



FOXJET[®]
AN ITW COMPANY



Labeling Series

All-Electric Labelers



LabelingSeries



LS7100 Printer Applicator

KEY FEATURES:

- All-electric print and apply labeling system designed using brushless servo-controlled label dispensing technology
- Color touchscreen display with a simple user interface
- Designed for reliability with a clutch-less liner take-up system and low friction surfaces
- Built-in functionality to run two systems in redundant mode for built-in back-up and reducing production downtime
- Discrete I/O card option allows the system to interface directly to PLC
- Allows for remote-in access to adjust settings and check labeler status on a controller or PC



LS7000 Applicator

KEY FEATURES:

- Brushless servo motor drives precision label dispensing to achieve superior label placement
- Smart sensing technology detects missing labels at the peel point, advancing the web past missing label area to prevent double feeds and missed products
- Color touchscreen display features an intuitive user interface that provides real-time reporting and on-board diagnostics
- Near-edge gap sensor to ensure no double fed labels when there is a missing label
- Missing label advance feature skips over missing label area to ensure all products are labeled
- Applicator module configurations accommodate front, rear, side, top, bottom, corner wraps and tamp/blow label applications
- Discrete I/O card option allows the system to interface directly to a PLC

APPLICATOR MODULES available for LS7100 and LS7000



E-WASA HD Corner Wrap Apply Module

Wipe Around Side Apply Module – Heavy Duty

KEY FEATURES:

- Provides front to side or front to top label corner wrapping
- Wrap tightness adjusted with dampening air cushion cylinder
- Built-in smart sensor to prevent multiple label feeds



E-FASA Swing Arm Module

Front, Top, Side, Rear or combination of two adjacent panels

KEY FEATURES:

- Provides either front panel labeling, rear panel labeling, or a combination of front-side, side-rear, front-top or top-rear
- Capable of applying corner wrapped labels
- The pivoting knuckle tamp pad allows for higher throughput rates than actuator modules, with less failure points and adjustments



User interface that promotes simplicity and intelligence

KEY FEATURES:

- Quick troubleshooting with on-screen diagnostics from real time smart sensor feedback
- Easy to read full color display – change in portrait or landscape orientations electronically
- Functionality for redundant mode to pair systems for zero downtime line requirements

SPECIFICATIONS:

	LS7100	LS7000
Dimensions (with Yoke)	31" (787mm) L x 27" (868mm) H x 26" (660mm) D	31" (787 mm) L x 27" (686 mm) H x 26" (660 mm) D
Certifications	IEC 61000-6-2 2005/AC: 2005 Immunity, IEC 61000-6-4 2007/A1: 2011 Emission, FCC Part 15b, CSA CAN/CSA-C22.2 No. 62368-1:2014, UL62368-1:2014	IEC 61000-6-2 2005/AC: 2005 Immunity, IEC 61000-6-4 2007/A1: 2011 Emission, FCC Part 15b, CSA CAN/CSA-C22.2 No. 62368-1:2014, UL62368-1:2014
Supply Roll Capacity	14" (355.6mm) OD	14" (355.6 mm) OD
Core	3" (76.2 mm) Diameter	3" (76.2 mm) Diameter
Label Length	*0.5" (12.7 mm) Min. up to 14" (355.6 mm)	*1" (25.4 mm) Min. up to 22" (558.8 mm)
Label Width	*0.5" (12.7 mm) Min. up to 6.5" (165.1 mm)	Narrow Web: *0.5" (12.7 mm) Min. up to 6" (152.4 mm) Wide Web: *0.5" (12.7 mm) Min. up to 9" (228.6 mm)
Temperature	41°F – 104°F (5°C – 40°C)	41°F – 104°F (5°C – 40°C)
Humidity	10 to 85% Relative Humidity, Non-Condensing	10 to 85% Relative Humidity, Non-Condensing
Weight		
E-Tamp, E-WASA, High Speed Tamp	120 lbs (54.4 kg) (Includes Yoke, No Stand)	98 lbs (44.5 kg) (Includes Yoke, No Stand)
E-FASA	130 lbs (58.9 kg) (Includes Yoke, No Stand)	101 lbs (45.8 kg)
Chi-Stand	83 lbs (37.6 kg) (Includes Yoke, No Stand)	83 lbs (37.6 kg)
Accuracy		
E-Tamp, E-WASA, E-FASA	±0.06" (±1.6 mm)	±0.06" (±1.6 mm)
E-Tamp/Blow, High Speed Tamp	±0.09" (±2.4 mm)	±0.09" (±2.4 mm)
Product Rate		
Wipe	N/A	Up to 800 PPM
E-Tamp	Up to 120 PPM	Up to 120 PPM
E-Tamp/Blow	Up to 55 PPM	Up to 55 PPM
E-FASA	Single Apply: Up to 52 PPM; Dual Apply: Up to 28 PPM	Single Apply: Up to 52 PPM; Dual Apply: Up to 28 PPM
E-WASA	Dependent on Label Length, Print Speed and Product Spacing	Dependent on Label Length, Print Speed and Product Spacing
High Speed Tamp	Application Dependent	Application Dependent
Line Speed		
Wipe	N/A	Up to 300 FPM
E-Tamp, E-Tamp/Blow	Up to 150 FPM	Up to 150 FPM
E-FASA	Up to 75 FPM	Up to 75 FPM
E-WASA	Up to 125 FPM	Up to 125 FPM
High Speed Tamp	Up to 300+ FPM	300+ FPM

*Label widths 1" and below must be application tested and verified.

DISTRIBUTOR INFORMATION:



773 RUE BÉRIault LONGUEUIL, QUÉBEC,
J4G 1X7
TÉL: 450-646-2675
INFO@DMSMARQUAGE.COM
WWW.DMSMARQUAGE.COM