

## BACKSIDE PRINTING OPTION

No more scratched film!

Backside printing without turn bars or flipping the web

Add to any or all decks

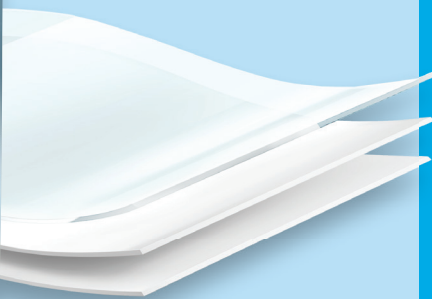


## INLINE LAMINATION OPTION

Solvent, UV, or water-based adhesives

Includes a corona treater and web guide

Standard or heated nip roll



DO YOU THINK INLINE PRESSES ARE JUST FOR DOWN AND DIRTY, LESS TECHNICAL PRINT JOBS?

# THINK AGAIN!

**Paper Converting Machine Company (PCMC)**, part of BW Converting Solutions, a strategic alliance of resources and services comprised of five industry-leading brands, specializes in the design, manufacture, and service of high-performance converting machinery for the printing, tissue, and hygiene industries worldwide. Our comprehensive product offerings include a complete range of printing presses and laser anilox cleaners, serving the flexible-packaging, prime-label, and carton-converting industries, along with rewinding, laminating, printing, embossing, perforating, folding, and packaging equipment for roll and folded tissue. For more, please visit [pcmc.com](http://pcmc.com).

**BW** Converting Solutions

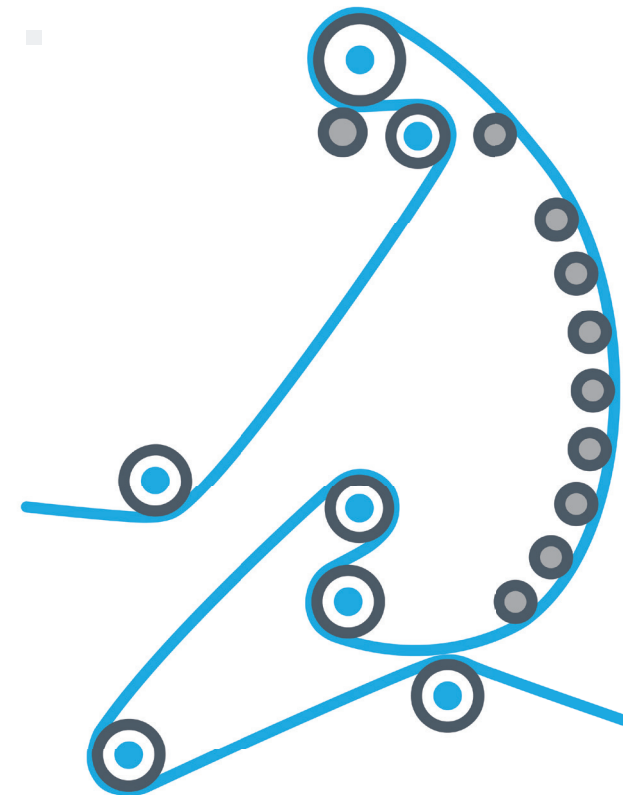


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# ELS MAX

ROBUST, FEATURE-FILLED INLINE PRESS FOR FLEXOGRAPHIC PRINTING



AN INLINE PRESS ENHANCED WITH CI PRESS FEATURES

The 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.

Choose the winders that are best for you

Depending on your production needs we offer the following unwind and rewind capabilities:

- PCMC-made turreting, lab-splice
- PCMC-made single-roll
- Third-party, butt-splice, zero speed

Variety of substrates

The ELS MAX handles a variety of substrates:

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



versatility

Versatile infeed module

The ELS MAX infeed 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

Big performance in a small footprint

Due to our space-saving upper platform, the ELS MAX fits in a standard 20 foot bay and requires only 15 feet of height.

Flextreme™ drying system

- Efficient air dry tunnel requires no gas
- Quiet operation (< 85 decibels)
- Shrink package option for low temp films
- UV curing capabilities
- Cooling roll and outfeed nip roll

Inspection module

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



visibility

Multiple HMIs

The ELS MAX offers a main HMI for all deck adjustments plus HMIs at each print station for individual deck adjustments.

Quick-set up anilox drawers

Pull-out anilox 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

The ELS MAX grows as you grow

We design and build our print decks as singles or pairs so you can 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

speed

Smart investment

The ELS MAX is an extremely robust press designed for high-performance at high speeds.

- Print register tolerance +/- 0.003 in (.08 mm)
  - **True Print Plus™** option auto sets registration and impressions from a PDF file
    - Precision drive control using frameless motor technology for significantly better performance than servo-drive designs
- Designed and built in Green Bay, WI USA

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	

Run a variety of substrates, inks and lamination adhesives.

OPERATOR-FRIENDLY

- Print job storage and recall
- Easy maintenance due to easy-access features
- 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
- Accelerate Monitoring service for production metrics, maintenance alerts, and remote support
- High-safety design with full guarding, low noise, no confined spaces, and VOC containment (Class 1 Div 2 rating)
- Automatic, zero-speed impression setting and register setting options



1.5



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