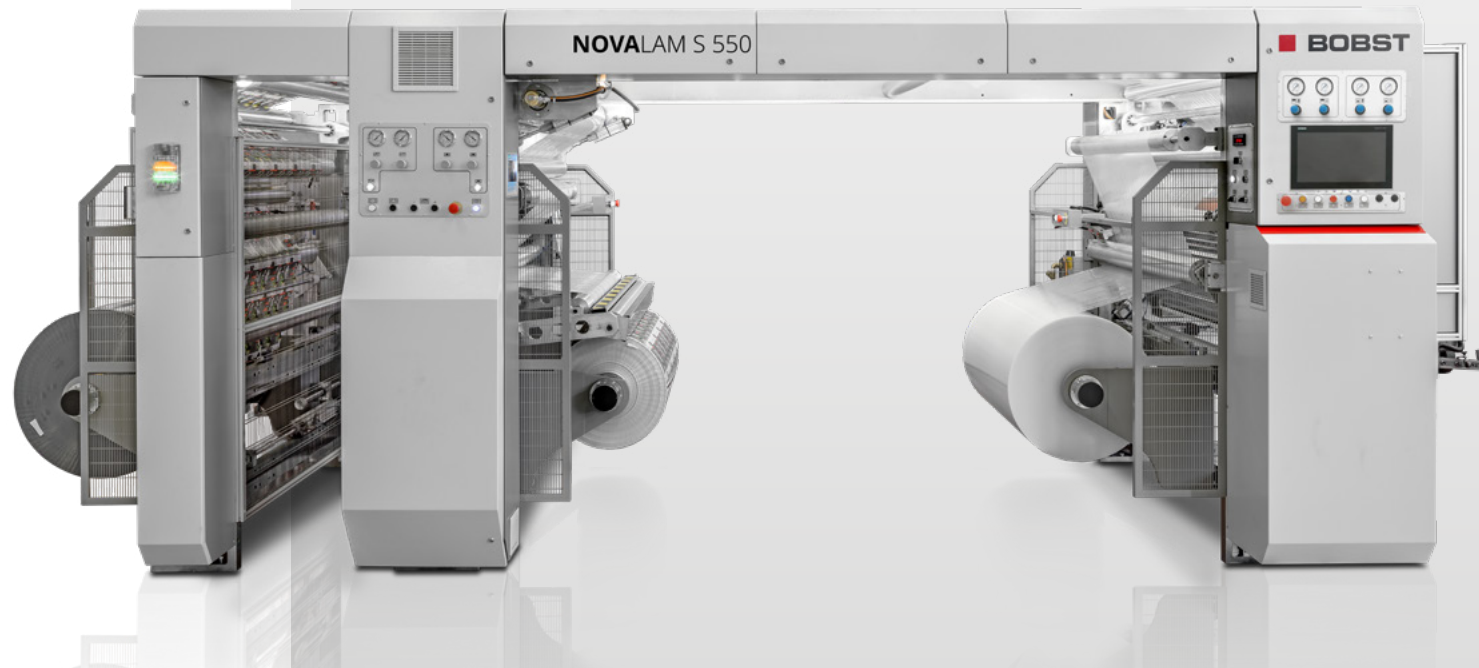


Solventless lamination for the digital market



SOLVENTLESS LAMINATION

NOVALAM MW

At a glance

Leading sustainability

Responding to the evolution requirements of the flexible packaging market, the mid-web solventless **NOVALAM MW** is the ideal solution to combine lamination with a digital printing machine. Very compact in size but featuring the quality of BOBST wider-web laminators, it is optimized to work with 800 to 400 mm reels. Operation is especially efficient with ultra-short to short run production, as well as reliable and sustainable with all substrate and solventless adhesive types.



Compact, highly productive,
ready to start

Cost optimization,
easy operation

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

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NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > 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 MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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Benefits and features 1 - 2



Solution for the flexible packaging digital market

- Handles a variety of substrates, including thin alu-foil, metallized film and thin stretchable materials
- Solventless lamination is particularly suitable for digitally printed solutions
- The 400-830 mm web width makes it ideal to complement narrow- mid web digitally printed flexible packaging applications
- Handles reels up to 1000 Kg
- Lamination speed up to 350 m/min
- Optimized overall dimensions for limited footprint
- Plug & play installation - no foundation needed, averages 1 week from arrival to production
- 4.0 industry ready for post processing data



Optimisation of production costs

- Ideal narrower-web configuration for efficient operation with minimum downtime for ultra-short and short run production
- Patented design of long-life side retainers improves the laminator's efficiency and decreases costs
- Very fast job changeovers completed in minutes without tools. On-board rotating cantilever system for sleeve type roll
- Pneumatic opening of metering roller for quick and easy adhesive disposal saving time and costs
- BOBST adhesive mixer solutions for effective adhesive quantity control, matching production requirements

NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect



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Benefits and features 3 - 4



Easy and safe operation

- Compact and modular design for fast and simple operation
- Toolless job changeovers
- Optimum accessibility to all machine areas
- Safe and easy to clean sliding glass closure of coating unit
- Smart solution of two small fans replacing conventional single large fan lowering noise and avoiding dust particle contamination
- Fully integrated HMI. Intuitive easy to read pictograms, commands for the setting, display and storage of individual job working parameters
- Easy cleaning with electro-galvanized coating unit column



High quality and productivity

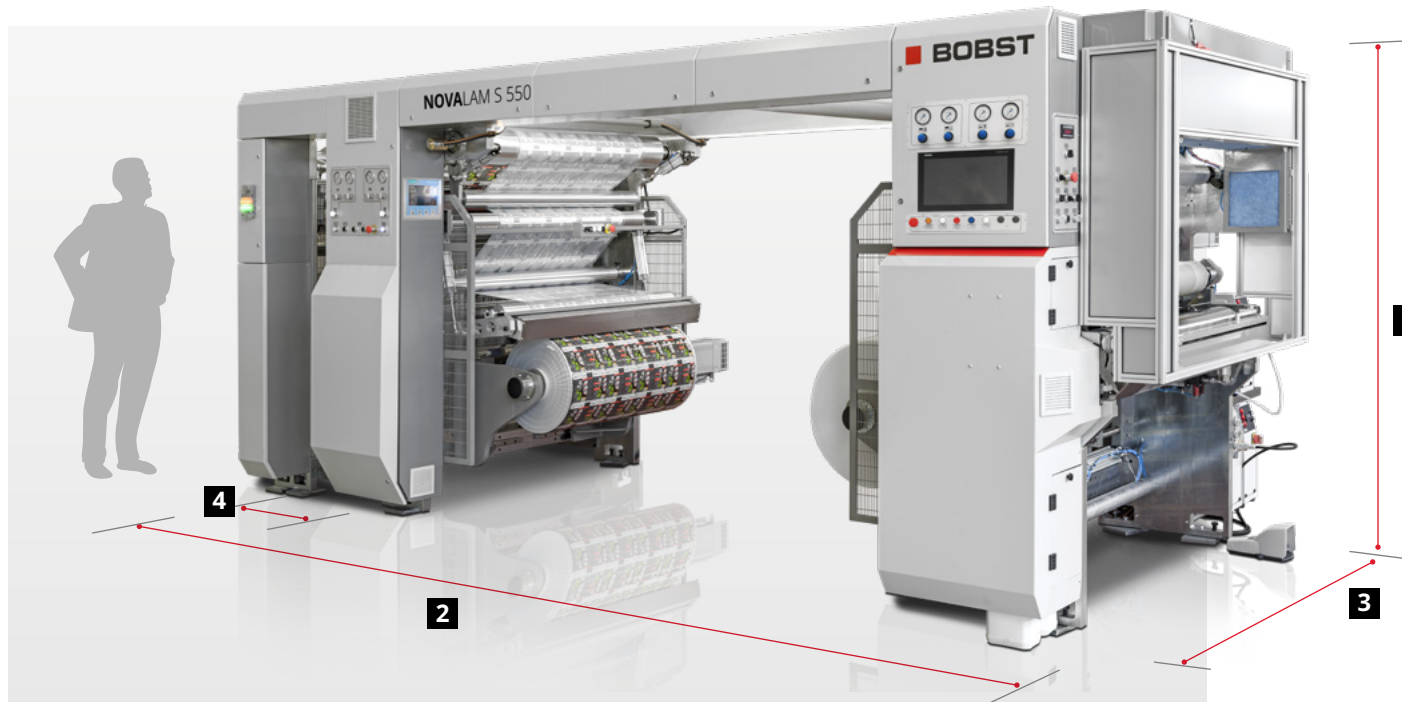
- Renowned high precision web handling capabilities and performance with all substrates types for premium quality of laminates
- Perfect coating adhesive distribution thanks to micrometric adjustment doctoring roll
- Availability of productivity-enhancing options:
 - Patented fully integrated automatic washing
 - Independent setting of thermal regulation for coating unit and metering rolls
 - Cooling roller after laminating unit
 - Coating thickness measurement system
 - Anodized idle rollers

NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

1	NOVALAM MW	
	2.9 m	9.5 ft*
2	5.3 m	17.3 ft*
3	2.3 m	7.5 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	830 mm	32.7 in
Max mechanical speed	350 m/min	1149 ft/min
Winders reel diameter	1000 mm	39.4 in
Winders type	Shatfless	


