



**AFINIA LABEL®**  
**MAKE YOUR OWN LABELS**

## L801 Industrial Color Label Printer

**L801**  
COLOR LABEL PRINTER

### Incredible Print Quality with Industry-Leading Low Cost of Ownership

The easy-to-use L801 Industrial Color Label Printer is powered by Memjet Waterfall Printhead Technology®. Built with a stationary printhead for ultimate speed, and a 1.25 liter ink capacity for large print runs, the L801 saves you both time and money.

The L801 Memjet label printer is an industrial web-fed inkjet solution, ideal for short- to medium-range print runs for retail, inventory, and product identification applications.

#### Key Features

- ✓ Print speed of up to 60 feet/minute
- ✓ Industry-leading ink cost per label
- ✓ Variable data capability
- ✓ Compatible with a wide range of label stock
- ✓ Exceptionally crisp images and text

Powered by  
**memjet®**



#### Wide range of media compatibility

Choose the label stock that creates the best look and feel for your brand

#### Easy access

For simplified maintenance and servicing

#### Large ink capacity (CMYKK)

Supports large runs and offers industry-leading ink cost



#### Memjet-powered stationary printhead

Enables ultimate speed, quality, and reliability

#### Professional image quality & resolution

Exceptionally crisp images and text with vibrant color and rich blacks

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# L801 Specifications

## Printer:

|                          |  |
|--------------------------|--|
| <b>Print method:</b>     | Memjet Waterfall Printhead Technology® 11 Integrated Circuit (IC) Chips – 70,400 nozzles |
| <b>Inks:</b>             | Dye-based, 250 mL CMYKK (1.25 L total)   |
| <b>Print resolution:</b> | 1600x1600 dpi or 1600x800 dpi  |
| <b>Print speed:</b>      | 6"–12" per second (152 mm–305 mm)  |
| <b>Print width:</b>      | 8.5" (216 mm)  |
| <b>Cutter/sheeter:</b>   | Powered  |

## Media:

|                          |   |                       |   |
|--------------------------|---|-----------------------|---|
| <b>Media/Label Size:</b> | Width: 2"–8.5" (50.8 mm–216 mm)<br>Length: 2"–48" (50.8 mm–1220 mm) | <b>Media sensors:</b> | Gap, continuous, black mark   |
| <b>Media Thickness:</b>  | Minimum 0.005" (0.13 mm)<br>Maximum 0.01" (0.3 mm, including liner) | <b>Die-cut gap:</b>   | Minimum 0.125" (3.0 mm)<br>Maximum 0.3" (8.0 mm)  |
| <b>Core diameter:</b>    | Requires 3" (76.2 mm) cardboard core                                | <b>Black mark:</b>    | (3 mm wide, 25.4 mm long on left)   |
| <b>Outside diameter:</b> | Maximum 8" (203 mm)   | <b>Substrates:</b>    | Compatible with a wide range of paper, polyester, polypropylene, and vinyl label stocks |

## General:

|                               |   |
|-------------------------------|---|
| <b>Interfaces:</b>            | USB 2.0, TCP/IP (Manual IP configuration or DHCP), GPIO available for external device control |
| <b>Operating system:</b>      | Windows 7+ (32 and 64 bit)  |
| <b>Barcode font:</b>          | 1D Barcode at least Grade B (Code39) with 10mils bar width                                    |
| <b>2D code printing:</b>      | 2D Barcode at least Grade B (PDF417) with 10mils cell size                                    |
| <b>Operating temperature:</b> | 15°–35° C (59°–95°F) at RH 20–80%   |
| <b>Overall dimensions:</b>    | 18.9" (480 mm) W, 19" (485 mm) D, 21.1" (535 mm) H  |
| <b>Weight:</b>                | 83 lb (37.6 kg)   |
| <b>Rated voltage:</b>         | AC 110V – 220V, auto-sensing  |
| <b>Warranty:</b>              | One year  |



**In-House Label Solutions for Every Level of Production**

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