

Automated, modular and cost-effective press for labels



FLEXO PRINTING

VISION M1

At a glance

BOBST

Leading agility

The **VISION M1** delivers the best Total Cost of Ownership for label production on almost any substrate. This is the press of reference for converters searching for repeatable high print quality, operational efficiency and flexibility in press configuration.

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Outstanding efficiency

Very short web path

Easy to run

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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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Shortening production run lengths

Many factors are pushing towards reduction of the run length: SKU proliferation due to demand fragmentation and an increase of the offer linked to the rise of own-brand private label, changing face of retail towards direct to consumers channel. Being profitable in this environment is one of the main challenges for converters and the coexistence of different technologies is crucial to stay competitive.

Customization, versioning, personalisation

Labels can take almost any shape, texture and format. Special embellishing techniques and extended die-cutting capabilities create unique ways for brands to present their products, offering a high degree of customization and potential.



Digitalizing the label production

The availability of various technologies makes label production easier. Converters no longer need to use one technology only. They can optimize the entire production floor using all technologies and inkjet is for the coming 10 years the one to integrate in the printing production portfolio.

Sustainability

Label production needs to reduce its environmental carbon footprint. Capability to process optimized thinner and functional label materials – be they face or liner – associated with equipment efficiencies in terms of consumption of energy and consumables.

Faster time-to-market

A growing number of products need to reach the consumer faster. Product life time is shorter. From product design to the consumer experience, the supply chain has to be more agile.

Color control and brand image

Color consistency and control across all substrates needs to be guaranteed for brands to look good across the globe.

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Adapting to your needs

- Multiple press configurations from a host of available accessories
- Up to 10-colors. 2 or 3 die-cutting units
- Printing and converting in one pass
- Product enhancing and inline finishing applications
- Easy drop-in technology for fast interchangeability of flexo, silk screen and hot foil. Ready in few minutes



A host of unique technologies

- “Print Tutor” camera for fully automatic register setup and control
- “DigiGap” for automated die-cutting pressure control, providing the shortest set-up time
- “Bambi”: exclusive technology for advanced waste matrix rewinding with difficult label shapes
- “LaserSet”: laser-assisted pre-register system for immediate cylinder positioning
- Combo coupon and QN3/5 technologies for multi-layer coupons from 2 up to 5 layers



High production quality, run after run

- Excellent investment for price-performance value
- Automation ensuring productivity and process repeatability
- Exceptional register stability in production and faster correction during speed variations

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Saving time and money

- Very short setup time and minimum waste
- “Flower” flexo head for fast and effortless job changes
- “SnowBall” Lite waste stripping for consistent productivity without waste breaks
- High press uptime for fast time-to-market
- Very energy efficient
- Low running and maintenance costs



User friendly and connected

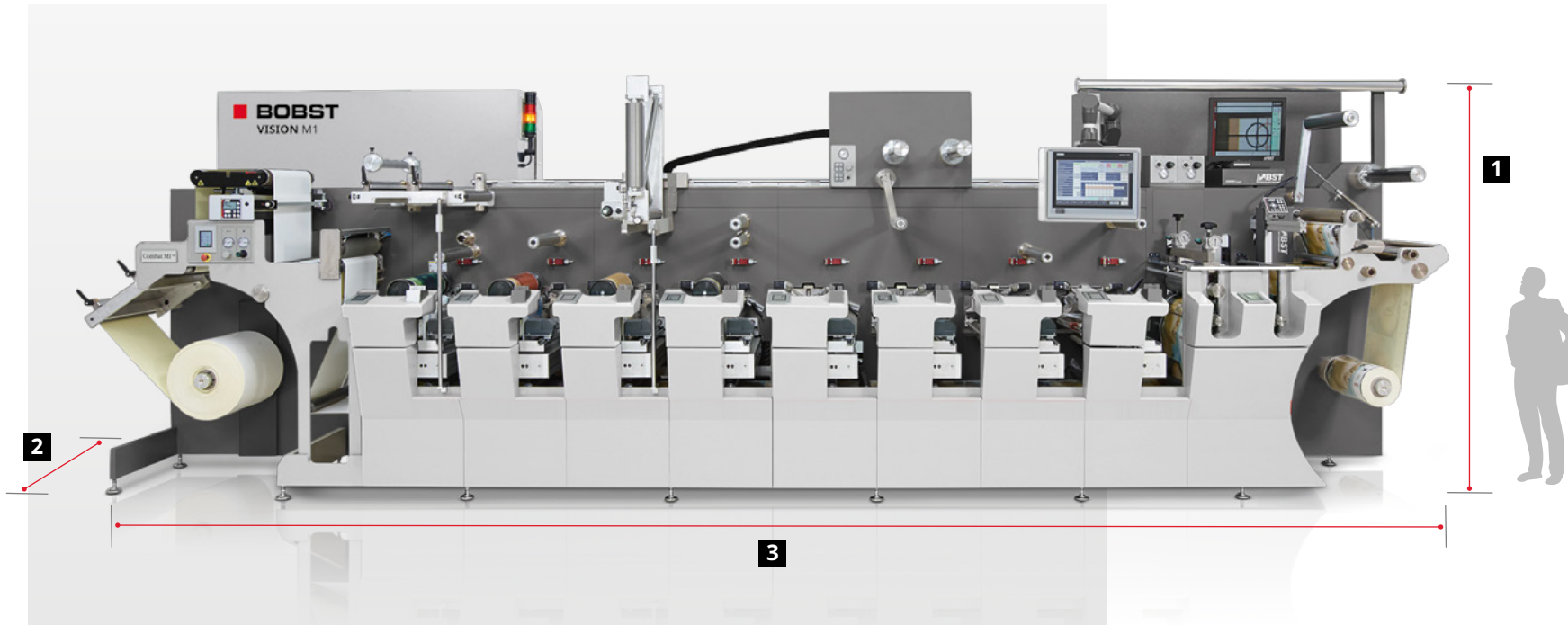
- Easy to operate machine for intuitive, quick and easy set-up and changeovers
- Touch panel on each print unit and main touch screen HMI
- Organizer technology: for handling and storage of magnetic cylinders. Easy, effort-free and safe for the operator
- Production data accessible from remote devices
- Remote service troubleshooting support

