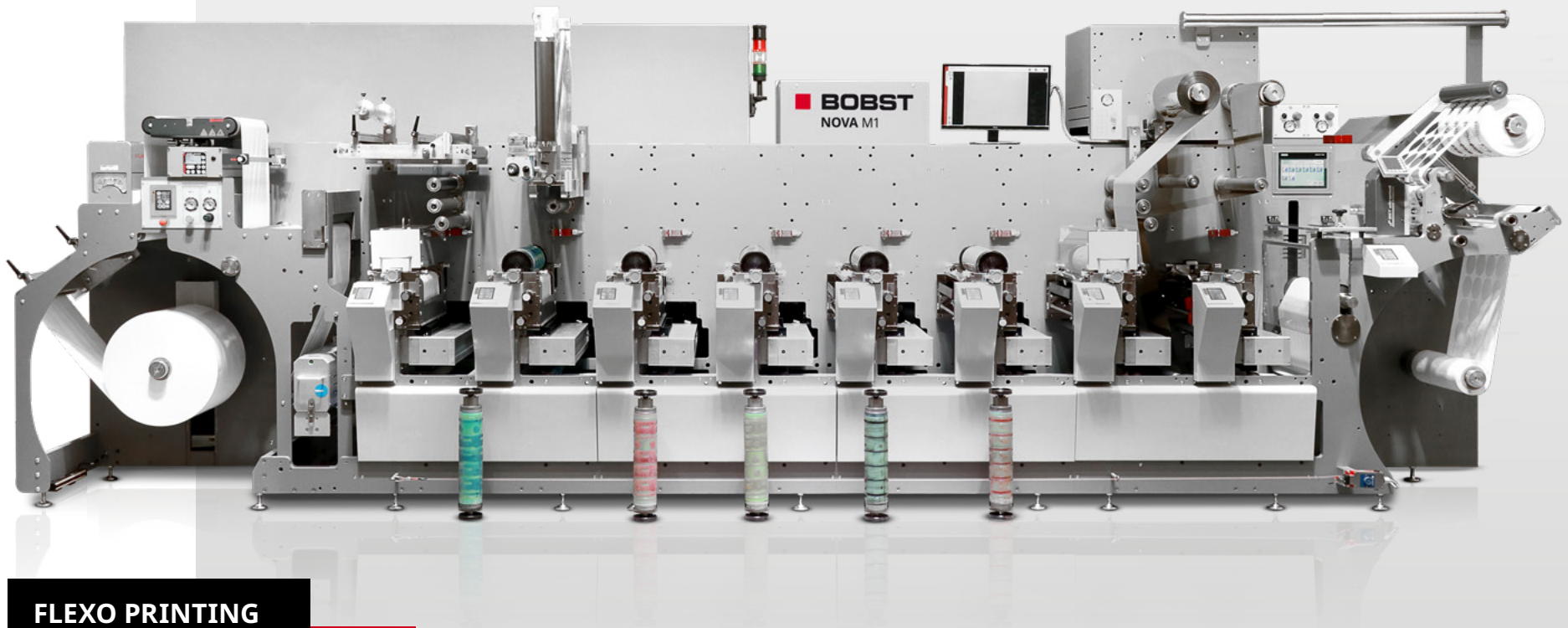


Compact and cost-effective label press



FLEXO PRINTING

NOVA M1

At a glance

BOBST

Leading agility

The **NOVA M1** is the ideal press to produce high quality pressure sensitive and paper labels, year after year with minimum waste. It is fast to setup and prints and die-cuts a variety of label applications in a single pass ensuring efficient and reliable operation at competitive costs.

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Minimum waste

Increased productivity at lower cost

Reliable performance

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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

[> READ MORE](#)

Customization, versioning, personalization

Labels can take almost any shape, texture and format, across multiple job lengths around the globe. Special embellishing techniques and extended die-cutting capabilities create unique ways for brands to present their products, with colors, use of foils and striking imagery offering a high degree of customization and potential.

Sustainability

Label production needs to reduce its environmental carbon footprint – less waste across the entire supply chain. 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.

Safety

Brand protection and food safety are major requirements. Meeting all relevant industry and regulatory label food grade standards must be guaranteed.

