



HP C500 & M500 Print Module Systems

Add value to your envelopes, postcards, and self-mailer documents
and increase open rates



Target customers

The HP C500 and M500 are ideal for companies that require a high-speed, low-cost, modular variable data imprinting system.

Applications

- Mail tables, cut sheet inserters and envelope wrapping systems

Key highlights

HP printhead and bulk supplies with Original HP ink, designed to maintain optimum performance while printing on a wide variety of substrates:

- High performance with up to 600 dpi¹, 4.25" (108mm) swath
- Up to 500 feet (152 meters) per minute
- Flexible and compact; full CMYK process color in one module
- Clean and easy to operate
- Maximizes uptime with fast start-up, easily replaceable printheads, and hot swap supplies

Add process color to your envelopes, postcards, and self mailers

The HP C500 Color Print Module System is a modular print system solution that integrates into your existing inserting equipment to provide new capabilities to grow your business. The HP C500 system allows full CMYK process color in a single module. The M500 system provides high print quality for monochrome personalized images, data or barcodes. Produce color and monochrome images, graphics, and variable data at up to 600 dpi¹ and up to 500 feet (152 meters) per minute.

By adding process color inline with your equipment, you can simplify the supply chain and reduce preprinted envelope stock. With HP Scalable Print Technology, you can count on a reliable, proven printhead technology that can be automatically serviced and is easily replaceable by an operator. No printhead refurbishment required.

Genuine HP Supplies: Lower your costs and intervention rates

HP offers a variety of ink supplies to best suit your application and volume. The HP Intelligent Ink Supply Station holds two auto-switching 775-ml ink cartridges per color (effectively 1.5 liters each). This means continuous ink flow to your print module with no need stop printing.

¹ 600x300 optimized dpi using 300x300 dpi input data.

Technical specifications

Description	HP Scalable Printing Technology (SPT) system for variable data printing with an easily replaceable printhead including: <ul style="list-style-type: none"> • Intelligent Print Driver (IPD) • Intelligent Service Station (ISVS)
Printheads	1 x 5 die HP SPT printhead 10,560 nozzles per color
Print Swath	108 mm (4.25") in one module, multiple modules may be stitched for wider print widths
Resolution	up to 600 dpi ¹
Print Speed	Maximum print speed of 500 feet per minute (152 meters per minute)
Ink Type	Dye-based
Ink Supplies	775 ml supplies
Printhead Servicing	Automated servicing (wiping, capping, spitting)
Printhead Replacement Time	less than 1 minute per printhead
Optimum Operating Environment	15-35° C (59-95 °F), 20-80% RH
Module Dimensions	Length = 516mm (20.3in), Width = 352mm (13.9"), Height = 592mm (23.3")
Ink Delivery System	HP Intelligent Ink Supply Station

¹ 600x300 optimized dpi using 300x300 dpi input data.

Learn more at
hp.com/go/oeminkjet

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