

The **LPA1000** is an in-line, label print-and-apply (LPA) system that gives the user the ability to print and apply labels to packages and pallets before shipping. The LPA1000 does this by taking label data and seamlessly integrating it within Vanomation's patented XYZ location command set to position the printing/label application device. This guarantees that each label will be placed on the right product in the right location.

LPA1000 FEATURES



SINGLE SYSTEM USER INTERFACE

Unlike traditional OEM printer applicators that require a dual interface for operation and control of each device the LPA1000 utilizes the Printronix T8 thermal printer technology to provide a unique Single System User Interface.

This consolidates both printer and applicator controls, while providing feedback messages on system status, errors, and more.



MULTIPLE PRINTER SIZES

Printer widths are 4" standard – upgradeable to 6" and 8" printers.



AUTOMATIC-LABEL-ANYWHERE (OPTIONAL)

Mixed product environments often require barcode labels to be printed and applied in different locations on packages and pallets. The LPA1000 is the industry's only printer applicator that provides this flexibility by utilizing the unique Automatic-Label-Anywhere option which integrates seamlessly with WMS and ERP systems.



Within PGL label data, Vanomation's patented XYZ location commands are sent to axis motors, positioning the printer applicator to the specified location, and applying the bar code label. Unlike traditional fixed position LPAs, the Automatic-Label-Anywhere option moves the LPA to the location of the label—saving operators manual adjustment down-time.

APPLICATOR TAMP

Factory configurable display in 90° rotation increments accommodates common printer orientations: nose down, nose up, top apply and horizontal.

Standard : Tamp/blow
Optional : Smart tamp

PRINTING CHARACTERISTICS

MAX PRINT SPEED

- 4": 14 IPS @ 203dpi
- 6": 12 IPS @ 203dpi
- 8": 10 IPS @ 203dpi

PRINTING METHODS

- Thermal transfer
- Direct thermal

RESOLUTION

- 203/300 DPI (operator interchangeable)

PRINTABLE WIDTH

- 4.1" max (LPA1204/LPA1304)
- 6.6" max (LPA1206/LPA1306)
- 8.5" max (LPA1208/LPA1308)

MEDIA COMPATIBILITY

RIBBON

- 625m length

METHOD OF DETECTION

- Label gap
- Hole or notch
- Black mark

OPERATOR CONTROLS/INDICATORS

Operator Controls
Message Display Indicators

BARCODE SYMBOLOGIES

Major 1D and 2D barcode symbologies supported

PROGRAMMING LANGUAGES

Printronix Graphics Language (PGL) Zebra Graphics Language (ZGL)*

TEC Graphics Language (TGL)* Intermec Graphics Language (IGL)* Sato Graphics Language (STGL)* Datamax Graphics Language (DGL)*

*Printer Protocol Interpreters for ZPL, TEC, IPL, Sato and DPL with RFID commands for PGL, ZPL and Sato only

SENSING METHODS

Transmissive
Reflective (Gap, Mark, Notch, Continuous Sensing Form)

INTERFACES

Standard

- RS232 Serial
- IEEE 1284 (Centronics)
- USB 2.0

Optional

- Ethernet (supports PrintNet® Enterprise or PXML) Wireless (802.11b) (supports PrintNet Enterprise or PXML)

REQUIREMENTS

Line Input	120/240 VAC switchable
Compressed Air	80 to 100 PSI, 1/4" NPT connector, 3-5 SCFM
Operating Temperature	5°C to 40°C
Humidity	Max 85% RH, Non Condensing
Dimensions	18" x 36" x 29" (45.7 cm x 91.4 cm x 74.0 cm)
Weight	100 lbs (45.3kg)