

Formax ColorMaxLP2 High-Speed Digital Color Label Printer

Product Spec Sheet



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FORMAX[®]

ColorMaxLP2 DIGITAL COLOR LABEL PRINTER



Brilliant Full-Color Labels from a Compact Production-Ready Printer

The ColorMaxLP2 Digital Color Label Printer produces brilliant full-color labels at up to 60 feet per minute. Featuring a high-speed Unwinder/Rewinder System, it can easily handle continuous roll-to-roll label production, using rolls up to 10" in outside diameter. The revolutionary print engine design allows for on-the-fly maintenance, making it ideal for roll-to-roll production as it keeps the web intact throughout the entire print run.

The Memjet[®] print head has 70,400 ink nozzles and no moving parts, which provides higher speeds and lower maintenance costs. With a print resolution of up to 1600 x 1600 dpi it produces high-quality crisp text, barcodes, and images with vibrant color and deep, rich black tones.

The ColorMaxLP2 is compatible with a wide range of substrates including paper, polyester, polypropylene and vinyl label stocks, and utilizes 5 high-capacity 250ml ink tanks (CMYKK) for longer uninterrupted print runs. It features two modes of operation, continuous roll-to-roll using the unwinder/rewinder for larger runs, and print-and-cut utilizing the integrated cutter for short-run projects.

An intuitive full-color touchscreen provides real-time feedback to monitor job status, ink levels, perform maintenance operations, and more. Standard features include a "warm start" where printing begins in under 10 seconds, a front access door for ink cartridge replacement, and print file storage which allows users to easily recall and run past jobs.

Combining high speeds, stunning CMYK output, and a user-friendly interface, the ColorMaxLP2 is the ideal solution for all-day printing in a production environment, completing high-volume print jobs with reduced media costs.

Operating Features

High-Speed Color Printing: Prints labels at up to 12 inches per second / 60 feet per minute

Inkjet Technology: Full-color CMYK printing with Memjet thermal technology

Intuitive Full-Color Touchscreen: The user-friendly interface allows operators to recall stored files, run and pause jobs, and perform maintenance operations

Memjet Print Head: Stationary print head features 70,400 ink nozzles and no moving parts for higher speeds and lower ink and maintenance costs

Professional Image Quality: Print resolution of up to 1600 x 1600 dpi produces exceptionally crisp text, barcodes, and images with vibrant color and deep black tones

Unwinder/Rewinder System: Allows for continuous roll-to-roll label production. Easily handles rolls up to 10" in outside diameter for high-volume jobs and reduced media costs

Mid-Job Print Head Maintenance: Revolutionary print engine design allows for mid-job cleaning "on the fly," making it ideal to maintain production print rates as it keeps the web intact throughout the print run

Quick Start: Using a "warm start," it begins printing in under 10 seconds

Two Operating Modes: Continuous roll-to-roll for large production runs, and an integrated cutter which allows for easier processing of short-run jobs

Rugged, Steel Construction: Designed for all-day printing in a production environment

Integrated Cutter: Powered cutter makes quick work of short-run projects

Ultra-Low Ink Cost: Five high-capacity ink cartridges (CMYKK) provide extremely low ink cost per print

Compatible with a Range of Substrates: Paper, polyester, polypropylene and vinyl label stocks

File Storage: Easily recall and edit stored files

Options / Supplies

Inkjet Inks: High-capacity ink tanks for ultra low print costs

CJ-16: Adjustable-height cabinet

CJ-20: 1600 dpi Memjet thermal inkjet print head

Specifications

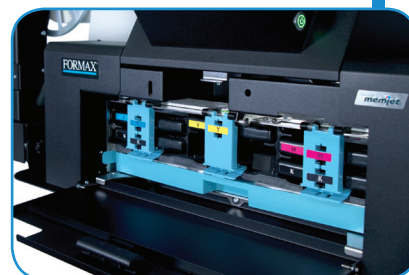
| | |
|---|---|
| Print Speed: | Up to 12 inches per second / 60 fpm |
| Label Media Size: | Width: 2" - 9" (50.8 - 229mm) Length: 2" - 48" (50.8mm - 1220mm) |
| Label Thickness: | Min: 0.005" (0.13mm) Max: 0.01" (0.3mm, including liner) |
| Label Types: | Paper, polyester, polypropylene, vinyl |
| Print Resolution: | Up to 1600 x 1600 dpi - 1600 x 800 dpi |
| Print Width: | Up to 8.5" (216mm) |
| Media Sensors: | Gap (movable), continuous, black mark |
| Die-Cut Gap: | Min: 0.125" (3.0mm) Max: 0.3" (8.0mm) |
| Black Mark: | 3mm wide, 25.4mm long on left |
| Core Diameter: | Requires 3" (76.2mm) cardboard core |
| Unwinder/Rewinder: | 10" (250mm) outside diameter |
| Cutter: | Integrated and powered |
| Ink Tank Capacity: | Cyan 250ml, Magenta 250ml, Yellow 250ml, Black 500ml |
| Color Matrix: | Up to 16.8 million colors |
| Operating System: | Windows 7, 8 and 10 (32 and 64 bit) |
| Interfaces: | USB 2.0, TCP/IP (Manual IP configuration or DHCP) |
| Dimensions (printer): | 22.5" W x 14" H x 20.5" D (572 x 356 x 521mm) |
| Dimensions (with Unwind/Rewind System): | 59.5" W x 23" H x 20.5" D (1512 x 585 x 521mm) |
| Weight: | 85 lbs (38.5kg) |
| Electrical: | AC 110V - 220V, auto-sensing |



Full-color touchscreen control panel



Memjet Inkjet Print Head features 74,000 nozzles and no moving parts



High-capacity ink tanks are easy to swap out with minimal disruption using the front access door



Compatible with a variety of label stocks, 1600 dpi resolution produces crisp text and images with vibrant color

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