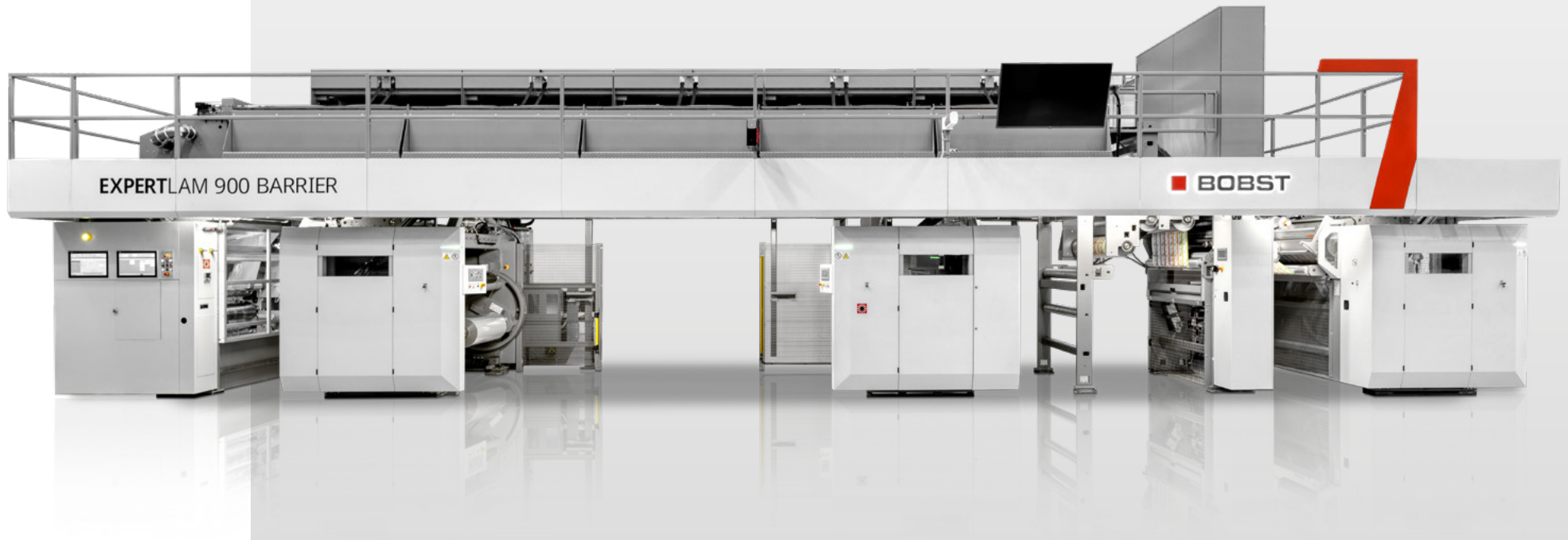


High quality hybrid coater-laminator for greater flexibility



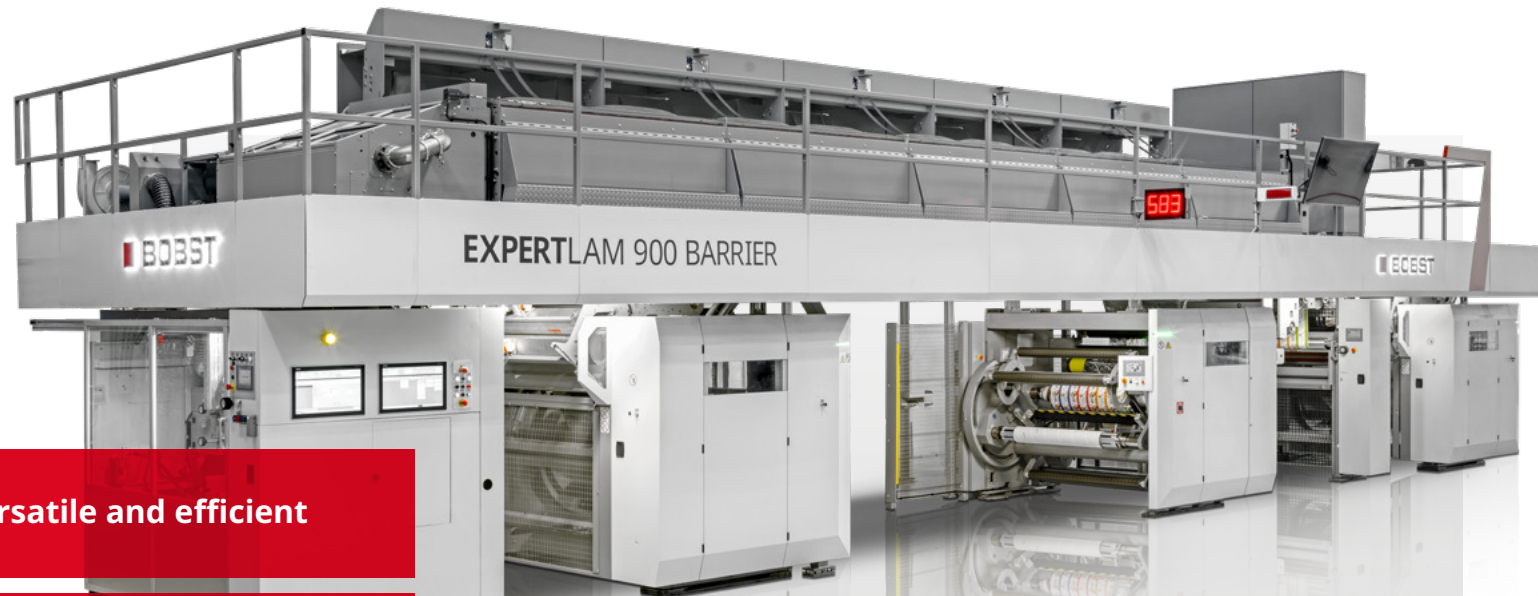
MULTI-TECHNOLOGY LAMINATION

EXPERTLAM 900

At a glance

Advancing productivity

The modular and widely flexible design of the **EXPERTLAM 900** is a result of the evolution of BOBST high-end laminators taking productivity to the next level. Combining BOBST extensive coating and laminating know-how in one single solution. With superior product quality and operator friendliness, the **EXPERTLAM 900** can be purchased as a basic laminating machine, taking the heritage of the VISION D850, or equipped with Barrier packages dedicated to the production of recyclable film and paper packaging.



Highly versatile and efficient

Superb product quality

Operator-oriented and safe

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EXPERTLAM 900

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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 design for application of different process technologies: rotogravure, flexo coating, solvent-less, flexo printing, pressurized chamber and twin roll trolleys
- For a variety of coating and laminating applications: solvent-based & water-based dry lamination, solventless lamination, in register cold seal coating on pre-printed substrates, in-register printing of one additional color and barrier coating
- Ideal for medium to large sized converters to diversify into coating applications such as barrier



Added-value advantages of barrier packages

- High machine configurability incorporating all the considerable advantages of BOBST Coating technology
- Hybrid dryer up to 5 sections (for a total of 12 m dryer)
