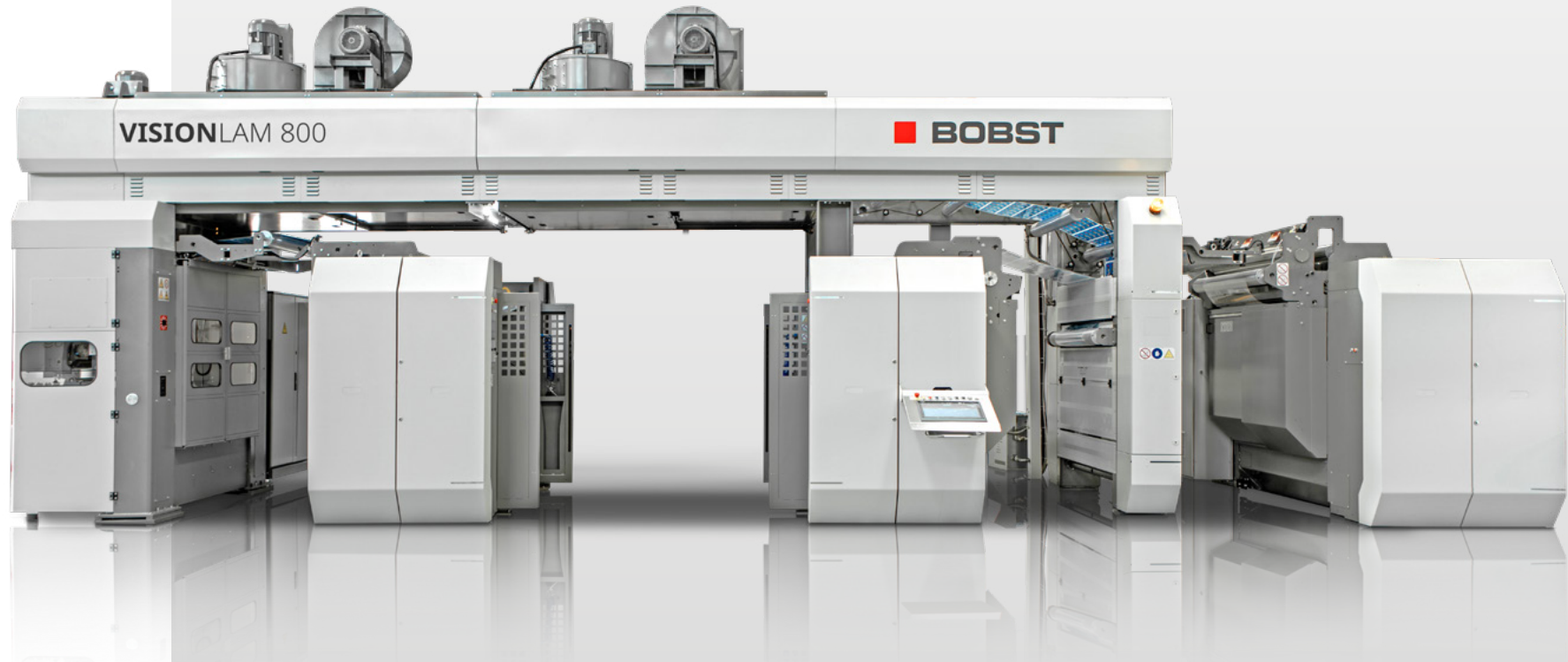


**Efficient,** flexible, high performance



**MULTI-TECHNOLOGY LAMINATION**

**VISIONLAM 800**

At a glance

**BOBST**

# Leading sustainability

The **VISIONLAM 800** is a very efficient and flexible solution for production of medium to long runs of premium flexible packaging. Its hallmark technical solutions include the choice of shafted or shaftless automatic winders that enable non-stop lamination, and the possibility to adapt the length of the tunnel's sections and temperature to the required production needs. BOBST customers can use any trolley of their BOBST laminators which are interchangeable, including the flexo trolley. The duplex laminator is available in triplex or tandem (also as a future upgrade) configuration to match the converter's diversification of its flexible packaging applications.

