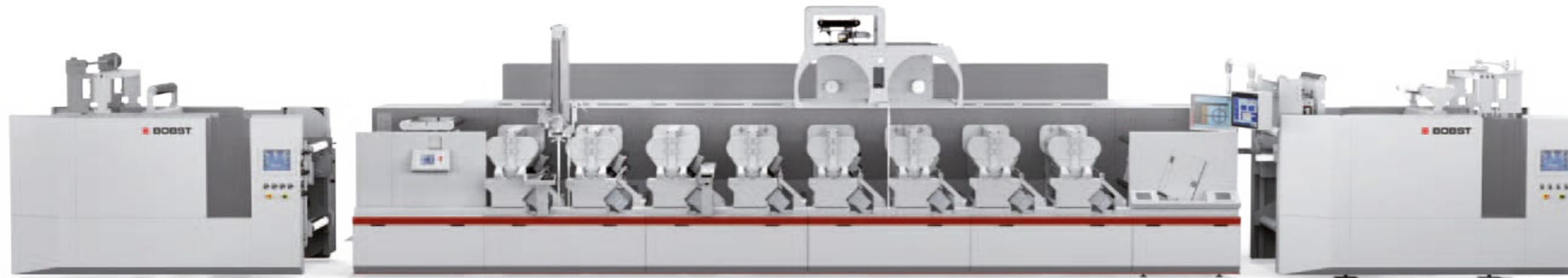


M6 LINE



THE UV DIGITAL FLEXO PRESS FOR FOOD PACKAGING

Digital flexibility with total food safety

The M6 Line is poised to change the future of flexible packaging. A combination of inline UV flexo, REVO Digital Flexo and the new V-Flower print unit, allows for job changeovers to be performed in one minute, on-the-fly, without stopping the press, and with up to 95% press up-time. This makes the M6 the profitable press for ultra-short to medium runs. Production of a new flexible packaging job can start in just a minute, with the highest print quality and meeting food safety standards.

M6 and UV inks: Main benefits

- Short web path on over-dimensioned chilled drums for positive web transportation and accurate temperature control on the most critical substrates. LLDPE, 15 µ BOPP, alu-foil and cartons can be printed with excellent register stability
- No risk of fire or explosions on press due to hazardous consumables. No solvent recovery systems. Clean, VOC-free working environment
- Fast press installation. Easy relocation
- No washing of print units at shift changes as ink does not evaporate in the pan
- Exceptional print quality, up to 80 lines per cm/200 lines per inch. Very stable irrespective of run length (UV ink does not dry on plates)
- Easy repeatability of PMS colors
- User-friendly press, not requiring highly skilled operators. Print units accessible from the top for fast operation and ink and sleeve changes

- UV Track™, the first and only automated system in the industry which tests and tracks ink curing safety on the substrate, during printing not after. Ink safety of each printed meter is certified in real time and the printed roll's certificate is immediately available.

Combined benefits of inline REVO Digital Flexo and BOBST Digital Automation™

- Full servo technology for web tension flexibility enabling processing of the widest range of substrates
- In-line processes: non-stop solventless lamination, cold foil, multi-process flexo and gravure
- Digital Flexo™ for automated print pressure control
- Digital Flexo 4.0™ for closed loop pro-active print quality/PDF control at all speeds
- New V-Flower™ print unit for changing flexo print sleeves on-the-fly
- Non-stop universal compact turret unwinder/rewinder for all substrates, including alu-foil
- DigiMount™, plate positioning, mounting and adjustment with minimal operator intervention - a true digital workflow
- Infinite Flower™ controls color density changes at speed variations
- 12 inch minimum print repeat, to reduce cost of flexo plates
- Non-stop productivity, with up to 95% press up time. Total flexibility, "digital" job scheduling with up to four printed jobs/hr, and much lower running costs than standard digital processes (no clicks, no high ink costs).

Substrates	Unsupported glossy paper 60 to 100 g, unsupported film from 12 µ PET, 15 µ BOPP, 25 µ shrink sleeve, 40 µ LLDPE, alu-foil from 20 µ, lamitube, light cardboard 350 gsm max
Drive	Full 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	12 - 24 in
Flexo sleeve print cylinder - Repeat, min-max	12 - 14 in
Web width (<i>print width: less 10 mm</i>)	670 mm - 26 in
Unwind diameter max	1000 mm - 39 in <i>(or 600 mm - 23.6 in when in automatic turret mode)</i>
Rewind diameter max	1001 mm - 39 in <i>(or 600 mm - 23.6 in when in automatic turret mode)</i>
Total web path through the press	22000 mm (8k 3 Dies)

Automation

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

Dryers

UV on 27 in 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 - 16 IR lamps
Multiple drying options for UV, water and solvent-based inks	UV, IR, US, impinged air, compressed air

Accessories

Rail	Yes
Web turn bar	Yes
Cold foil	Yes
Lamination	Yes

Printing

Gravure - Repeat, min-max	12 - 24 in
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