

**Simply
great quality**



LAMINATED BOARD

NOVASTAR

At a glance

BOBST

Cost effective

User friendly sheet to sheet laminator for small to large production volumes. Versatile and ergonomic. The **NOVASTAR** can be set up quickly manually without tools and delivers efficient and reliable production of high quality laminated board.

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

**REQUEST
CONSULTING**

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Page 2/14

Easy
operation

Innovative
sheet feeding

Reliable
precision



Creating value

BOBST innovations
are driven by customer
and brand owner needs.

[> READ MORE](#)

Good protection and safety

Protecting the goods is the main requirement for corrugated boxes meaning high quality, clever designs, robustness and zero-fault.

Customized, premium, secured

Boxes play a new role where customization, high-graphics and security features are required.

Out of the box experience

Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

e-commerce

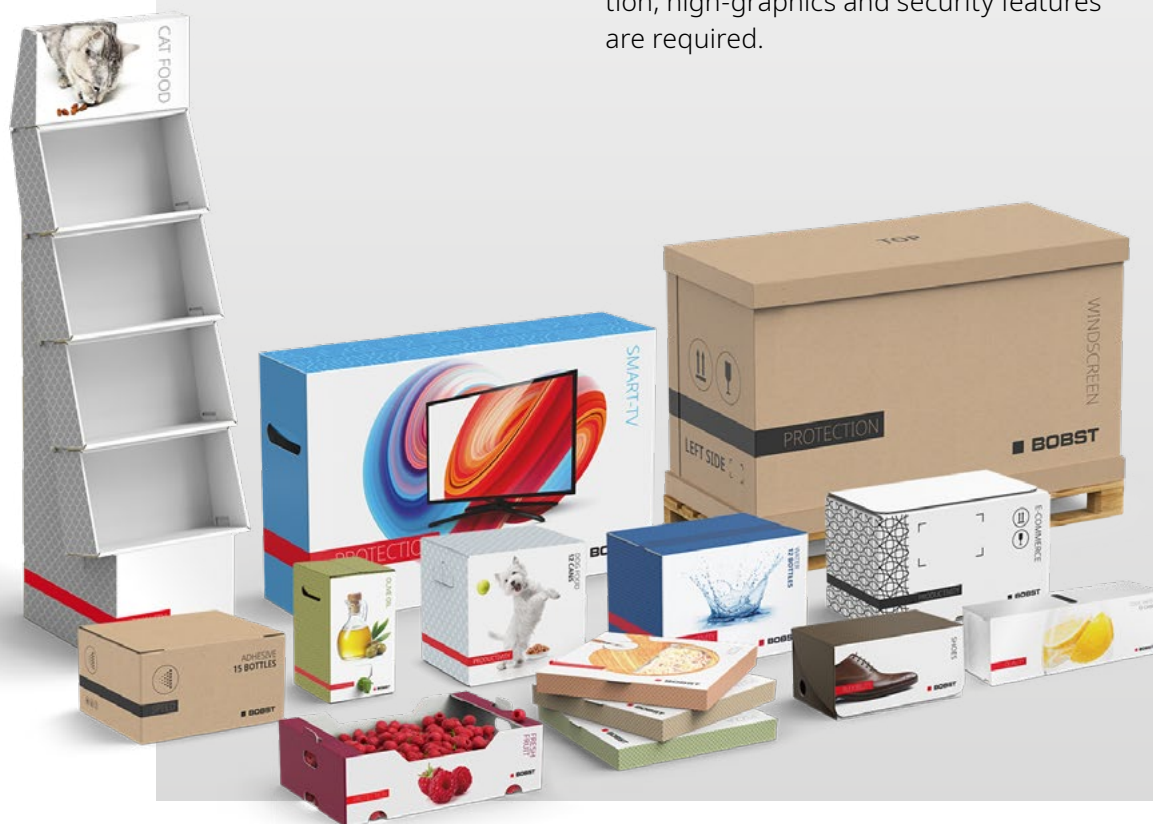
The demand is growing and is here to stay. Boxes need to come in almost any size and shape, requiring flexibility and productivity across the supply chain.

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.

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services



Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Creating value

BOBST innovations
are driven by customer
and brand owner needs.