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1

VISION M1

2.57 m 8.44 ft

2

2.71 m 8.84 ft

3

6.65 m 21.85 ft

* Measurements as per machine configuration featured above: Web width 370 mm - 14.5 in, 8-colors, 2 die-cutting units.
Values may vary according to the configuration.

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Materials handled

Substrates

Self-adhesive stock (paper, PET, BOPP, PVC), unsupported paper 80 gsm min, light carton 280 gsm max

Capability

Drive	Mechanical line shaft	
Gear pitch	3.175 mm	1/8 in
Number of printing units max	10	10
Flexo cylinder repeat, min-max	165.1 - 609.6 mm	6.5 - 24 in
Web width*	370 mm	14.5 in
	430 mm	17 in
Speed, max	180 m/min	591 ft/min
Unwinding diameter, max	1000 mm	39 in
Rewinding diameter, max	1000 mm	39 in
Pre-registration with LaserSet	Standard	
Print Tutor Eco	Available	
Total web path through the press (8 colors, 2 dies)	14.5 m	47.5 ft

*Print width: less 10 mm.

Die-cutting


Number of units	1 - 3	
Repeat, min-max (370 mm - 14.5 in)	279.4 - 609.6 mm	11 - 24 in
Repeat, min-max (430 mm - 17 in)	304.8 - 609.6 mm	12 - 24 in
Matrix roll diameter	700 mm	27.5 in
SnowBall Lite	Standard	
Easy Bambi	Available	
Metronome	Available	
DigiGap	Available	

*Available with 3 die-cutting stations

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Dryers

UV	Standard
UV LED	Available
Hot air/IR dryers	Available

Accessories

Rail	Available
Web turn bars	Available
Delam-Relam 1-2 colors on adhesive	Available
Combo laminator and cold foil	Available
Coupon: Combo 2 layers	Available
Coupon: QN3/5 layers	Available

Printing

Hot foil stamping - print repeat, min-max	304.8 - 609.6 mm	12 - 24 in	Available
Silk-screen repeat, min-max	304.8 - 457.2 mm	12 - 18 in	Available


Product types

PSA labels
Wet glue labels
Multi-layer peel-and-reseal coupon labels

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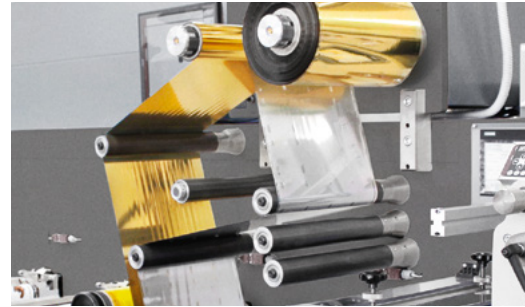
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Delam-Relam

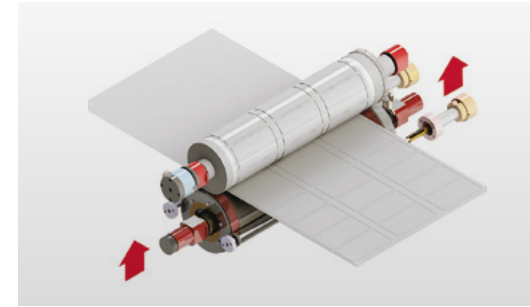
Enables printing up to 3 colors on the adhesive for back side printing or multi-layer labels



Cold foil stamping

Cold stamping of glossy metallic effects with lower plate costs and higher speeds, using a “Flower” flexo head.

- Highly accurate control of foil tension on unwind and rewind shaft
- High precision adjustment of laminating pressure
- Multiple foils on the same shafts
- Movable on each print unit




Bambi

An advanced waste matrix stripping system that is a real productivity booster. The glue tack of the self-adhesive substrate is temporarily softened to achieve higher stripping speeds on any substrate and any label shape.

- Higher stripping speeds on special labels, substrates, adhesives
- Consistent productivity without waste breaks

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Multiple web-handling expertise

BOBST technologies for multiple web handling allow a wide range of possible multi-layer label configurations.