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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Productive and reliable

- Flower flexo print head for easy and fast job changeovers
- High uptime, fast time-to-market
- Designed with serviceability and robustness in mind
- Minimum maintenance for the whole lifetime of the press



Repeatable quality

- Consistent performance in quality and repeatability year after year
- Great register accuracy
- High precision belt drive guarantees a perfect printing register and die-cutting over time

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- Very short web path
- Low waste at press set-up and job changeovers
- Time-saving ergonomic features
- Reduced maintenance and running costs
- Minimum energy consumption



- Easy to use for less skilled operators
- Touch panel on each print unit and main touch screen HMI
- Organizer: technology for handling and storing magnetic cylinders. The operator does not lift the dies and can store them in a built-in storage area after use

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Customizing options

The press comes in a fixed configuration, that reduces the cost of investment, while providing a high level of print quality and efficiency with the added benefit of short delivery time. Some options are however available, including a unit for inline delam-relam



Embellish and protect

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

NOVA M1

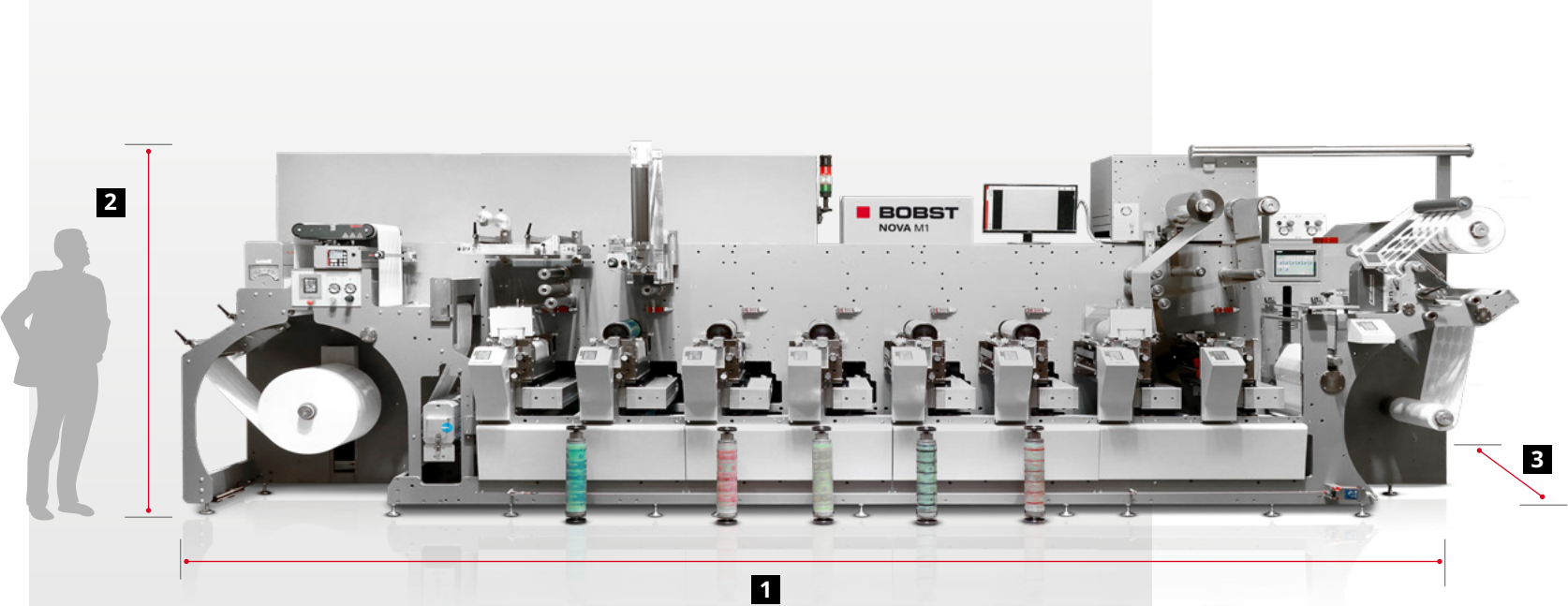
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| 1 | NOVA M1 | |
|---|---------|-----------|
| | 6.35 m | 20.83 ft* |
| 2 | | |
| | 2.58 m | 8.47 ft* |
| 3 | | |
| | 1.41 m | 4.63 ft* |

* Measurements as per machine configuration featured above: 8 colors 1 die-cutting section.
Values may vary according to the configuration and accessories.

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Materials handled

Substrates
Self-adhesive stock, paper

Capability

| | | |
|--------------------------------|-------------|-------------|
| Drive | | HP belt |
| Gear pitch | 3.175 mm | 1/8 in |
| Number of printing units, max | 8 | 8 |
| Flexo cylinder repeat, min-max | 165 - 609.5 | 6.5 - 24 in |
| Web width* | 370 mm | 14.5 in |
| Speed, max | 180 m/min | 591 ft/min |
| Unwinding diameter, max | 1,000 mm | 39 in |
| Rewinding diameter, max | 1,000 mm | 39 in |

*Print width: less 10mm

Die-cutting

| | | |
|----------------------|---------------|------------|
| Number of units | 1 | 1 |
| Repeat, min-max | 279.5 - 609.5 | 11 - 24 in |
| Matrix roll diameter | 700 mm | 27.5 in |

Accessories

| | |
|----------------------------------|-----------|
| Delam-Relam, 1 color on adhesive | Available |
| Laminator | Standard |

Product types

PSA labels
Wet glue labels

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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 howLabel solutions by BOBST can satisfy your needs. Go deeper in the details discussing with our experts about our latest technologies and solutions