[> READ MORE](#)

Functional packaging and protection

Protecting the goods in a clever way is required. Single serve, multi-packs, re-sealable, see-through.

Customization, versioning, personalization

Packaging needs to reach all segments of the society taking almost any shape and size from very short runs to reprint and long runs. All with the best color consistency.

e-commerce & omni-channels

Multiple retail formats set new requirements for packaging. On-demand production, timely delivery across multiple designs, shapes and sizes.

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.



NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219



Easy operation

Easy set-up

- Touchscreen operation
- Manual set-up with handwheels and measuring scale
- Adjustable during production run
- Motorized setting of stack sensors



Innovative sheet feeding

Suction head

- Bobst suction head
- Adapted for large format sheets
- Continuous pile centring of printed sheets
- Double sheet detection
- 6'000 sh/h as maximum performance



Reliable precision

Front stop

- Mechanical front stop
- Electronic sensor for substrate edge detection
- Front overlap adjustable during production run

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services



Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219



Perfect
gluing

GAPRO NANO (optional)

- Significant reduction of glue consumption
- Perfect metering system
- Creates an even glue film
- Enables full surface gluing of solid board or singlewall substrate sheets



Extended
capabilities

Special Litho sheet Sensor (optional)

- For ultra low sheet base weight and / or foiled / coated papers

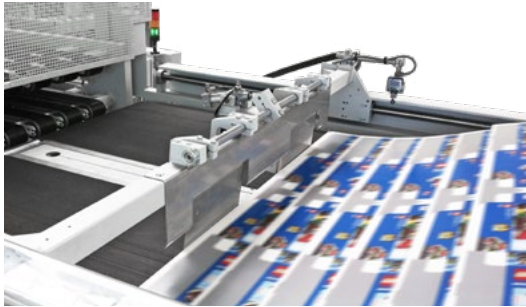
NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Related products



Bundle inverter (flip-flop)

Package height max. 100mm / 4",
Bypass, Flip-Flop or Inverter mode,
Re-shingling unit in front of down stacker,
Safety devices and fencing.



Delivery system and stack transfer

Wide range of stacking systems, with or
without pallets.
Customer-tailored solutions from manual
table up to nonstop stacker



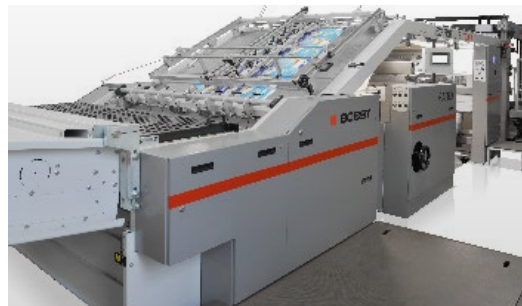
> EXPERTSTAR

Versatile performer
Side lay register.
Fully MATIC set-up (Option)