- The Film Barrier package is equipped with features such as a strain control function for sensitive substrates
- The Paper Barrier Package includes BOBST coating expertise developed through years of work with Brand Owners and Converters delivering best in class barrier coating with the Twin Roll trolley

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Superior performance

- Coating flexo trolley for high speed coating of low grammage solvent-based adhesive directly on thin aluminium foil from the primary unwinder
- High performance in-register mark-to-mark technology when applying coatings on pre-printed materials
- Extra sized heated laminating drum, with extended wrapping angle, allowing heat transfer to the substrate
- Up to three cooling rollers for uniform cooling and temperature stabilizing for defect free winding
- Deflection compensating nip pressure roller for better footprint and long lasting rubber life



Superb product quality

- Very sensitive web handling of all substrates types, thicknesses and web combinations
- Latest trolley design delivering coating uniformity and superior optical quality for all applications
- Easy, fast coating technology change over

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Maximum Efficiency

- Hybrid dryer with dual technology nozzle obtaining maximum efficiency from the different nozzle types
- Highly effective drying with water-based adhesive applications
- Increased heat transfer and optimum air impact on both sides of the web, along the entire length
- Fully automatic bi-directional reel splice at machine production speed
- On pre-printed reels the BOBST Registron® control system restores the register on the new reel in a matter of seconds after the splice



