



# LP 100R Continuous Form Laser Imaging System



- **18" wide continuous-feed web**
- **RoHS Compliant**
- **100-page per minute print speed<sup>1</sup>**
- **Variable print resolution  
240, 300, 400, 480, 600 dpi**
- **Straight paper path**
- **Capable of printing EAS labels**
- **User-friendly, interactive color touch-screen display**
- **Operates at rated speed in high-variable data application**
- **Swing guide operation**
- **Lower cost per page**
- **Roll to roll sensors**

<sup>1</sup> Two-up 8.5" x 11" sheets

## **Fast, Accurate and Reliable Flash Fusion Printer Delivers High Quality on a Wide Array of Media.**

The SATO LP 100R is a high-performance laser imaging system offering superior print quality, high printing speeds, flexible paper handling, and ease of use. It is specifically designed to deliver excellent variable-data printing on custom tags, labels and forms.

Loading paper is as simple as setting the forms on the wide-web tractor feed and pressing a button. The tractor handles forms up to 18" in width and the unit has a print width of 17" – enabling it to print on two letter-size forms simultaneously and deliver up to 100-page per minute speeds.

The LP 100R printer employs Variable Printing Resolution technology, allowing it to shift on demand among five dpi levels – 240, 300, 400, 480 and 600 – to match your label or form requirements. A straight paper path gives the LP 100R greater handling flexibility: it accepts heavy tag stock – up to 20 mil thick – and ultra-thin labels without tearing or peeling.

The LP 100R has the ability to print customized data on Radio Frequency Electronic Article Surveillance (RF-EAS) tags and labels – with no risk of deactivation. With flash fusion technology, fuser pressure is eliminated and adjustable heat settings ensure that no melted adhesive drips into the printer. A clean printer means less downtime and more productivity.

Commands to the LP 100R are made on a color touch-screen operator panel displaying a user-friendly interface. Light-emitting diodes (LEDs) let an operator monitor the printer's operation from a distance.

The printer has the largest storage capacity in its class: an internal hard drive capable of holding up to 999 configurations – including formats, fonts and graphics – for fast recall. It also comes equipped with multiple disk drives to facilitate file transfers, enhancements and software updates.

Consumables for the LP 100R are designed for fewer user interventions and quick, easy replacement. The long-lasting toner cartridges – which help lower your cost per page – are reached via an exclusive toner access door, which allows the user to replace the toner while printing- less downtime.

# SPECIFICATIONS

## LP 100R Continuous Form Laser Imaging System

### Print Engine

**Print Technology:** Laser Print engine with Flash Fusion Long-life organic photoconductor Engine

**Speed:** 65 ppm @ 18" x 8.5" (45.75 cm x 21.5 cm), 50 ppm @ 18" x 11" (45.75 cm x 28cm), 100 ppm @ 8.5" x 11" (21.5 cm x 28cm) – 2 up or 3,300 lpm @ 6 lpi

**Variable Resolution:** 240, 300, 400, 480 and 600 dpi

**Page Coverage:** 25% maximum toner coverage (20% on higher density)

### Meto-Logic Controller

**PC-Based Controller:** Intel® Dual-Core based

**Operator Panel:** Touch-screen color display with graphic user interface; menu-driven setup

**Font Management:** Enables easy installation and management of user's fonts and graphics files (logos)

**Memory:** 16 MB DRAM with 512 K Cache

**Hard Disk Drive:** Internal unit; for storage of emulations, fonts, graphics and label formats

**Multiple Media Drives:** Available for file transfers, enhancements and software updates

### Emulations

**Standard:** Kodescript PLUS®, Kodescript®, Code V, Line Printer, PCL® 5e

**Optional:** IPDS and ASK (Call for others)

### Connectivity

**Standard Interfaces:** IEEE1284, Ethernet®

### Barcode Symbology

**Linear:** Code 93, Code 128 Automatic (Standard), Code 128 -Manual, Code 39, Codabar, EAN 8, EAN 8 + 2 Character Extension, EAN 8 + 5 Character Extension, EAN 13, EAN 13 + 2 Character Extension, EAN 13 + 5 Character Extension, Interleaved 2 or 5, Straight 2 of 5, MSI, POSTNET, POSTNET+4, POSTNET+4+2, UPC-A (3 of 5 digit supplement added as an extension to the UPC-A Bar Code), UPC-E (Either 6 or 10 Characters), UPS 128 (10 and 17 Characters), Serialized Shipping UCC128, Ship to Postal UCC 128, Generic UCC/EAN 128

**2-Dimensional:** PDF417, Maxicode

### Paper Handling

**Paper Input:** Continuous form pin-fed stock

**Media Width:** 6"–18" (15.25 cm x 45.75 cm)

**Paper Thickness:** 6.5 mil to 20 mil thickness

**Refold Length:** 7" to 16" fanfolded

**Image Area:** 17" (43 cm) wide

**Dead Zone:** 1/6" + 1/6" or reduced

### Fonts

**Standard Fonts:** Over 50 standard fonts (TrueType®, Agfa® and Postscript®) including ASCII, ASCII Bold, Swiss Medium, OCR-A and OCR-B

**Optional Fonts:** Additional Postscript Type 1 and TrueType

### Electrical/Environmental/Physical

**Power Supply:** 200-240 VAC/ 50 or 60 Hz, single phase, 30 amps

**Operating Temperature Range:** 50° F (10° C) to 95° F (35° C)

**Relative Humidity:** 35%-80%

**Dimensions (HxWxD):** 47" x 36" x 37" (119 cm x 91.5 cm x 94 cm)

**Weight:** 570 lb. (258.5 kg)

### Printer Options

- Swing Guide

## Contact For a full list of all SATO offices, refer to [www.satoworldwide.com](http://www.satoworldwide.com)

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