ALL-ELECTRIC SERVO LABELING SYSTEMS

Designed & Built to Meet Your Demanding Labeling Applications
Engineered to Exceed Your Expectations

Diagraph
An ITW Company

10" E-Tamp Actuator with SATO S84ex Engine and 4x2 Tamp Pad Shown.

PA/6000E PRINTER/APPLICATOR

Key Features

- Fully Electric Label Printer/Applicator requiring no compressed air
- Intelligence through the use of sensors and logic to prevent mis-matched labeling sequences and ensure product to label matching
- Color Touchscreen Display with a simple user control interface
- Designed for Reliability with a clutch-less liner take-up system, low friction surfaces, and no-stick label surfaces
- Advanced Functionality to accomplish redundant or sequenced modes of operation to increase throughput or provide zero downtime
- Shop Floor Integration to interface system status and control to PLC's, bar code scanner results, and web browser system monitoring

Narrow-Web Right-Handed Wipe On "Stubby" Applicator Shown

LA/4700E LABEL APPLICATOR

Key Features

- Servo-Controller Label Dispensing for the more accurate and precise label locations
- Versatility using the wide array of application modules to apply labels for all types of Production environments
- Color Touchscreen Display with a simple user control interface
- Designed for Reliability with a clutch-less liner take-up system, low friction surfaces, and no-stick label surfaces
- Advanced Functionality allowing status information to be viewed over Ethernet to a web browser for remote collection and monitoring
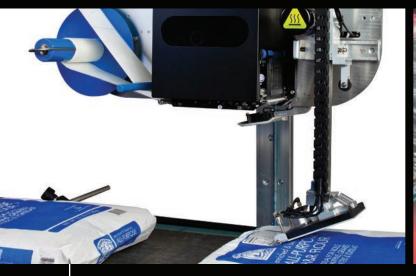
E-WASA HD CORNER WRAP APPLY MODULE
Wipe Around Side Apply Module - Heavy Duty

Key Features

- Provides front to side or front to top label passive corner wrapping
- Wrap tightness adjusted with dampening air cushion cylinder
- Integrated material handling inner guide to prevent product jamming
- Smart sensor to prevent label feed when performing wrap
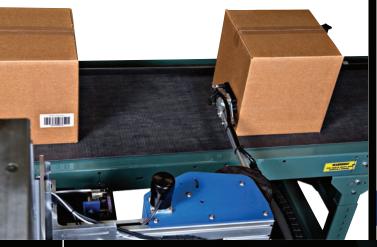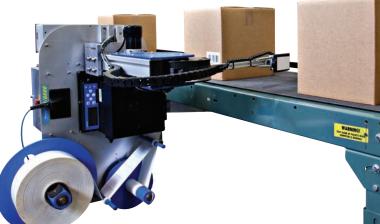
✓ PA/6000E
✓ PA/4600E
✓ LA/4700E

HST CONTOURING/HIGH LINESPEED APPLY MODULE
High Speed Tamp Apply Module

Key Features

- Handles non-flat surfaces expertly; especially addresses needs of sustainable package labeling
- Pivoting apply tamp pad with roller follows surface contours
- Able to apply labels to product speeds up to 300 FPM - reducing wear and issues experienced by flat tamp pad contact application methods

✓ PA/6000E
✓ PA/4600E
✓ LA/4700E

E-FASA SWING ARM APPLY MODULE
Front and Side Apply Module - also performs Side and Rear

Key Features

- Provides either front panel labeling, Rear Panel Labeling, or a combination of Front-Side or Side-Rear
- Longer tamp pads allow the option of performing a corner wrapped label
- The pivoting knuckle tamp pad allows for higher throughput rates than dual actuator modules, with less failure points and adjustments

✓ PA/6000E
✓ PA/4600E
✓ LA/4700E

E-SECONDARY WIPEDOWN CORNER WRAP MODULE
Wrap labels from side to rear at higher throughputs

Key Features

- High cycle rate All-Electric wipedown actuator module with precision controlled stroke distance
- Simple set up and easy to read user interface
- Fully standalone operation - independent of labeling system

✓ PA/6000E
✓ PA/4600E
✓ LA/4700E
✓ LELA

LELA + APPLICATOR

Key Features

- Drive Roller-Free Patented Feed System
- Accurate and Reliable Brushless Servo Motor
- Durable Stainless Steel Peel Blade
- Easy-to-Read LED Text Display
- Built-in Diagnosis