Operator-friendly and safe

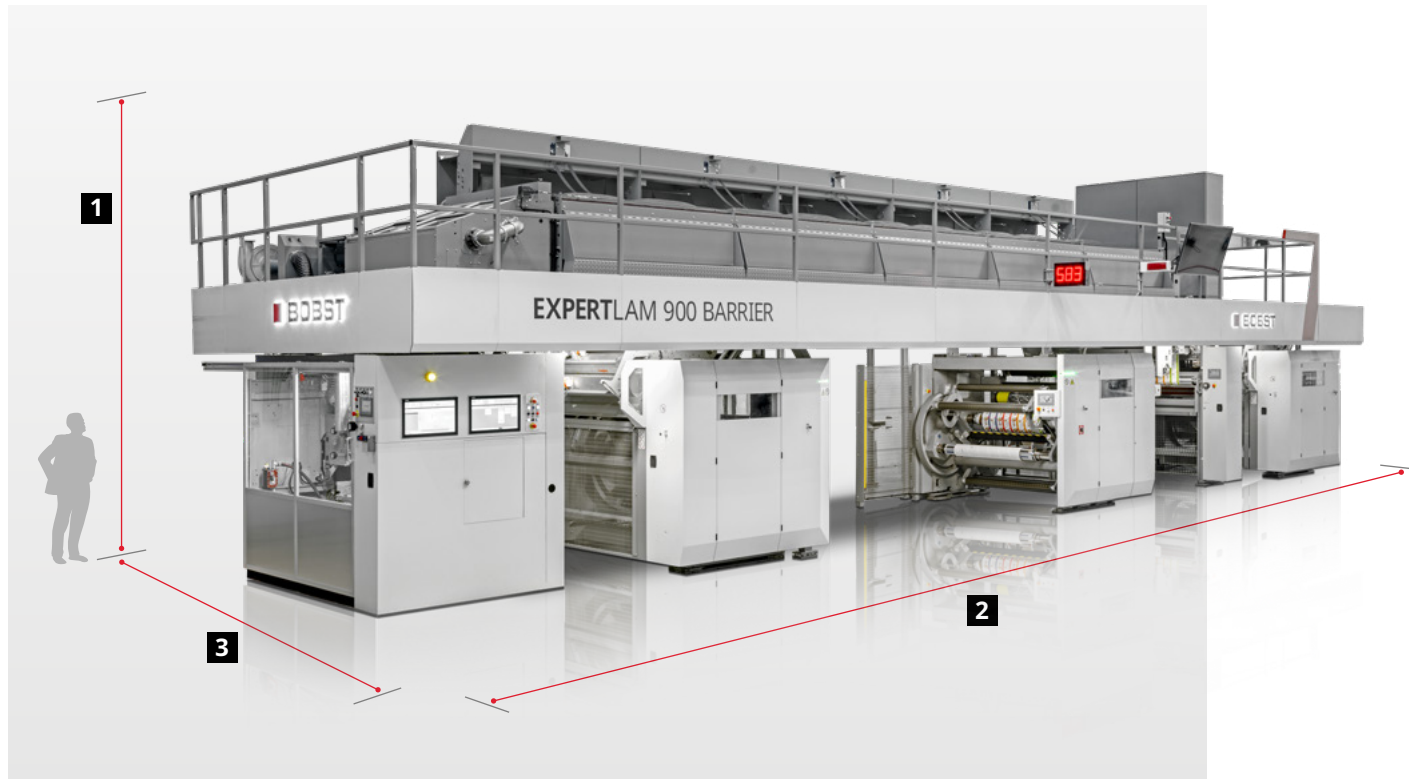
- Job changeovers completed in a matter of minutes without tools
- Dryer book-type opening up to 70° for optimum accessibility for web threading and cleaning
- Lamination nip at operator level for easier quality control and maintenance
- Coating unit fully enclosed for safer operation and reduced exposure to solvent vapours and fumes
- Operator can easily and rapidly switch between jobs at the touch of a button
- Fully integrated HMI for setting, display and storage of individual job parameters in easy to recall job recipes
- BOBST Connect ready

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1	EXPERTLAM 900 Barrier	
	5 m	16.4 ft*
2		
	19.5 m	64.0 ft*
3		
	6 m	19.7 ft*

1	EXPERTLAM 900	
	5 m	16.4 ft*
2		
	17 m	55.8 ft*
3		
	6 m	19.7 ft*

*Values may vary according to the configuration and accessories.

