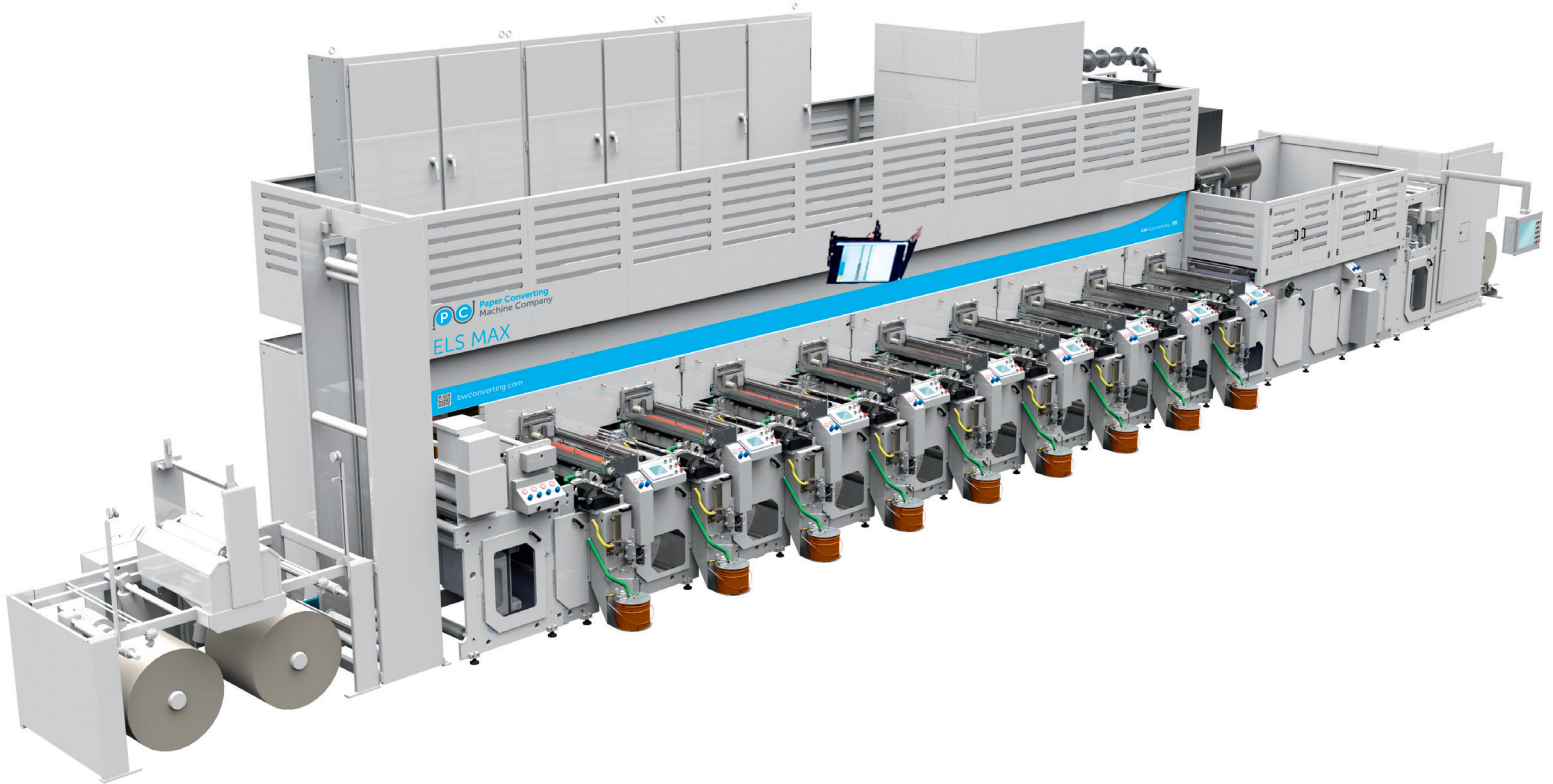


BW Converting

Change for the better

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bw
betterworld



ELS MAX

Robust, feature-filled inline press
for flexographic printing

An inline press enhanced with CI press features

Lower-cost press ideal for short runs with automation and high-performance

ELS MAX is a versatile, highly-configurable press that combines the lower cost and short runs of an inline press with the automation and high-performance features of today's CI presses all with the tightest registration of any inline flexo press on the market today.



