

Simply
great quality



LAMINATED BOARD

NOVASTAR

At a glance

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.

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Easy
operation

Innovative
sheet feeding

Reliable
precision



Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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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

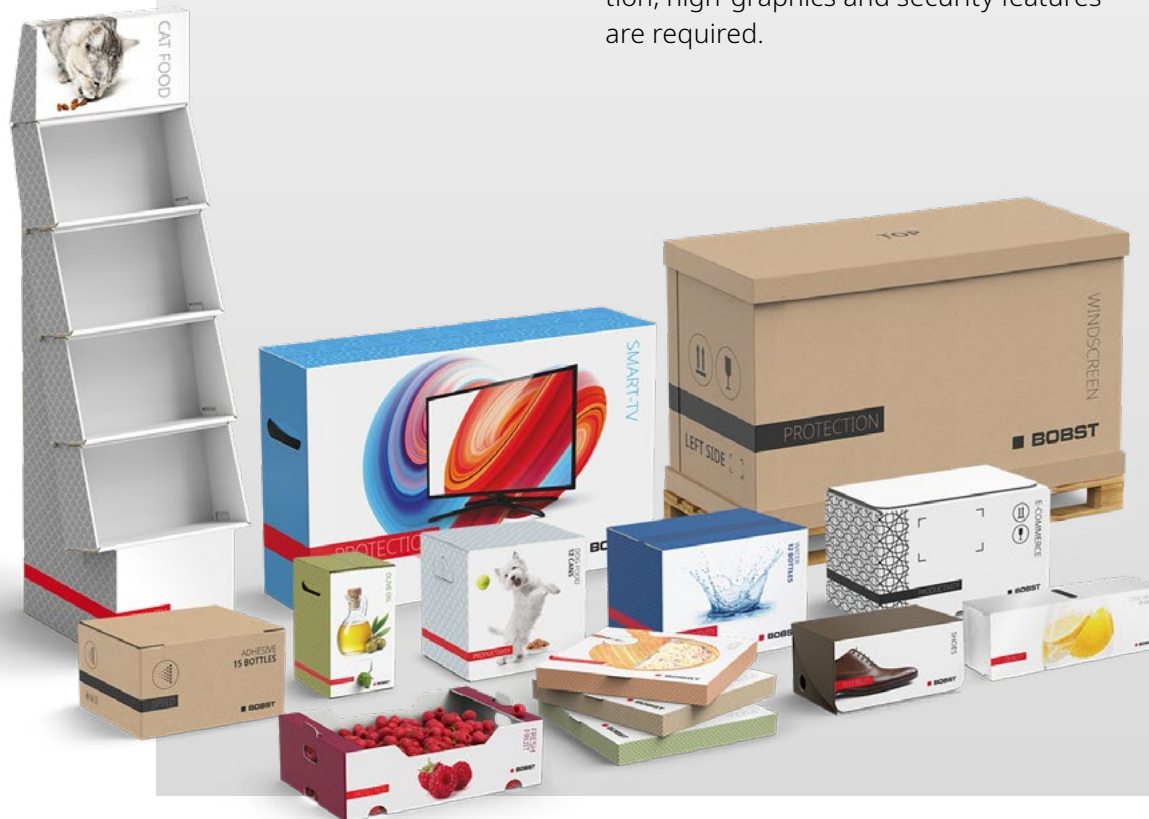
Consumers expect the most relevant un-boxing of any goods. Packages are becoming more clever, telling a story as part of the brand positioning.

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.



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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.



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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
- Adpted 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

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Benefits and features 4 - 5



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

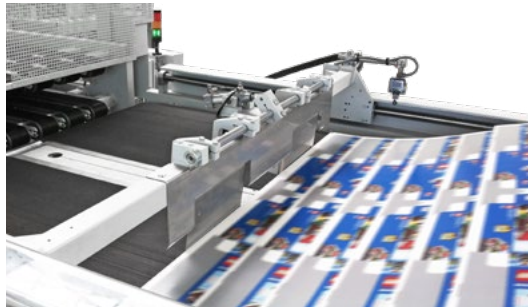
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Related products



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)



