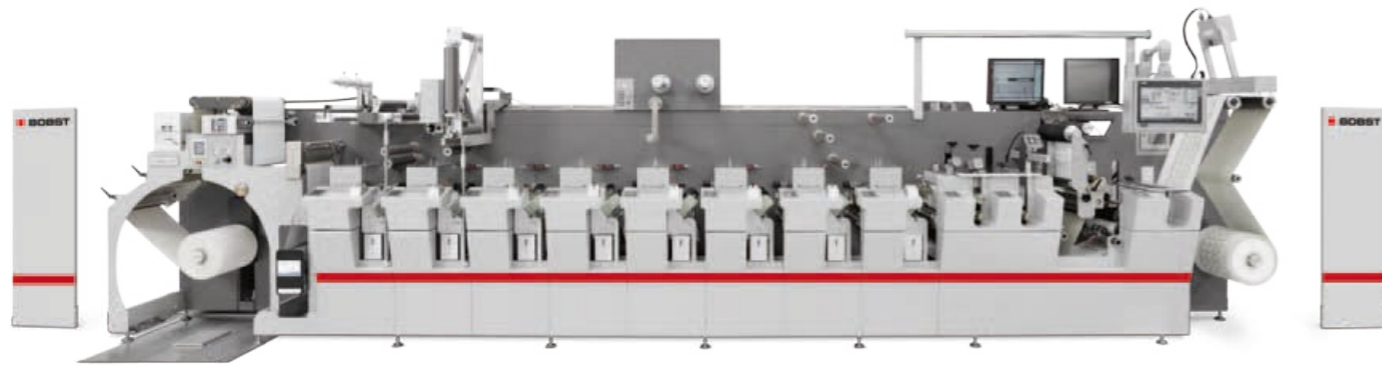# M3 LINE

DIGITAL FLEXIBILITY FOR LABELS AND PACKAGING

Digital Automation™ for controlled quality, high profits and vast flexibility

Flexible packaging, PS labels, special substrates, the most complex coupon labels, multi-process: the full servo technology and Digital Automation™ of the M3 Line makes flexibility easy and digitally assisted. Delivering the best in quality and reliability, the M3 provides total "digital" flexibility.

The M3 is a full servo press. Thanks to its fully automated assets and the wide range of substrates and applications it handles, the M3 is the perfect solution for packaging printers producing both short and long run production, and for printers producing labels, shrinkable sleeves and wrap-arounds. Fast set-up times and reduced waste make it a very reliable and highly productive machine.

The M3 and BOBST Digital Flexo technology together generate only around 15-20 meters of waste during print set-up, and provide a register accuracy of better than 50 microns. PS Labels, wrap-around labels, laminated lids and stand-up pouches can be printed on different substrates during each shift.

- Full servo technology for web tension flexibility between the print units means this press can process a wide range of substrates. It also allows multiple web printing of sophisticated coupon labels and inline lamination of multiple substrates
- User-friendly Ready™ drop-in technology for fast interchangeability of flexo, screen and hot foil
- Chilled drums and accurate temperature control for perfect web transportation
- DigiGap™ for digitally automated print and die-cutting pressure control, providing the shortest "digital" set-up time, minimal waste and consistent quality during production
- Metronome™ high-speed semi-rotary die-cutting to reduce the cost of flexible dies
- SnowBall™ and Bambi™: exclusive technologies for high speed waste matrix rewinding and difficult label shapes.
- Exceptionally stable production quality over many years of operation.

Substrates	BOPP + 20 µ, laminated tubes, shrink sleeves, alu-foil, PS labels, paper, light carton up to 350 gsm
Drive	Full servo
Gear pitch	3175 mm - 1/8 in
Press speed, max	180 m/min - 591 ft/min
Print units, max	Unlimited
Flexo print cylinder - Repeat, min-max	6.5 - 24 in
Web width *(print width: less 10 mm)*	370 mm - 14.5 in 430 mm - 17 in 530 mm - 21 in
Unwind diameter, max	1000 mm - 39 in
Rewind diameter, max	1000 mm - 39 in
Total web path through the press	16330 mm (8k 3 Dies)

Die-cutting

Die-cutting units	3 - 5
Repeat, min-max	10 - 24 in (370) 12 - 24 in (430) 14 - 24 in (530)
SnowBall™	Yes
Matrix roll diameter max	700 mm - 27.5 in
Easy Bambi™	Yes
Metronome™ *(available only with 3 die-cutting stations)*	Yes

Automation

360° pre-register	Standard
Automatic register	Standard
Digital Flexo™	Yes
DigiGap™	Yes

Dryers

UV on chilled drum	Standard
UV LED	Yes
Hot air dryers	Tailor-made, high efficiency
IR dryer	Yes
IR dryer on double chilled drum	Straight 6 IR lamps
IR dryer on double chilled drum	Round 12 IR lamps

Accessories

Rail	Yes
Delam Relam	Up to 5 colors on adhesive
Cold foil	Yes
Lamination	Yes
Coupon: Combo Kit™	1 layer
Coupon: QN35™ *(only for 370 - 430 models)*	3 - 4 - 5 layers

Printing

Hot foil stamping - Repeat, min-max	12 - 24 in
Gravure - Repeat, min-max	12 - 24 in
Silk screen - available only for 370 - 430 models	
Stork Easy fit - Repeat, min-max	12 - 18 in
Stork New RSI - Repeat, min-max	12 - 24 in
Ink jet - Repeat, min-max	100 - 200 - 300 - 400 mm (*width of print head*)