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People, technologies and processes

Site readiness

All begins with a pre-installation audit and site survey of your production floor and workflow to streamline integration with your current production equipment and qualify designated press operators

Operator training

BOBST assures your operators are qualified, certified and trained including on preventive maintenance and troubleshooting

Installation & ramp-up support

A BOBST service engineer will follow your production ramp-up confirming that workflow and pre-press and machine are optimized

BOBST Global Customer Care Center

It provides support for operators to handle all service escalation across all disciplines

Advanced technological tools

Remote support is complemented with augmented reality technology and predictive failure resolution incl. IoT capabilities

Onsite support

BOBST provides one of the highest ratios of field service engineers to presses in the business leveraging a global network across the globe

One-stop, easy-to-use Customer Portal

All BOBST customers have access an online portal providing customized dashboards, knowledgebase, current case management details, status reports for billing and production and updates



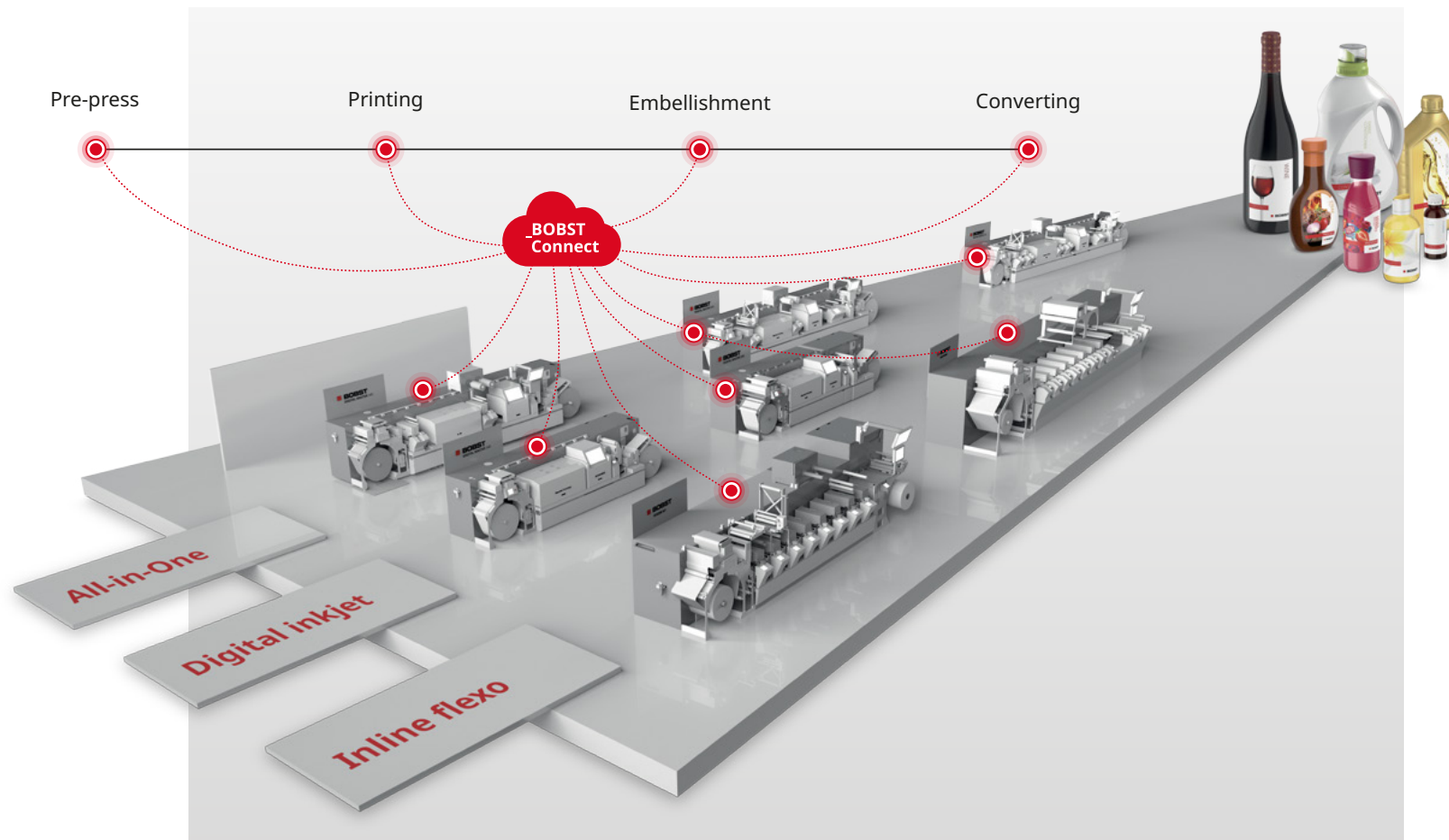
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Simplifying **label production**



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