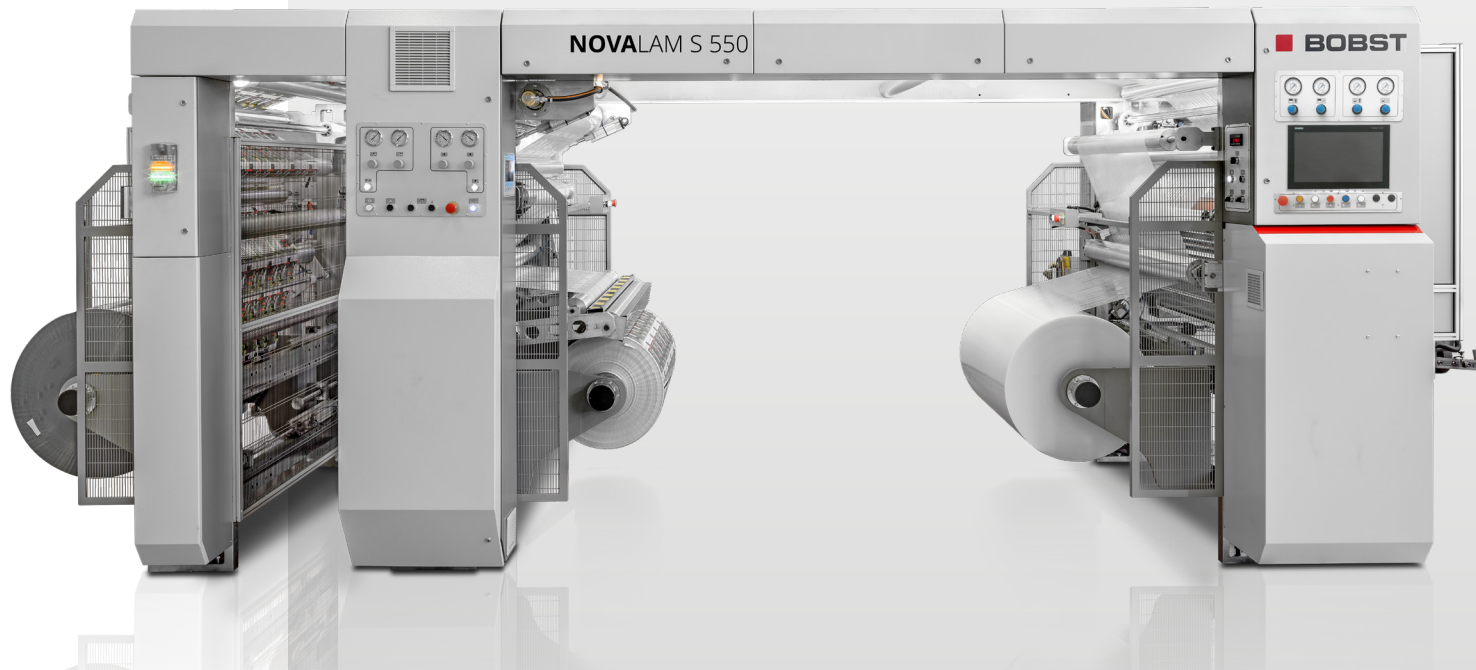


Flexible and cost-effective production



SOLVENTLESS LAMINATION

NOVALAM S 550

At a glance

Leading sustainability

A cost-effective, compact, solventless laminator, the **NOVALAM S 550** is the perfect choice for converters. Incorporating a patented, automatic integrated washing system and the unique BOBST three column layout for maximum accessibility. With plug and play installation, the **NOVALAM S 550** can be in production, 5 days after arrival at the customer's site. Every converters' choice.



Versatile, flexible,
ready to start

Productivity & quality
from short runs upwards

BOBST Connect Essential, data
and connectivity, as standard

BOBST

NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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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.



NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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Benefits and features 1 - 3



Versatile & flexible

- Delivering the most efficient performance for all production lengths on a wide range of substrates and thicknesses
- Plug and play installation: in production, 5 days after arrival at site
- Faster return on investment than ever before
- Equipped with sleeve transfer rollers for easy and fast job changeover



User-friendly & operator-safe

- Compact and modular three column design, unique to BOBST for fast and easy access for cleaning and maintenance
- Great accessibility to laminating nip and all machine areas
- Easy cleaning with electro-galvanized coating unit column
- Fast and toolless job changeovers
- Operator safe and easy to clean sliding glass closure of coating unit
- One touch, error-free patented onboard automatic washing system



High productivity & performance

- Up to 2.900.000 m²/year additional productivity thanks to super-fast transfer roller change over times in **under 90 seconds**
- Up to 1.900.000 m²/year additional productivity thanks to the BOBST patented, automatic and fully integrated washing system with cleaning in **under 5 mins**
- High efficiency fumes exhaust with double fans for laminating and coating station
- The motorized driven rollers provide a higher flexibility of speed setting (range from 30 to 120%) therefore increased flexibility of the coating weight range
- Superior optical quality with three rolls laminating nip configuration.

NOVALAM S 550

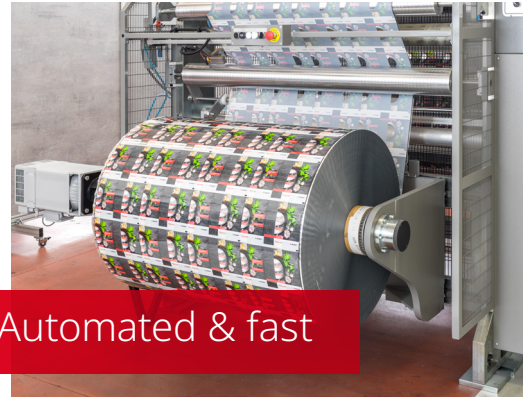
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

Benefits and features 4 - 6



Production cost optimization

- Patented on-board automatic washing system offers considerable time saving and waste reduction
- The pneumatic opening of the metering roller saves time and costs
- Time saving and waste reduction with the automatic reel centering system with linear encoder
- High uptime with job changeover in under 15 mins



Automated & fast

- Automatic on-board washing system with specific and customized parameters
- Automatic reel centering with rechargeable parameters for fast job repeats (exclusive BOBST technology)
- Automatic filling of coating unit with heated pipes, adhesive quantities are more effective as they are measured by load cell



Smart solutions

- High efficiency fumes exhaust with double fans for laminating and coating station
- The use of two smaller fans instead of the more common single larger fan significantly reduces operation noise
- The smaller fans reduce vibrations and stop dust particle contamination on materials being processed, therefore reducing material waste

NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect



NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

	NOVALAM S 550	
1	2 m	6.6 ft*
2	6 m	19.7 ft*
3	2.8 m	9.2 ft*
4	Access between columns	0.65 m 2 ft*

*Values may vary according to the configuration and accessories.

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Materials handled

Substrates	Film, laminates, paper, aluminium
Adhesives	Solventless

Capability

Web width	1030 - 1330 - 1530 mm	40.5 - 52.3 - 60.2 in
Max mechanical speed	450 m/min	1476 ft/min
Winders reel diameter	1000 mm	39.4 in
Winders type		Shatfless

Adhesive mixing

Mixer solutions	Available
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NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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Related products



ADHESIVE WEIGHT MANAGEMENT

SYNAPTIK gScan is an inline adhesive weight measurement and self-adjustment system for the laminating process. It enables faster laminator set-up by reducing manual sampling for each job and optimizes adhesive consumption by providing complete control of adhesive application in real time. It ensures the highest quality laminated jobs, as well as reducing film waste.



ADHESIVE MIXERS

The range of adhesive mixers delivers optimum performance according to production requirements.



