LITTLE DAVID ®
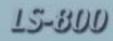
Automatic Print and Apply Label Application System

The Little David® LS-800 is designed specifically for integration into automatic print/apply labeling applications. Labels can be affixed directly to boxes, pallets or products. Multiple mounting strategies are available to afford installation flexibility. The LS-800 is ideal for the printing and applying of labels that require high quality bar code, text and graphic images.

AVAILABLE APPLICATORS

Tamp-on

Touch'N'Go

Blow-on

- Microprocessor driven controller w/user-friendly key pad and LCD display for easy access to label application parameters
- User-friendly label format software available for label design, alpha numeric and bar code printing
- 74 save areas for quick recall of label placement settings
- Variable 12"/second maximum label printing speed (based on printer selection)
- Non-cantilevered double frame design that eliminates web drift
- Simple threading path ensures quick label change
- Right or left handed dispensing available
- Balanced feed assures consistent label tension and reduces web breakage
- Next label out feature for true 1 to 1 application
- Built in USA

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LS-800

"H" floor mounting stand with casters and lift off screws

Standard Features:

- Labeling head
- Applicator
- Proximity product sensor
- Photoelectric label sensor
- 30-inch crosstube mount
- Microprocessor

Specifications:

Machine Dimensions
Length: 34-11/32" (872 mm)
Width: 30" (762 mm)
Height: 40-3/4" (1035 mm)
Weight: 165 lbs (74 kg)

Label Dimensions
Width: 1" – 5-1/4" (25.4 mm – 133.35 mm)
Length: 1/2" – 14" (12.7 mm – 355.6 mm)

Label Roll Requirements
Finish: Pressure sensitive die cut
with 1/8" (3.17mm) gap
Outside Diameter: 11-7/8" (301.6 mm)
15-7/8" (403.2 mm) optional
Core Diameter: 3" (76.2 mm)
4" (101.6 mm) optional

Electric
115 – 230 Volt, 50/60 Cycle, 5 Amps

Air
40 – 60 PSI at .5 CFM while dispensing

Printer/Applicator Data:

Printing Label Speed: Up to 12"/second (305mm) based on printer selection

Accuracy: +/- 1/32" (+/- .79 mm)

Product Sensing: Photoelectric

Label Sensing: Photoelectric

Print Resolution: 203 dpi (8 dots/mm) (305 dpi available)

Printing Method: Thermal transfer printer (direct thermal available)

Standard Printer: Sato M-8485Se (optional printers available)

Communication Interface: RS232C

Bar Code Symbology: UPC-A, UPC-F, EAN-8, Code 39, Code 128, Interleaved 2/5, UCC/EAN 128, Postnet, 2D, and many others.

Available Applicators Include:

Tamp, Blow On, Tamp/Blow, Touch'n'Go, Dual Tamp/Corner Wrap, Pallet Applicator, Front Panel Swing Arm

Available Options:

- 305 dpi print resolution
- "H" floor mounting stand, vertical delta mount
- Direct thermal
- Low media and media out signal alarm beacon
- Printer selection (Sato, Zebra, Datamax)
- Label generation software available
- Left-hand feed printer
- Parallel (IEEE1284) and Ethernet-10/100BaseT communication interfaces
- Various product sensors

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CE   MEMBER PMMI USA

34-11/32" (872mm)   3" (76mm) for applicator   30" (762mm)   30" (762mm)   13" (330mm)   18-9/16" (471mm)

Pad length varies with label length