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**High flexibility** and productivity

Premium product quality,  
**efficient operation**

**BOBST Connect Essential**, data  
and connectivity, **as standard**



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# Creating value

**BOBST innovations**  
are driven by customer  
and brand owner needs.

[> READ MORE](#)

## 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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Flexible and powerful

- Multi-trolley coating unit design for application of different process technologies: solvent-based and water-based dry lamination, solventless lamination, in-register applications on pre-printed substrates
- Very fast toolless job changeovers. High machine uptime and fast time-to-market
- Easy access to all machine sections for faster cleaning and maintenance
- Max 50 m waste at start-up and at fully automatic reel splice performed at production speed
- The possibility of extending the tunnel length enables to widen the range of applications run on the machine
- Available in triplex and tandem configuration, the latter also as an upgrade any time after the duplex machine installation



Premium product quality

- Flawless lamination quality with all substrate types, thicknesses, web combinations. Excellent performance at speed with critical materials such as thin alu-foil, metallized and thin stretchable films
- Web transportation system by motorized rollers in flat drying tunnel avoids breakages and scratches on critical substrates
- All trolley designs ensure consistent coating uniformity and a flawless visual appeal with all applications. High speed quality performance of exclusive flexo trolley
- Motorized pressure roller for more accurate and uniform adhesive metering, ideal for multi-roller and reverse coating (option)
- Max 50 m waste at start-up and at reel splice performed at production speed
- Exclusive Registron® Mark-to-Mark technology for in-register cold seal and lacquer coating. Reading of cold seal coating application in real time, avoiding waste and costly non-conformities of final product

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### Exclusive flexo trolley technology

- The highest quality application for coating solvent-based adhesives with more than 150 flexo trolleys in operation worldwide
- Lower coating weight with equivalent bond strength of the rotogravure coating system
- Superior optical quality of the laminated structure
- Ideal for adhesive coating directly on thin aluminium foil. No wrinkles, no foil breakage
- Less adhesive required and up to 50% less solvent as the system can apply adhesive with high solid content and low coating weight
- Lower drying temperatures due to adhesive's lower solvent content
- Optimal for more complex applications such as retort packaging and high grammage coating



### Flat drying tunnel

- Flat drying tunnel offering motorized rollers and straight web path for high precision web handling and perfect transportation of all kinds of substrates
- Dryer structure entirely made of stainless steel allowing to dry all adhesive types, including water-based adhesives
- Quick and trouble-free maintenance thanks to optimum accessibility to the easily removable stainless steel nozzles
- Possibility of extending the tunnel length up to three 3 m sections, each with independently-adjustable temperature. Solvent residue is minimized, the control of web tension is maintained

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### Operator-friendly and safe

- Compact design with easy side trolley extraction
- Automated solutions simplifying operators' tasks. Fast and simple machine set-up and switching between jobs.
- Toolless trolley changeover
- Automatic clamping of the coating cylinder during job changeover
- Toolless coating sleeve changes performed in under 90 seconds
- Safer and healthier working environment from solutions that considerably reduce adhesive fumes near the coating and laminating area
- CE certification and ATEX regulation in standard configuration



### Automation and connectivity

- Fully integrated Human Machine Interface (HMI) with common style and usability across all BOBST equipment
- Advanced SPHERE HMI allows the operator to display and manage in real time the status of all significant process parameters, including downtime tracking and waste management
- Exclusive automation features ensuring process repeatability and required productivity specifications
- Connectivity features for full production and quality control. BOBST Connect Essential (available in selected regions)

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	VISIONLAM 800	
<b>1</b>	4.8 m	15.7 ft*
<b>2</b>	<13 m	<42.6 ft*
<b>3</b>	2.7 m	8.9 ft*
<b>4</b>	Access between columns	0.65 m 2 ft

\*Values may vary according to the configuration.

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### Materials handled

Substrates	Film, aluminium foil, paper, laminates
Adhesives	Solventless, solvent-based, water-based

### Capability

Web width	1030 - 1330 - 1530 mm	40.5 - 52.3 - 60.2 in
Max mechanical speed	450 m/min	1476 ft/min
Winders type	Shafted and shaftless	
Reel diameter shafted winders	1000 mm	39.4 in
Reel diameter shaftless winders	800 mm	31.5 in
HEATING SYSTEMS	Thermal oil, steam, gas burner, electric	

### Trolleys

Gravure	Available
Solventless	Available
In-register applications: cold seal, lacquer, one color printing	Available
Flexo	Available