- "Combo": 2-layer coupon labels
- QN3/5: 3 to 5 layer booklet labels



Silk screen

Ideal process for applications that need high coverage, accuracy of detail and color strength such as:

- Tactile
- Braille
- Matt and gloss effect
- Security printing
- Printing of high brilliance color on transparent substrate

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Driving the industry transformation

BOBST offers the ability to view, understand and test printing and converting solutions in its Competence Centers. Physical or virtual visits with our experts are completely tailored to client's requirements and needs.



Mex, Switzerland

Based in our Headquarters, get to know all our digital printing products showcased there.



MORE INFO



Firenze, Italy

BOBST Label printing hub dedicated showcase to the full label printing portfolio, including all inline flexo printing, converting, All-in-One and digital inkjet technologies.



MORE INFO



Alpharetta, USA

Based on our US Competence Center, meet our experts and get to know our latest digital and All-in-one printing solutions.



MORE INFO



Itatiba, Brazil

Based on our South America Competence Center, discover how the oneLABEL portfolio can satisfy your needs. Go deeper in the details discussing with our experts about our latest technologies and solutions.



MORE INFO

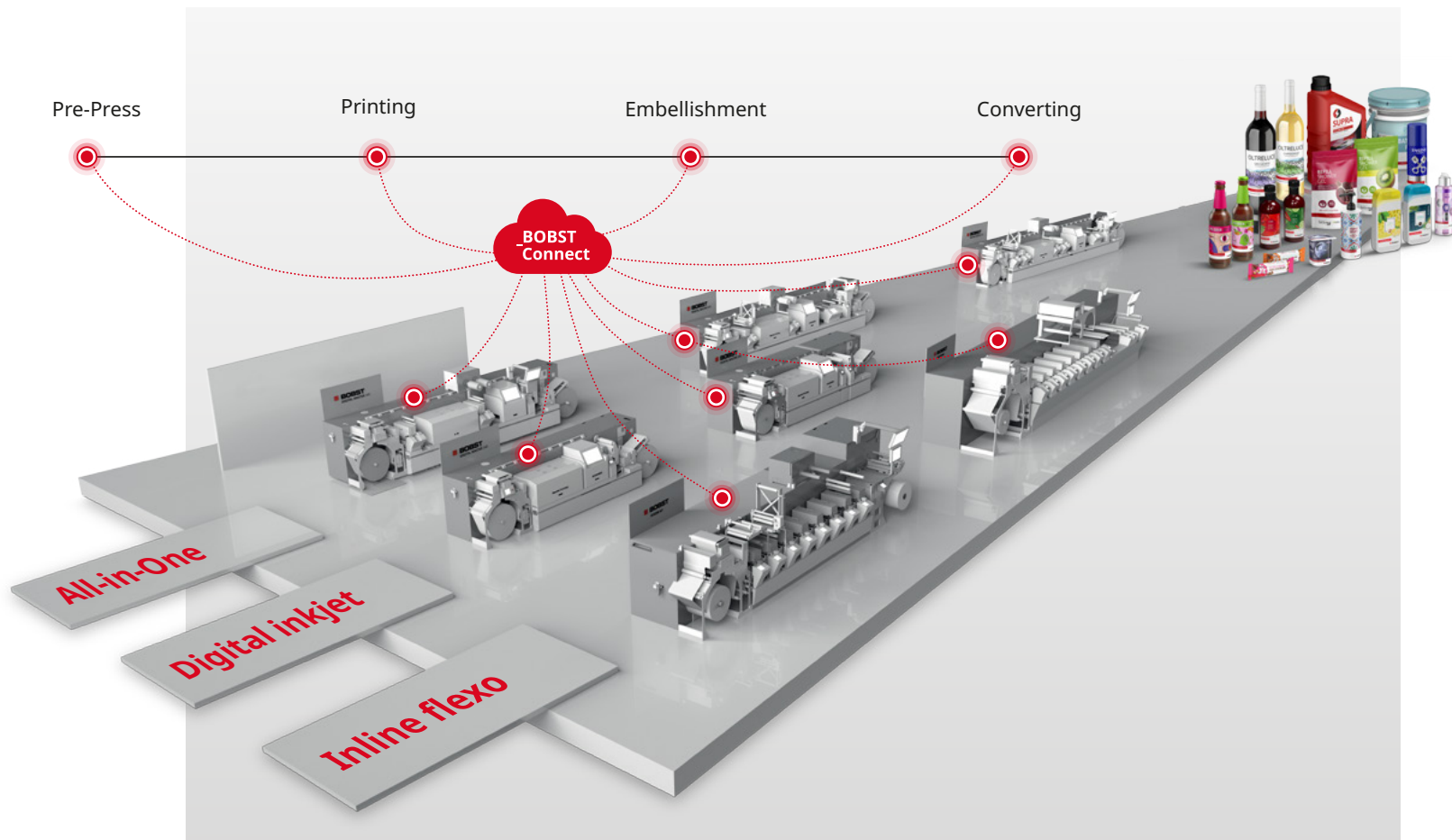
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Simplifying **label production**



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