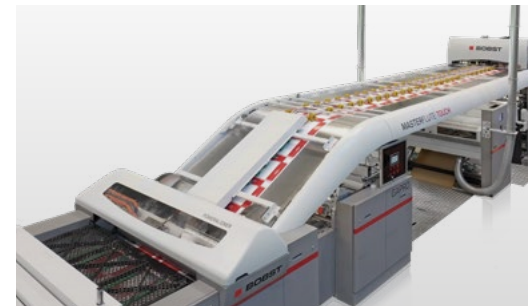
> MASTERSTAR

For the highest productivity
Fully MATIC set-up
POWER ALIGNER light



Off-line laminator lines

Production of sheet to roll



In-line laminator lines

Integrated production of sheet to web

NOVASTAR

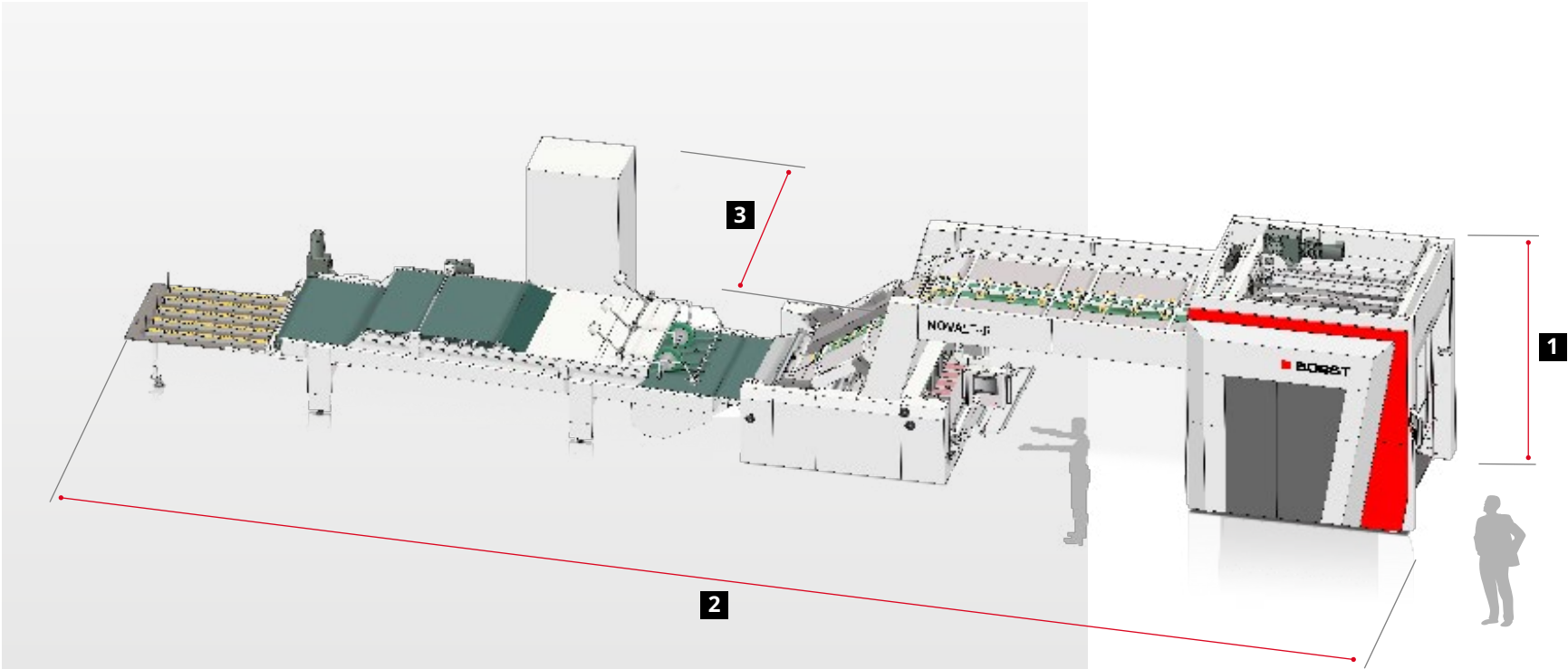
- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services



1			
	3.10 m	10.50 ft	*

2			
With manual bundle take off	17 m	55.77 ft	*
With bundle delivery manual take off	21 m	68.90 ft	
With stacker	24 m	78.74 ft	
With bundle inverter and stacker	27 m	88.58 ft	

3			
	2.60 m	8.53 ft	*

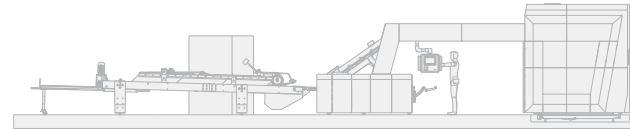
* Values may vary according to the configuration.

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

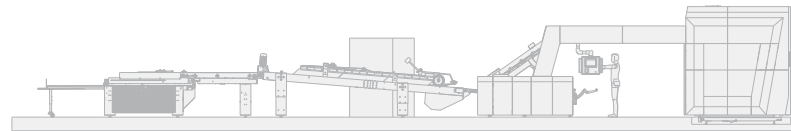
NOVASTAR

- Delivery table to manually unload and handle the laminated sheet



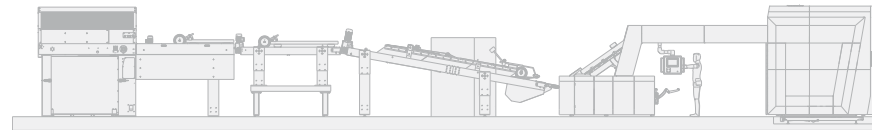
NOVASTAR

- Manual bundle take-off
- Bundle delivery
- Bundle removal table height max. 100 mm / 4"