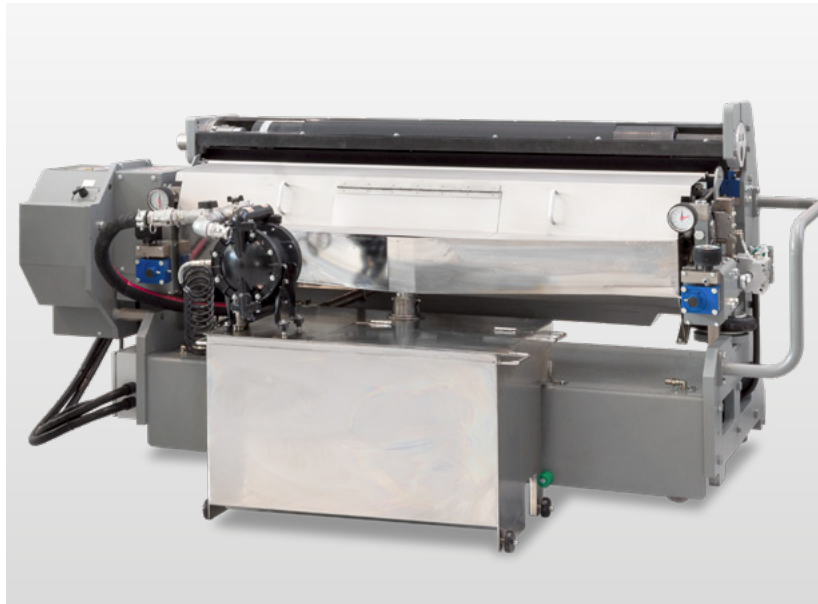
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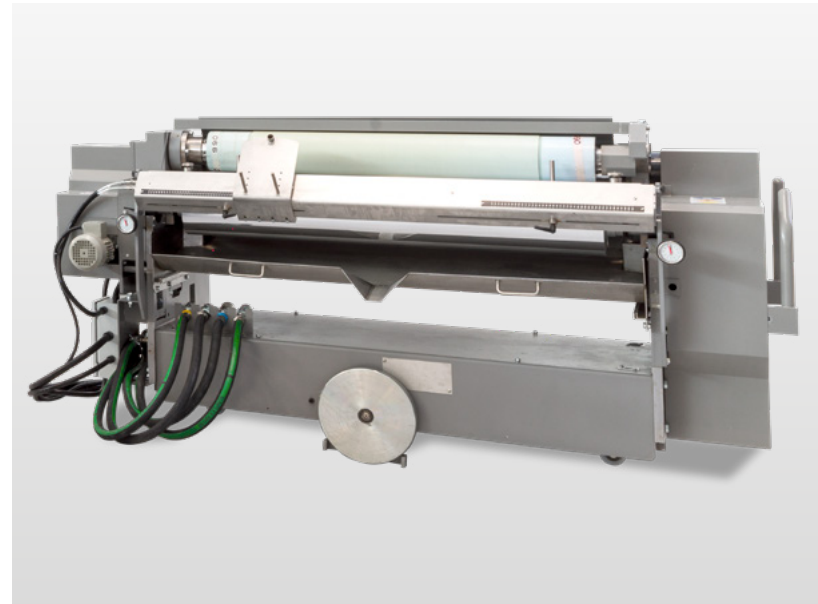
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### **Flexo trolley**

BOBST enjoys a worldwide reputation for the quality of its flexo coating system which is proven as the highest quality application for coating solvent-based adhesives. The system provides a far superior optical quality of the laminated structure due to smoothed adhesive distribution, a lower coating weight with comparable bond strength, as well as a wide coating range without changing the coating cylinder.



### **Solventless trolley**

The BOBST solventless trolley delivers a consistently repeatable process. The optimized process design significantly contributes to increasing the bonding and optical qualities of the laminated product. It also considerably decreases the amount of waste and machine downtime for much improved productivity.

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### Rotogravure trolley

The trolley design benefits from BOBST's extensive know-how and experience with gravure printing lines to ensure consistent adhesive coating at any production speed, as well as ease of use. These cross-technology synergies have been exploited to provide full interchangeability of the pressure system and doctor blade holder all the BOBST laminators of the same web width. This achieves significant benefits in terms of machine maintenance and supply of spare parts for owners of more than one line. As an option, the same rotogravure trolley can be used in either direct or indirect mode.



### Registeron® mark-to-mark reading technology

The exclusive Registeron® mark-to-mark reading of the longitudinal and lateral register on preprinted substrates avoids nonconformity of finished reels. The system detects and rectifies defects in real time during in-register applications, enabling unprecedented savings in time, substrates, consumables and energy.

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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

[> 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

[> LEARN MORE](#)

## Machine upgrades

- Additional features, configured for your machine
- Enhanced functionality, connectivity and capability
- Future-proofing your investment, maintaining competitive advantage

[> LEARN MORE](#)

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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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# Efficient, flexible, high performance

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