LASER UNIT

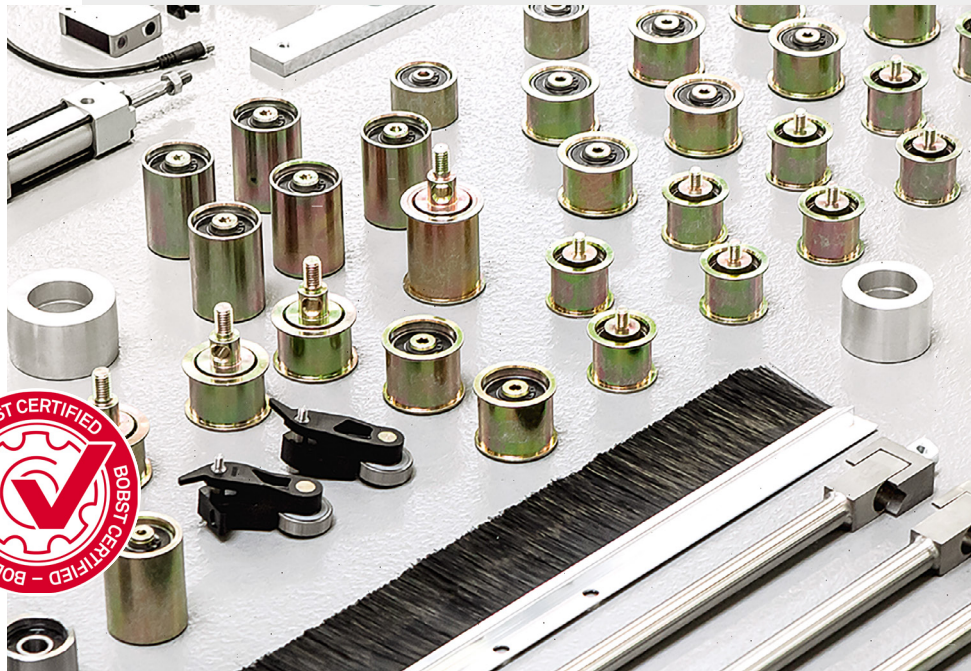
Inline laser unit for window packaging, easy opening, bar scoring and micro perforating. Being inline is not only ergonomic but it provides a perfect, high precision perforation and lamination, directly linking the machine speed to the slitting design. Intelligent system enables the machine to estimate the optimal working speed for each specific job.

NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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

[> LEARN MORE](#)

NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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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

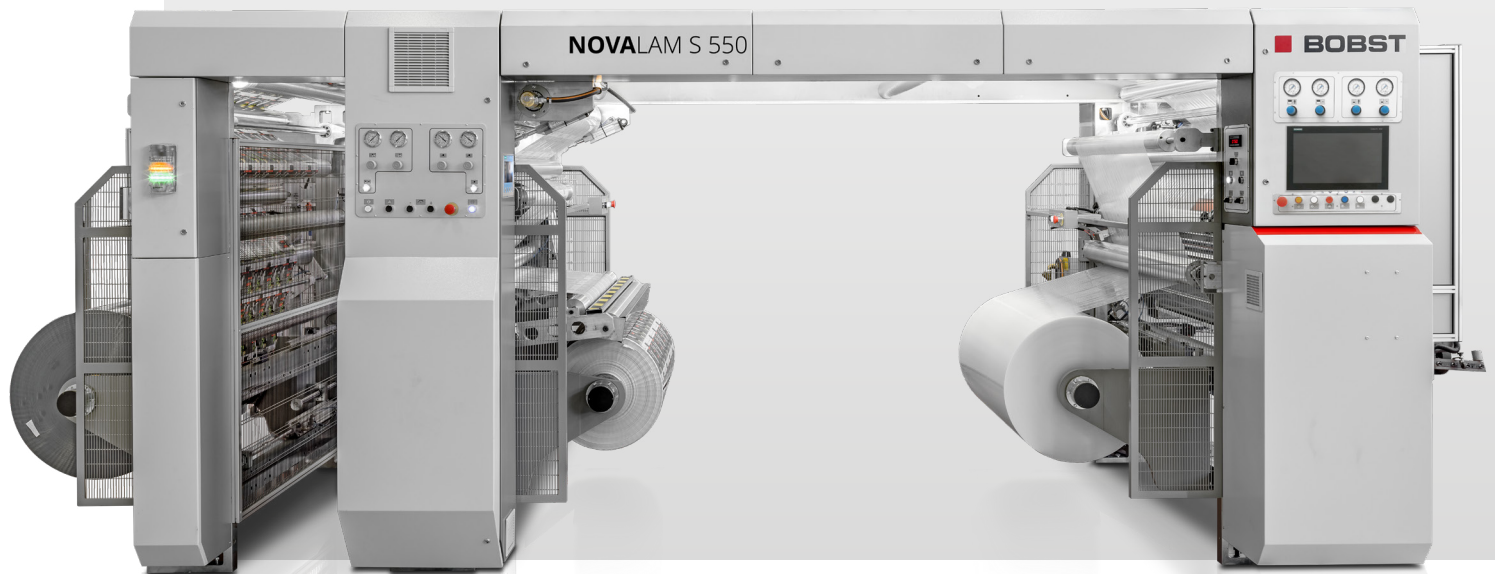
NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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NOVALAM S 550

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 3
 - > 4 - 6
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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