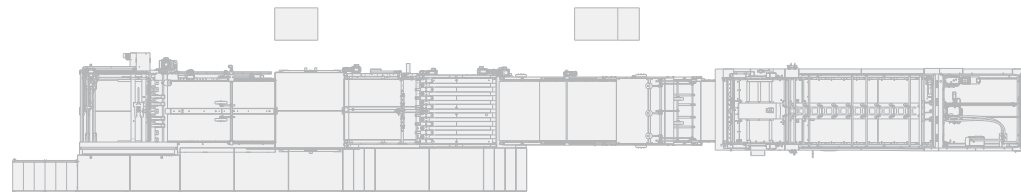
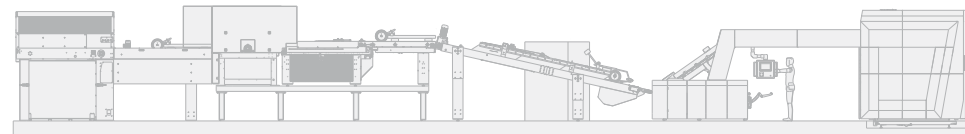
NOVASTAR

- Matic Non-stop down stacker
- Stack carrier plate
- Safety devices and fencing



NOVASTAR

- Bundle inverter (Flipflop)
- Matic Non-stop down stacker
- Stacker carrier plate
- Safety devices and fencing



NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Convertible stock

NOVASTAR

Printed sheet base weight	180 / 500 gsm	37 / 102 lb/msf
Substrate single wall flutes	B / C / D / E / F / N	
Substrate double wall flutes	up to C / C	
Substrate caliber max.	10 mm	0.40 in
Substrate solid board base weight min.	380 gsm	78 lb/msf
Substrate solid board caliber min.	0.7 mm	0.028 in

Format sizes

Sheet size, max. L x W	1,650 x 1,650 mm	65 x 65 in
Sheet size, min.	500 x 500 mm	20 x 20 in

Speed

Production speed (s/h)		6,000
Production speed	120 m/min	400 fpm

Sheet registration

System	Mechanical w/ side lay	
Register accuracy < 3,500 s/h	+/- 0.75 mm	+/- 0.03 in
Register accuracy > 3,500 s/h	+/- 1.0 mm	+/- 0.04 in

Glue unit

System:	Standard
---------	----------

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

**REQUEST
CONSULTING**

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Left side view

Front view

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

Rear view

Right side view

REQUEST CONSULTING

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

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](#)

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 - 3
 - > 4 - 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Switch on digital transformation

BOBST Connected Services ensures your business is ready for the changing world of digital manufacturing. Our technical support brings full connectivity to your equipment and processes – providing you with a wealth of real-time data, analytical tools and expertise – helping you work smarter and more productively.



Helpline Plus

- Remote access intervention, with BOBST technicians
- Expert support, eight hours a day, five days a week
- Maintain production, reduce callouts by 80%

Helpline Premium*

- All the features of Helpline Plus, available 24 hours a day, seven days a week

Helpline Plus AR

- Enhanced remote assistance with Augmented Reality
- Visual instructions right in front of you
- Available for internal use

[> WATCH VIDEO](#)

Helpline Premium* AR

- All the features of Helpline Plus AR, available 24 hours a day, seven days a week

*24/7 support in selected areas.

NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

REQUEST SERVICE INFORMATION

Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves the right to make modifications without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219

Simply great quality

> WWW.BOBST.COM/NOVASTAR



NOVASTAR

- > At a glance
- > Packaging market
 - > Corrugated board
 - > Folding carton
- > Benefits and features
 - > 1 – 3
 - > 4 – 5
- > Related Products
- > Specifications
 - > Measurements
 - > Configurations
 - > Technical information
 - > 3D view
- > Services
 - > General Services
 - > Connected Services

**REQUEST
CONSULTING**

 Print responsibly

Data is not binding.
Non-contractual pictures.
The manufacturer reserves
the right to make modifica-
tions without notice.
© BOBST S.A. 2019
BUSF-NOSTA-EN-1219