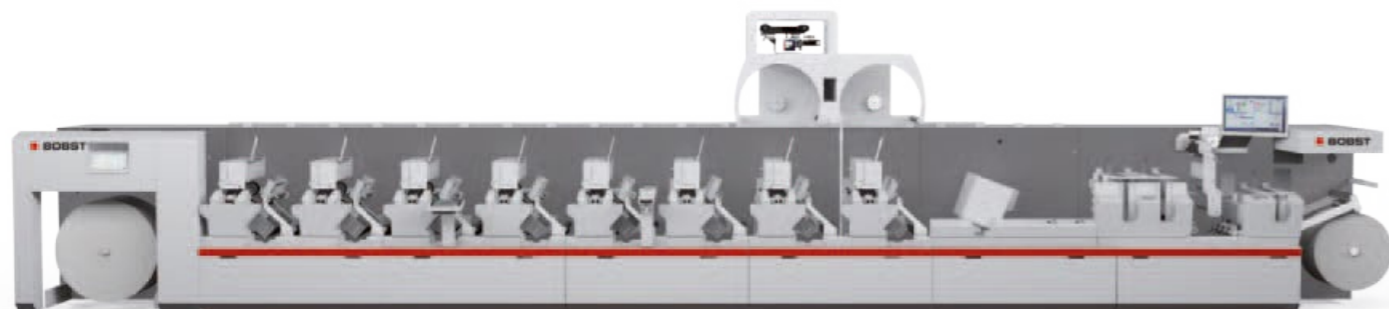


M4 LINE



PRINT WITH EXCELLENT REGISTER QUALITY

The perfect press for reducing the effects of speed change during production

This most efficient of printing presses combines the advantages of Digital Flexo™ and Excellence™ technologies with the simplest and most durable semi-servo electronic drive. The M4 Line introduces new standards of accuracy in servo control and manufacturing, giving it the excellent register quality and stability needed to print extended seven-color gamut with perfect registration, and at all speeds. The M4, M5 and M6 presses share the same technology platform to deliver the full Digital Automation™ program.

Dedicated to the printing of both labels and flexible packaging, the M4 is available in two configurations:

- M4 Labels & film
- M4L PS Labels

- Short web path
- Over-dimensioned chilled drums for positive web transportation on the most critical substrates
- User-friendly Ready™ drop-in technology for fast interchangeability of flexo, screen and hot foil
- Digital Flexo™ and DigiGap™ for digitally automated print and die-cutting pressure control, providing the shortest "digital" set-up time, minimal waste and consistent quality during production
- Digital Flexo 4.0™ for closed loop pro-active print quality/PDF control at all speeds
- DigiMount™ for true Digital Work Flow from plate mounting to the press
- 5.5 inch minimum print repeat reduces the cost of flexo plates
- Metronome™ high-speed semi-rotary die-cutting reduces the cost of flexible dies
- ExcelCut™ and ExcelDie™ for the automated exchange of flexible dies and magnetic cylinders
- ExcelPrint™ for automated exchange of flexo print cylinder
- Digital Automation™ ready for REVO Standards.

Substrates - M4 Labels & Film	Self-adhesive stock (paper, PET, BOPP, PVC), unsupported glossy paper from 60 to 100 gsm, unsupported film from 20 µ BOPP, 25 µ shrink sleeve, 60 µ LLDPE, alu-foil from 20 µ, lamitube, light cardboard up to 350 gsm
Substrates - M4L Labels	Self-adhesive stock (paper, PET, BOPP, PVC), unsupported paper 80 gsm min, light carton 280 gsm max
Drive	Mechanical - Partial servo
Gear pitch	3175 mm - 1/8 in
Press speed, max	200 m/min - 660 ft/min
Print units, max	Unlimited
Flexo print cylinder - Repeat, min-max	5.5 - 24 in
Flexo sleeve print cylinder - Repeat, min-max	12 - 24 in
Web width	370 mm - 14.5 in
(print width: less 10 mm)	430 mm - 17 in
	530 mm - 21 in
Unwind diameter, max	1000 mm - 39 in
Rewind diameter, max	1001 mm - 39 in
Total web path through the press - M4	2040 mm (8k 3 dies)
Total web path through the press - M4L	18720 mm (8k 3 dies)

Die-cutting

Die-cutting units	2 +
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™	Yes (only with 3 die-cutting stations)

Automation

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

Dryers

UV on 27 in chilled drum - M4	Standard
UV on 27 in chilled drum - M4L	No
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 - 16 IR lamps
Multiple drying options for UV, water- and solvent-based inks	UV, IR, US, impinged air, compressed air

Accessories

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

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)