AFINIA LABEL®
MAKE YOUR OWN LABELS

L901
COLOR LABEL PRINTER

L901 Industrial Color Label Printer

Powerful in Both Roll-to-Roll and Inline Applications

The L901 combines industrial design, exceptional image quality, and high production speeds with a new ability to service and maintain the printhead “on-the-fly.” This makes the L901 perfect for long roll-to-roll jobs or inline integration with label finishers, applicators, dispensers and more.

Producing vibrant full-color prints in high resolution of 1600dpi is now more economical than ever, thanks to five high-capacity 250ml CMYKK ink cartridges delivering a new ultra-low cost per label.

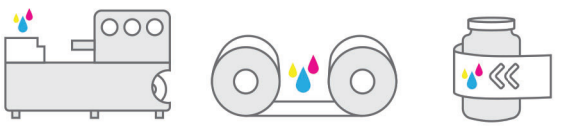
Key Features

- Low ink cost per label
- Variable data capability
- Professional print quality
- Designed for inline operation

Water-Resistant Labels

The L901 Plus model has Watershield™ for increased moisture resistance.

This optional technology is perfect for labels that may be exposed to moisture, such as chilled beverages, foods, chemicals, or pharmaceutical products.



Presses / Finishers | Roll to Roll | Print & Apply

Powered by memjet

Mid-job printhead maintenance

Revolutionary print engine allows for mid-job cleaning. Crucial for full inline operation

Touchscreen Operation

Easily store files, run and pause jobs, or perform maintenance tasks through a user-friendly interface

Industrial build quality

Designed for all-day printing—either roll-to-roll or inline—in a production environment

Professional image quality & resolution

Exceptionally crisp text, barcodes, and images with vibrant color and rich blacks

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VDG
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L901 Specifications

Printer:

Print method:	Memjet Waterfall Printhead Technology® 11 Integrated Circuit (IC) Chips – 70,400 nozzles
Inks:	Dye-based, 250mL CMYKK (1.25L total)
Print resolution:	1600 x 1600 dpi – 1600 x 800 dpi
Print speed:	6 inches (152 mm) per second – 12 inches (305 mm) per second
Print width:	8.5 inches (216 mm)
Cutter/sheeter:	Powered

Media:

Media Size:	Width: 2"–9" (50.8 mm–229 mm) Length: 2"–48" (50.8 mm–1220 mm)
Thickness:	Minimum 0.005" (0.13 mm) Maximum 0.01" (0.3 mm, including liner)
Core diameter*:	Requires 3" (76.2 mm) cardboard core
Unwind/Rewind*:	12" (305 mm) outside diameter

Media sensors:	Gap (movable), continuous, black mark
Die-cut gap:	Minimum 0.125" (3.0 mm) Maximum 0.3" (8.0 mm)
Black mark:	3 mm wide, 25.4 mm long on left
Substrates:	Compatible with a wide range of paper, polyester, polypropylene, and vinyl label stocks

**with optional XL Unwind/Rewind system, shown below*

General:

Interfaces:	USB 2.0, TCP/IP (Manual IP configuration or DHCP), GPIO available for external device control
Operating system:	Windows 7, 8, and 10 (32 and 64 bit)
Barcode font:	1D Barcode at least Grade B (Code39) with 10mils bar width
2D code printing:	2D Barcode at least Grade B (PDF417) with 10mils cell size
Operating temperature:	15°–35° C (59°–95°F) at RH 20–80%
Overall dimensions:**	22.5" (572 mm) W, 20.5" (521 mm) D, 14" (356 mm) H
Weight:	85 lb (38.5 kg)
Rated voltage:	AC 110V – 220V, auto-sensing
Warranty:	One year

Optional XL Unwind/Rewind System
For high-capacity roll-to-roll production.
Visit our website or contact us for details.

***Dimensions with XL Unwind/Rewind System:*
59.5" (1512 mm) W, 20.5" (521 mm) D, 23" (585 mm) H

In-House Label Solutions for Every Level of Production

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