

# **Flexible and cost-effective** production



**LAMINATING**

**NOVA SX 550 LAMINATOR**

At a glance

**BOBST**

# Advancing flexibility

Modular and compact, the solventless **NOVA SX 550 LAMINATOR** is the ideal production tool when true flexibility is required by converters that expect to be able to deliver on today's countless variety of job application demands, timely and qualitatively. Irrespective of job lengths, substrate and adhesive types, this small great machine will increase the user's competitive edge with cost-effective, reliable and sustainable operation.

## NOVA SX 550 LAMINATOR

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

Versatile, flexible,  
**ready to start**

Productivity & quality  
**from short runs upwards**

Cost optimization and  
**easy operation**



**REQUEST  
CONSULTING**

 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020

# 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.



## **NOVA SX 550 LAMINATOR**

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

 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020



### Versatile & flexible

- Delivering the most efficient performance for all production lengths on a wide range of substrates and thicknesses
- The highly modular architecture can be configured with either sleeve or monolithic/integral transfer rollers
- Maximum flexibility on transfer rollers with sleeves that are interchangeable with other BOBST machines and the majority of existing roller types



### User friendly & operator safe

- Great accessibility to laminating nip and all machine areas
- Compact and modular three column design, unique to BOBST
- Easy cleaning with electro-galvanized coating unit column
- Fast and tool free job changeovers
- Operator safe and easy to clean sliding glass closure of coating unit
- One touch, error free patented on-board automatic washing system
- Fast plug and play installation, in production just one week after arrival



### High productivity & performance

- 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 configuraton.
- High uptime with job changeover in under 15 mins, extremely fast sleeve type transfer roller change in less than 90 seconds and cleaning time in under 5 minutes
- Dedicated service trolley for rapid and smooth change of monolithic/integral transfer roller

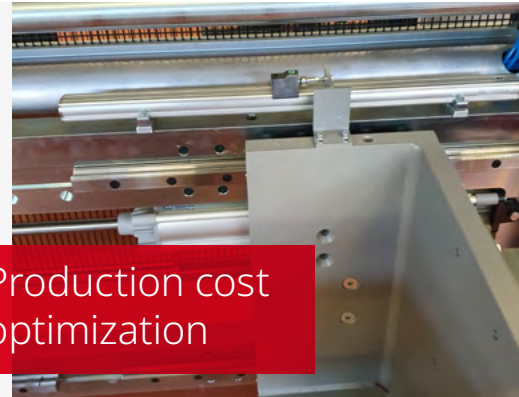
#### NOVA SX 550 LAMINATOR

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

 Print responsibly

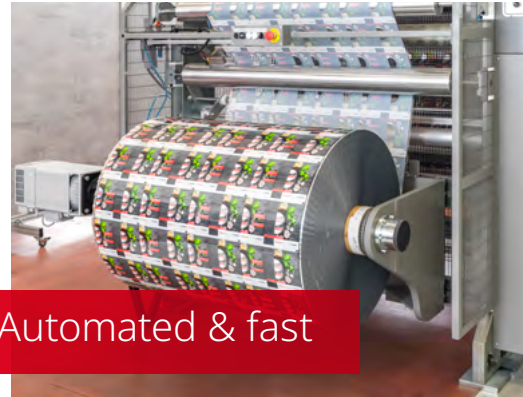
Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020





### 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



### 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
- Plug and play installation to be fully running and connected in just one week from arrival to production



### Smart solutions

- 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

### NOVA SX 550 LAMINATOR

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



Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020



**NOVA SX 550  
LAMINATOR**

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

1 NOVA SX 550 LAMINATOR		
	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.

 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020

### Materials handled

Substrates	Film, laminates, paper, aluminium
Adhesives	Solventless

### Capability

Web width	1000 - 1300 - 1500 mm	39 - 51 - 59 in
Max mechanical speed	450 m/min	1476 ft/min
Winders reel diameter	1000 - 1200 mm	39 - 47 in
Winders type		Shatfless


### Adhesive mixing

BOBST Mix mixer	Available
BOBST Mix EVO mixer	Available

### NOVA SX 550 LAMINATOR

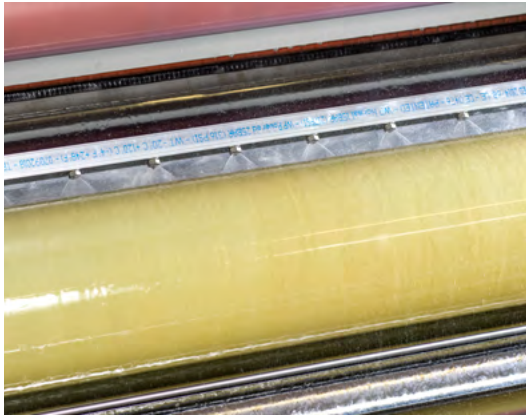
- > At a glance
- > Packaging market
- > Benefits and features
  - > 1 - 3
  - > 4 - 6
- > Specifications
  - > Measurements
  - > Technical information
- > Related products
- > Services
  - > General services
- > Your dream machine