Backside printing option

- No more scratched film!
- Backside printing without turn bars or flipping the web
- Add to any or all decks

Inline lamination

- Solvent, UV, or water-based adhesives
- With corona treater and web guide
- Standard or heated nip roll available



Think inline presses are just for down-and-dirty, less technical jobs? Think again!

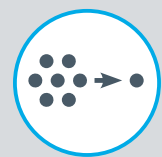
Designed to perform

Big performance, small footprint

ELS MAX is an extremely robust press designed for high-performance at high speeds in a small footprint.

- Print register tolerance of +/- 0.003 in (.08 mm)
- **True Print Plus™** option automatically sets press register and pressure, driving down waste, with more predictable results
- Precision drive control using frameless motor technology offers significantly better performance than servo-driven designs
- Fits in a standard 20 ft (6 m) production bay and requires only 15 ft (4.6 m) of height.

True Print Plus™



Auto register and pressure option using advanced microdot technology



Complex PDF-based workflow not required



Real-time feedback from the camera to the press

Built for versatility

Highly-configurable

ELS MAX infeed module features:

- Nip roll for tension control
- Single or dual-sided corona treater for optimal ink adhesion
- Single or dual-sided web cleaner
- Option to control paper dust with contact or non-contact option

Multiple unwind and rewind capabilities:

- Turretting, lab-splice
- Single-roll
- Butt-splice, zero speed (third-party)

It grows as you do

Print decks are available as singles or pairs

- Add decks as your needs expand
- Customize with up to 12 standard print stations
- Print decks feature our award-winning **SteadyPrint™** anti-bounce technology for high-quality output
- Each station designed with a nip roll for film stability and a dryer with UV curing ability



1.5

Only one and a half operators needed due to an abundance of automation and efficiency features.

Loaded with features

Easy to learn, easy to operate, and easy to maintain

Smart web guide for quick-set ups

- Smart technology web guide uses wide-array sensors with no moving parts
- Detects front and/or back web edges plus center to ensure perfect alignment

Quick-set up anilox drawers

- Pull-out drawers contain the entire ink train for quick and easy access, maintenance and set up
- Quick access to anilox, ink pump, doctor chamber, surge suppressor and viscosity control
- Largest ink chamber opening on the market
- Anilox rolls not in use can be washed or set up for next job while current job is running

State-of-the-art inspection module

- Registration camera (standard)
- 100% inspection camera (option)
- Add dual monitors for front or backside web viewing (option)

Multiple HMIs

- Main HMI for all deck adjustments
- HMIs at each print station for individual deck adjustments

Operator-friendly

- Print job storage and recall
- Timed cleaning of doctor chambers and aniloxes
- Automatic process control
- Motorized lateral and circumferential register adjustment
- Motorized pressure and skew adjustment for plates and aniloxes
- High-safety design with full guarding, low noise, no confined spaces, and VOC containment (Class 1 Div 2 rating)

Compare models

	ELS MAX BOARD	ELS MAX FLEX
Web Widths	24 / 28 / 32 inch 610 / 711 / 813 mm	
Standard Print Repeat Range	14-30 inch 356-762 mm	12-30 inch 305-762 mm
Speed	750 and 1000 feet per minute 229 and 305 meters per minute	
Colors	Up to 12	
Lamination Adhesives	Water, Solvent, UV	
Substrates	Tag, Board	Film, Foil, Paper, Shrink Film, Light Board
Inks	Water, Solvent, UV	
Ink Pail Size	3.5 gallon standard – 5, 10, 15 and 20 gallon options 13 litre standard – 18, 37, 56 and 75 litre options	
Tunnel Dryer Size	10 feet or 18 feet 3 meters or 5.5 meters	

ELS MAX easily handles a variety of substrates:

- Low-gauge films including polyethylene (PE)
- Highly-extensible films
- Shrink films
- Foil
- Paper
- Tag and label
- Board



Accelerate™ support

Accelerate is BW Converting's advanced software platform designed for comprehensive remote monitoring and optimization of industrial equipment and processes.

- Seamlessly integrates with PCMC inline presses
- Provides real-time monitoring and proactive maintenance recommendations

This i4.0 approach minimizes downtime, maximizes performance, and delivers actionable insights, ultimately driving significant cost savings and operational efficiency.

Markets served



- Flexible packaging
- Folding carton
- Lid stock
- Tag and label
- Mid-web

