

Afinia Label L901
Industrial Color Label Printer
with Memjet Print Head

Brochure



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When Image Matters.

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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.

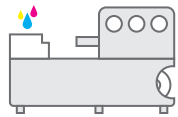
Key Features

- ✓ 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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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) | Media sensors: | Gap (movable), continuous, black mark |
| Thickness: | Minimum 0.005" (0.13 mm) Maximum 0.01" (0.3 mm, including liner) | Die-cut gap: | Minimum 0.125" (3.0 mm) Maximum 0.3" (8.0 mm) |
| Core diameter*: | Requires 3" (76.2 mm) cardboard core | Black mark: | 3 mm wide, 25.4 mm long on left |
| Unwind/Rewind*: | 10" (250mm) outside diameter | 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