

# LITTLE DAVID<sup>®</sup>

## *Automatic Multi-Function Print and Apply Label Application System*

The unique design of the Little David<sup>®</sup> LS-800/DT allows it to print,

then apply a label in any of the following ways:

- Corner Wrap: apply a single label on the front and adjacent side; or back and adjacent side
- Dual Tamp (apply 2 labels in a single pass of the box or pallet): front & side; side & back; top & front; top & back; bottom & front
- Single Tamp: print and apply a single label to the front, side or back only

All these Label Applications are possible with minimal changeover. Just select the application needed through the microprocessor driven controller and change your label stock — you are ready to print and apply.

- Microprocessor driven controller w/user-friendly key pad and LCD display for easy access to label application parameters
- Print and applies a Corner Wrap, Dual Tamp, Front-side-back only label
- User-friendly label format software available for label design, alpha numeric and bar code printing
- 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
- Ability to apply label to bottom edge of product
- Patent pending
- Built in USA



# LS-800/DT

## Standard Features:

- Labeling head
- Applicator
- Proximity product sensor
- Photoelectric label sensor
- 30" Mounting tube
- Microprocessor

## Specifications:

### Machine Dimensions:

Length: 46-3/8" (1178 mm)  
Width: 18-3/4" (476 mm)  
Height: 24-3/16" (614 mm)  
Weight: 100 lbs. (45 kg)

### Label Dimensions:

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

### Label Roll Requirements:

Finish: Pressure sensitive die cut  
with 1/8" (3.17 mm) 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) for labels over 6" (152.4 mm)  
long]  
6" (152.4 mm) optional

### Electrical

115-230 volts; 50/60 cycle; 5 Amps

### Air

60 PSI at .5 CFM while dispensing

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## 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.

## Methods of Applying a Label:

Corner Wrap; Front and Side or Back and Side; Front and  
Top or Back and Top; Front, Side or Back only; Top or  
Bottom only; Bottom and Front or Bottom and Back

## Available Options:

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