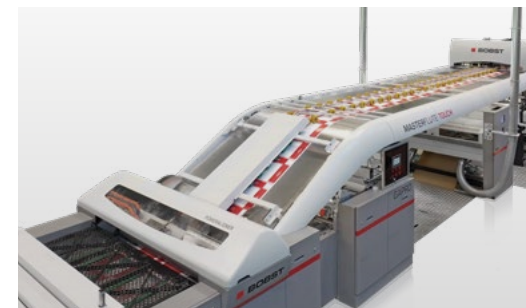
> MASTERSTAR

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



Off-line laminator lines

Production of sheet to roll



In-line laminator lines

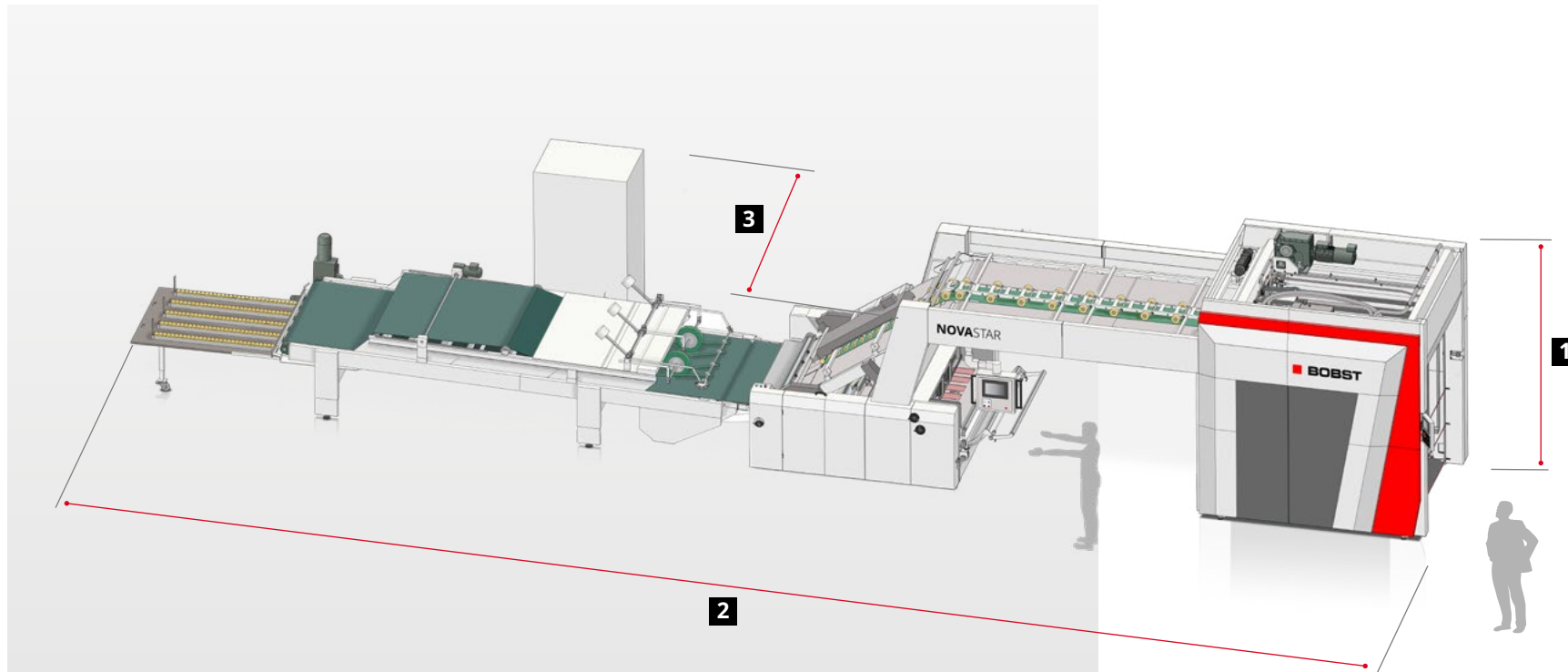
Integrated production of sheet to web

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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 *

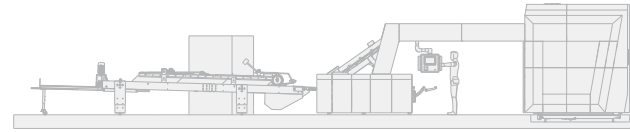
* Values may vary according to the configuration.

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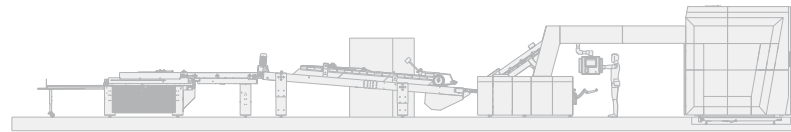
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- Delivery table to manually unload and handle the laminated sheet



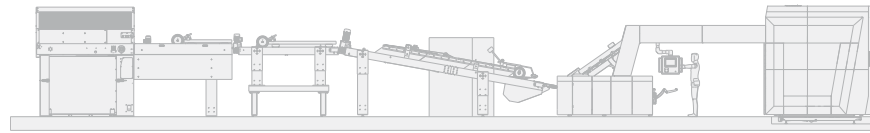
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- Manual bundle take-off
- Bundle delivery
- Bundle removal table height max. 100 mm / 4"



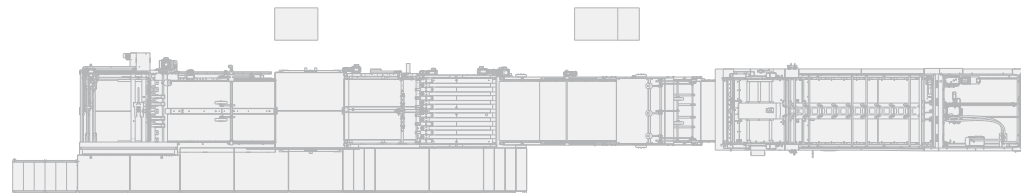
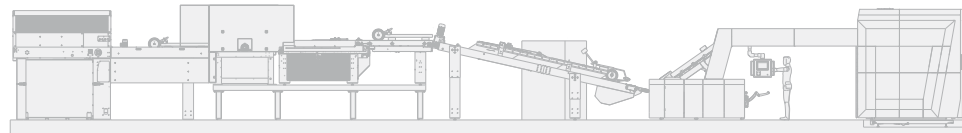
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- Matic Non-stop down stacker
- Stack carrier plate
- Safety devices and fencing



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



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Convertible stock

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Printed sheet base weight*	210 / 500 gsm	43 / 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

*With SCATEC Sensor 180 gsm - 37 lb/msf

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
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Specifications - 3D view

Left side view

Front view


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Rear view

Right side view

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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.



Maintenance Plus

- 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

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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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