



# ELS MAX SERIES



WHERE TECHNOLOGY, RELIABILITY AND PERFORMANCE MERGE

## SPECIFICATIONS

- Up to 12 colors
- Speeds at 750 fpm (228 mpm) and 1000 fpm (305 mpm)
- Widths of 24 in (610 mm), 28 in (711 mm), and 32 in (812 mm)
- Print repeats from 12 in (305 mm) to 30 in (762 mm)
- Material range 0.0005 in (13 micron) to 14 pt tag (upgrade for 12 to 28 pt board)
- Largest ink chamber opening and automatic force load against anilox
- Efficient air drying (no gas required)
- High-safety design, including VOC containment and Class 1 Div 2 rating
- Print register tolerance +/- 0.003 in
- Motorized lateral and circumferential register adjustment
- Motorized pressure and skew adjustment for plate and anilox
- Main operator station at end of press; individual panel at each print station
- Direct-drive servo technology for plate, anilox, and impression cylinders
- Self-contained ink system at each print station
- Single roll or continuous run winders
- Inline lamination

## KEY FEATURES

### Customized Configurations

- Backside print on any print station
- Tunnel dryer per specific application: none, 10-foot, 18-foot
- Web treatment, cleaning, viewing, and inspection
- Viscosity control, rail system, and rail-mounted components
- Slitting, die cutting, and other finishing

### Efficiency

- Fast changeover for maximum setup time savings and minimum waste
- Complete print job storage and recall
- PrintSense automatic, zero-speed impression setting
- Easy-access, sleeved print stations with roll-out drawer
- Easy-access motors and controls for maintenance
- Space and equipment footprint efficiency via overhead platform for electrical and drying components

### Flextreme Drying System

- 50% less supply/exhaust air required compared to other systems
- Less energy required, potentially from renewable sources
- 400°F maximum set point temperature
- High-velocity impingement of air
- Operator friendly; quiet operation (<85 dBA) and no confined space requirements
- Improved overhead access and less maintenance
- Press-side compressor for smaller footprint, efficient air supply and exhaust, and minimized air and heat loss
- Low temperature and shrink film options for sensitive films
- UV curing available at any print station or under tunnel

### Automation and Ease of Operation

- Easy-access features throughout
- Automatic timed cleaning of doctor chambers and aniloxes
- Automatic process control
- Automatic impression setting and register setting options
- Automatic splice/transfer options

SPECIFICATION	ELS MAX BOARD	ELS MAX FLEX
WIDTHS	24 in, 28 in, 32 in	
STANDARD PRINT REPEAT RANGE	14-30 in	12-30 in
SPEED	750 fpm and 1000 fpm	750 fpm and 1000 fpm
COLORS	Up to 12	Up to 12
LAMINATION ADHESIVES	Water, Solvent, UV	Water, Solvent, UV
SUBSTRATES	Tag, Board	Film, Foil, Paper, Shrink, Light Board
INKS	Water, Solvent, UV	Water, Solvent, UV