**REQUEST  
CONSULTING**

 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020

## 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.



### 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.

### NOVA SX 550 LAMINATOR

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

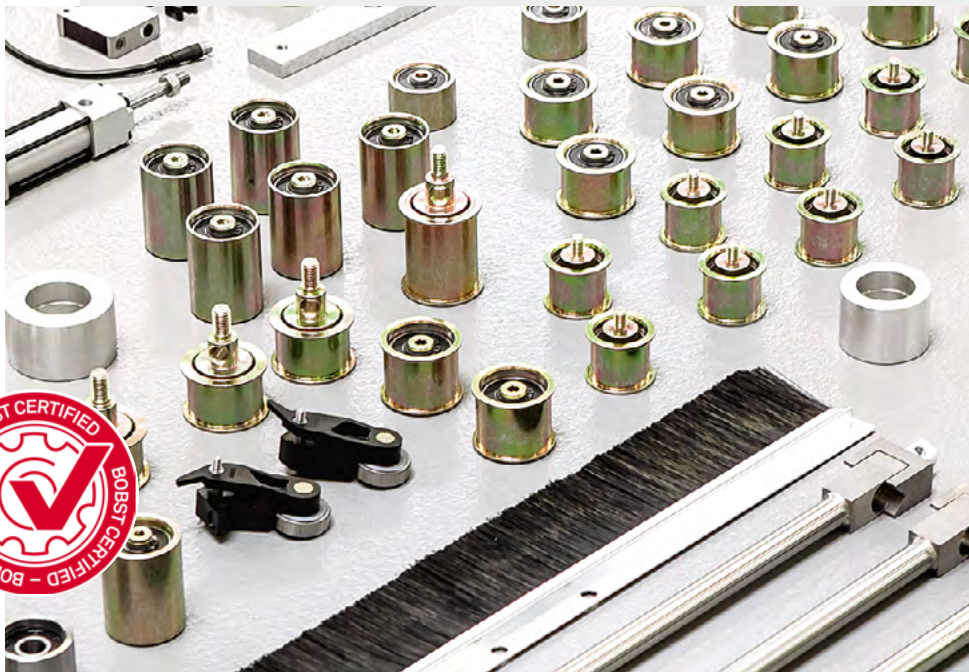
 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020



# 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

[> LEARN MORE](#)

## Machine upgrades

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

[> LEARN MORE](#)

## NOVA SX 550 LAMINATOR

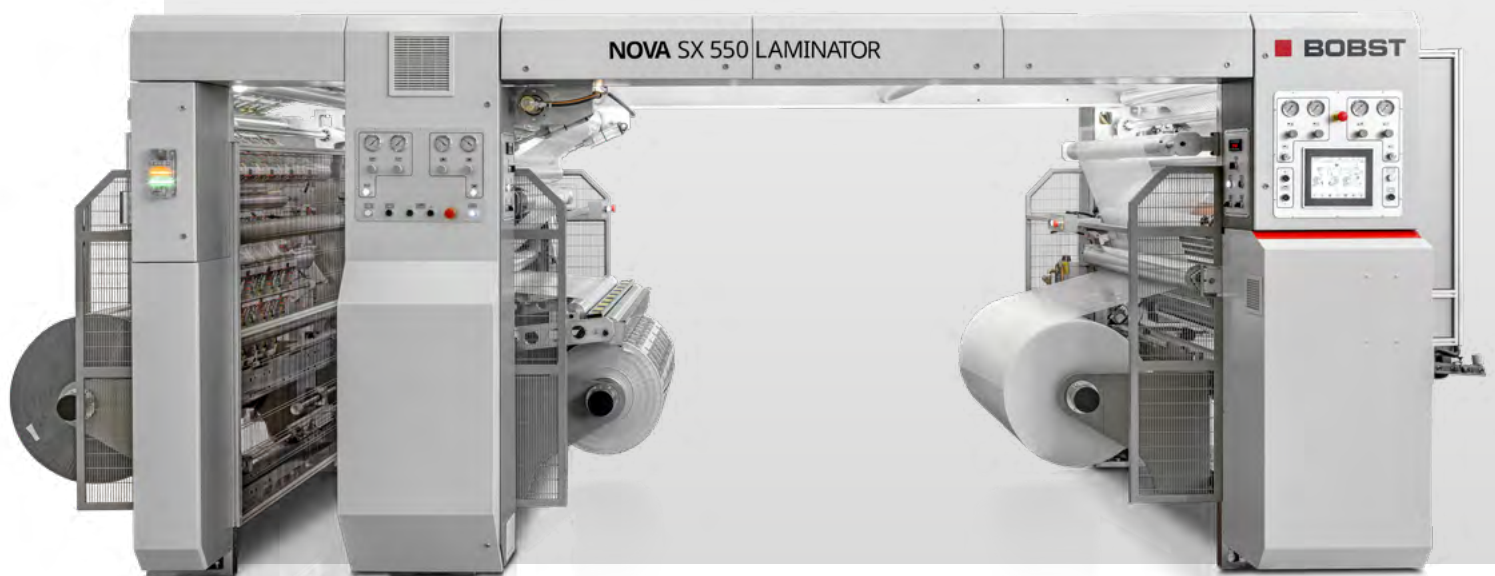
- > At a glance
- > Packaging market
- > Benefits and features
  - > 1 - 3
  - > 4 - 6
- > Specifications
  - > Measurements
  - > Technical information
- > Related products
- > Services
  - > General services
  - > Your dream machine

Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020

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

[WWW.BOBST.COM\NOVASX550](http://WWW.BOBST.COM\NOVASX550)



## **NOVA SX 550 LAMINATOR**

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

**REQUEST  
CONSULTING**

 Print responsibly

Data is not binding.  
Non-contractual pictures.  
The manufacturer reserves  
the right to make  
modifications without notice.  
© BOBST SA 2020  
BUWF-NSX550-EN-072020