PALLET LABELING SOLUTIONS

Key Features

- Multiple configurations to handle multiple panels in networked and stand-alone operations
- Verification through scanner and integration to ERP and WMS databases
- Options include: Motorized Stands (for height adjustments or multiple height labeling), Environmental Enclosures, and Stand-Alone Computer Systems

✓ PA/6000E
✓ PA/4600E
✓ LA/4700E

SIM
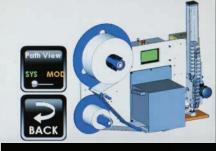## System Interface Manager

Key Features

- Run NiceLabel, EasyLabel, or any other Labeling Program designed to run on a Windows 8 Professional Platform
- Wired/Wireless Ethernet, Bluetooth, 4 RS232 Serial Ports

CEEL
Compact Environmental Enclosure Lid
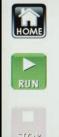
Key Features

- Protects the Label Roll from dust and particles with a positive air flow
- Optionally provides heated air for the Label Roll and Engine/Drive Module
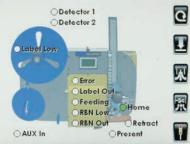
User Interface that promotes simplicity and intelligence

- Built-in abilities to save time - diagnostics without need of a multimeter
- Easy to read full color display - change in portrait or landscape orientations electronically
- Functionality to synchronize two systems for higher throughput or redundant mode to pair systems for zero downtime line requirements

SPECIFICATIONS

	PA/6000E Tamp	LA /4700 Wipe	LA /4700E Tamp	LELA+
Print Method	Thermal Transfer or Direct Thermal	N/A	N/A	N/A
Print Engine	SATO, Zebra, Datamax	N/A	N/A	N/A
Print Speed	Up to 16″ per second	N/A	N/A	N/A
Max. Application Speed	120 PPM / 300 FPM	300 FPM	150 FPM	120 FPM
Print Resolution	203/300/400/600 dpi	N/A	N/A	N/A
Max. Print Area	6.6″ W × 14″ L	N/A	N/A	N/A
Min. Label Dimensions	1″ W × 0.5″ L	0.5″ W × 0.5″ L	0.5″ W × 0.5″ L	1″ W × 1″ L
Max. Label Dimensions	6.6″ W × 14″ L	9″ W × 22″ L	9″ W × 14″ L	5″ W × 8″ L
Supply Roll Capacity	14″ OD on 3″ core (16″ optional)	14″ OD on 3″ core (16″ optional)	14″ OD on 3″ core (16″ optional)	14″ OD on 3″ core
Max. Ribbon Length	1970′ (600m)	N/A	N/A	N/A
Power Requirements	100-240 VAC, 47-63 Hz, 3-6A Auto-Ranging	110-240 VAC, 47-63 Hz, 2A Auto-Ranging	110-240 VAC, 47-63 Hz, 2A Auto-Ranging	100-240 VAC, 50-60 Hz, 4A Auto-Ranging
Environmental	41-104° F (5-40° C); 15-85% RH Non-Condensing	41-104° F (5-40° C); 15-85% RH Non-Condensing	41-104° F (5-40° C); 15-85% RH Non-Condensing	41-104° F (5-40° C); 10-85% RH Non-Condensing
Dimensions	31″ W × 26″ D × 27″ H (787 mm W × 660 mm D × 686 mm H)	31″ W × 20″ D × 33″ H (787 mm W × 508 mm D × 839 mm H)	31″ W × 20″ D × 27″ H (787 mm W × 508 mm D × 686 mm H)	32″ W × 23″ D × 19″ H (813 mm W × 585 mm D × 483 mm H)
Weight	120 lbs. applicator, printer, yoke, no stand	85 lbs. applicator and yoke, no stand	85 lbs. applicator and yoke, no stand	38 lbs. applicator and yoke, no stand
Certifications	CE, CSA, ETL (UL 60950), complies with FCC, part 15 Class A	CE, TUV (UL 60950), complies with FCC, part 15 Class A	CE, TUV (UL 60950), complies with FCC, part 15 Class A	CE, CSA, FCC Approved, Listed (UL 60950)

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WWW.DIAGRAPH.COM

800.722.1125
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