Adhesive mixing

BOBST Mix mixer	Available
BOBST Mix EVO mixer	Available

NOVALAM MW

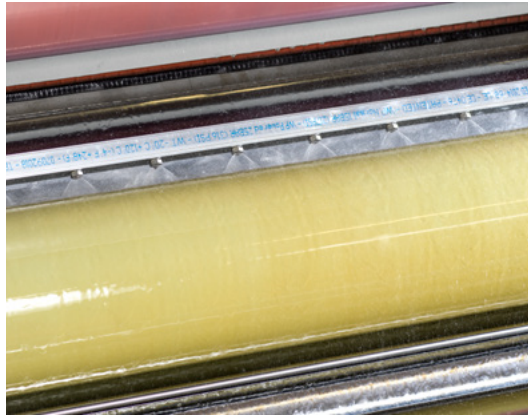
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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Related products



ON-BOARD WASHING

Exclusive and patented on-board washing system. Requiring less operations, it enables a considerable reduction of downtime and waste. A full washing cycle is completed in less than 5 minutes and the easy parameter set-up takes less than 60 seconds.



ADHESIVE MIXERS

The range of BOBST adhesive mixers delivers optimum performance according to production requirements. BOBST Mix offers more effective mixing control as heated pipes fill the coating unit automatically. The solution is even more reliable as the adhesive quantity inside the drums is measured by load cell, providing higher quality laminating with less risk of mix ratio. Gear pump is connected by joint to the motor meaning extremely low maintenance. BOBST Mix EVO for two different hardeners is also available.



NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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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](#)

NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > 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

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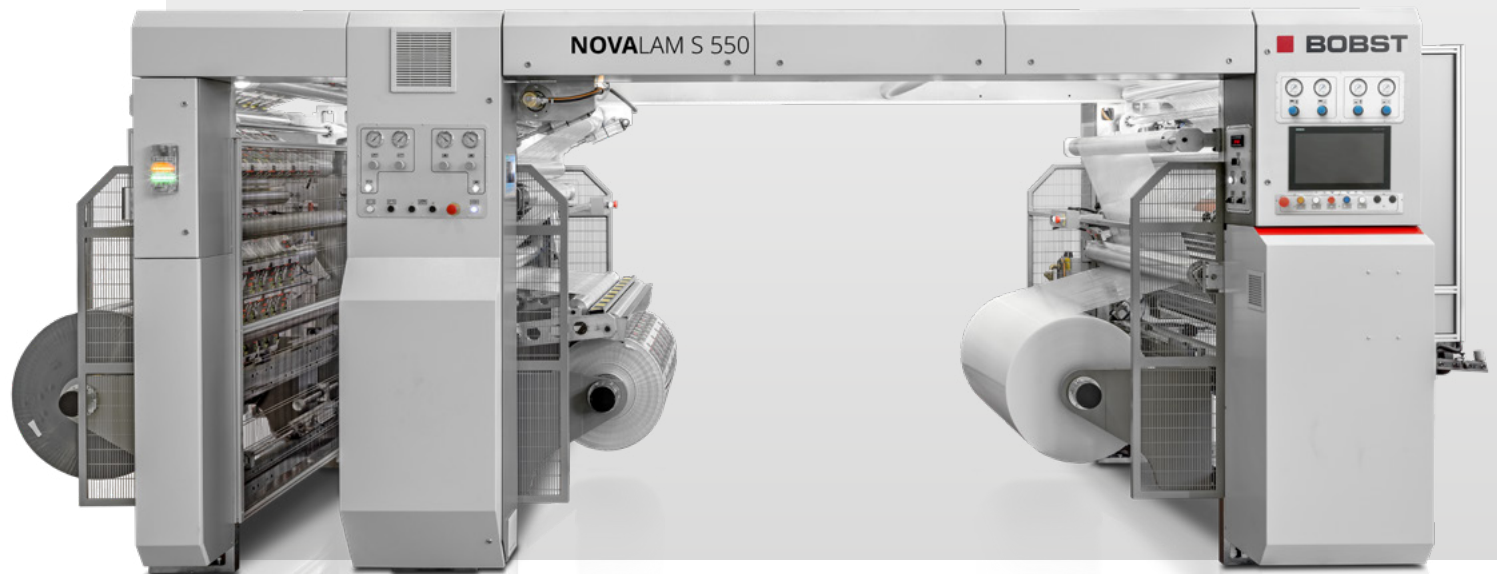
- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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NOVALAM MW

- > At a glance
- > Packaging market
- > Benefits and features
 - > 1 - 2
 - > 3 - 4
- > Specifications
 - > Measurements
 - > Technical information
- > Related products
- > Services
 - > General services
 - > BOBST Connect

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