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Materials handled

Substrates	Film, laminates, paper, aluminium
Adhesives	Solvent-based, water-based, solventless

Capability

Web width	1350 - 1550 mm	53 - 61 in
Max mechanical speed	up to 450 m/min	up to 1476.4 ft/min
Winders type	Shafted/shaftless	
Reel diameter shafted winders	1000 mm	39 in
Reel diameter shaftless winders	1000 mm	39 in
Heating system	Thermal oil, steam, electric, gas burner	

Trolley


EXPERTLAM 900 Barrier EXPERTLAM 900

Gravure	Available	Available
Solventless	Available	Available
Flexo printing	Available	Available
Flexo Coating	Available	Available
Twin Roll	Available	
Pressurized chamber doctor blade	Available	
In-register applications: cold seal, lacquer, one color printing	Available	Available

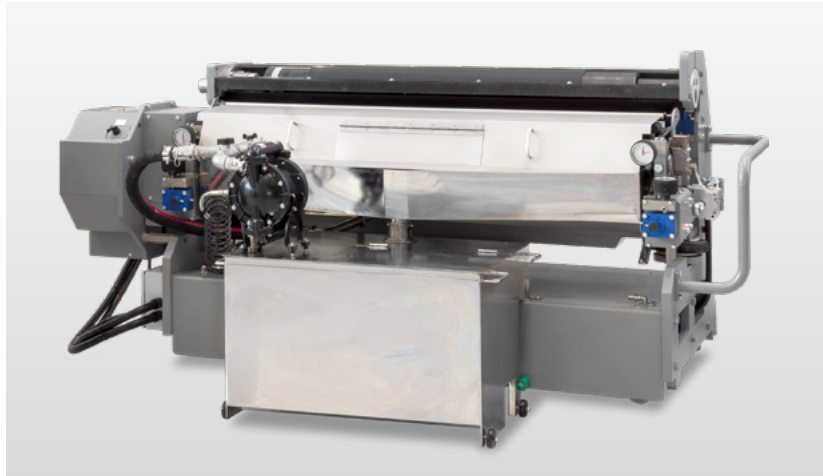
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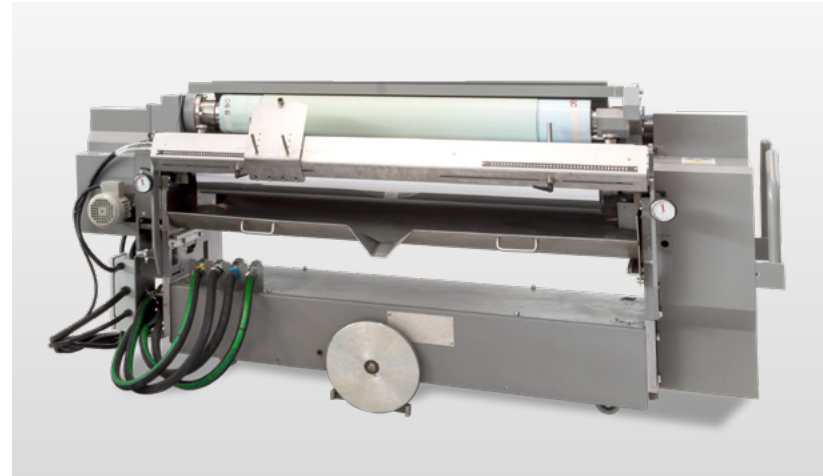
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Flexo Coating Trolley

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 smoother adhesive distribution, a lower coating weight with comparable bond strength, as well as a wider 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 on 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.



Flexo Printing trolley

The trolley design benefits from BOBST's extensive know-how and experience with CI Flexo printing lines together with our know-how on laminating trolley solutions. These cross-technology synergies have been exploited to provide the ability to print/coat in register on a pre-printed material with one of the most common printing technology for flexible packaging. This trolley allows BOBST customers full flexibility to use the laminating machine with all existing technologies.




In-register applications: cold seal, lacquer, one color printing

The exclusive Registron® mark-to-mark reading of the longitudinal and lateral register on pre-printed 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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Twin Roll Coating System

The twin roll trolley coating system has been designed for both water or solvent based coating applications. It can handle a very wide range of coating weights, viscosities and solid content. With options of forward and reverse rotation for primer, lacquers and top coating and suitable as well for heat seal applications. The system design is based on the unique experience of BOBST oneBARRIER processes, PrimeCycle and FibreCycle.



Pressurized Doctor Blade Chamber

With its unique design, BOBST Pressurized Chamber Doctor Blade trolley allows for good coating weight flexibility without changing the engraved cylinder. It has been designed for high internal pressure and the 2-chamber layout allows for high optical quality thanks to the reduced air entrapment. The blade holder clamping system can be removed quickly and without tools for a fast blade changeover without discharging the laquer. The trolley can be used in forward and reverse rotation with fast set-up.

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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

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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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Efficient, flexible, high performance

WWW.BOBST.COM/EXPERTLAM 900



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