

UV-32MP

INTERMEDIATE FORMAT FLATBED UV LED
PRECISION, VERSATILITY & EFFICIENCY IN A COMPACT SIZE



Industrial-Grade Promotional & Multi-Purpose System

Experience a new era of printing with our compact UV flatbed system, designed for a wide range of applications and superior performance. Say goodbye to gravity-fed, consumable print heads and the cumbersome maintenance they demand. The MP Series printers feature an advanced, integrated approach that eliminates the need for disposable print heads or capping stations.

The MP Series leverages a negative-pressure ink delivery system, ensuring industrial-grade performance with precision, high-resolution print results, every time. The optimized design ensures perfect and consistent ink delivery from start to finish, with minimal downtime and maintenance.

UV-32 Direct Color Systems
MP

Chromasphere
General Purpose Ink

UV-32 Direct Color Systems
MP Fx

Chromasphere Fx
Flexible Ink

- ➔ Unlock the potential of Promotional Items with the UV-32MP. A real industrial-grade system designed for small to intermediate production. 10,000 cubic inches of print volume to use your way!
- ➔ 24" x 36" (60cm x 90cm) vacuum table has space for anything from a layout of small promotional items to two yard signs side-by-side and with a maximum material height of 12" (30cm) allows for a range of larger objects just waiting to be customized.
- ➔ Advanced printing technology delivers unmatched precision and vibrant colors every time. White and Varnish add to the creative possibilities.
- ➔ The range of DCS specialized application technologies allow for ADA and Braille and highly textured prints for high-impact prints in promo or decor applications. The UV-32MP is rotary printing ready with an easy-to-install EasyCyl rotary adapter. Everything you need for promotional items, signage and ADA/Braille in one powerhouse printer.

CHROMASPHERE™
PRINT TECHNOLOGY



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UV-32MP

SPECIFICATIONS

REQUIREMENT	SPECIFICATIONS												
Print Heads	Chromasphere Print Technology Printheads, Piezo Inkjet, 5-12 pL Variable Drop Greyscale												
Resolution	720x600dpi / 720x900dpi / 720x1200dpi												
Ink Sets	4 Color Printing, White & Clear, 500 ml Direct Pour Ink Tanks/6 Color Optional												
Printer Size	2235mm x 1321mm W x 1270mm / 88" x 52" x 50"												
Vacuum Table	Integrated Vacuum Table for Maximum Substrate Hold-down												
Printer Weight	350kg / 772lbs - Crated Weight 520kg / 1146lbs												
Printer Max Image	60cm x 90cm / 24" x 36"												
Printer Max Substrate	648mm x 952mm / 25.5" x 37.5"												
Material Height Max.	320mm / 12.6"												
Warranty	1 Year Limited Warranty												
RIP	Color Byte 12 with Compass Feature and Printer Control Software												
Power Requirements	220-240VAC 50/60HZ 20A Max Single Phase Circuit												
Environmental	20°C - 25°C / 68°F - 77°F - 40%-70% Rel. Humidity, 40%-60% Optimal												
Print Speeds	<table border="1"> <tbody> <tr> <td>Color</td> <td>1200dpi</td> <td>48.5 ft²/Hr (4.5 m²/Hr) Full bed</td> </tr> <tr> <td>Color/White</td> <td>1200dpi</td> <td>45.0 ft²/Hr (4 m²/Hr) Full bed</td> </tr> <tr> <td>Texture</td> <td>1200dpi 2/2</td> <td>12 ft²/Hr (1 m²/Hr) Full bed</td> </tr> <tr> <td>ADA</td> <td>1200dpi 4/4</td> <td>6 ft²/Hr (.56 m²/Hr) Full bed</td> </tr> </tbody> </table>	Color	1200dpi	48.5 ft ² /Hr (4.5 m ² /Hr) Full bed	Color/White	1200dpi	45.0 ft ² /Hr (4 m ² /Hr) Full bed	Texture	1200dpi 2/2	12 ft ² /Hr (1 m ² /Hr) Full bed	ADA	1200dpi 4/4	6 ft ² /Hr (.56 m ² /Hr) Full bed
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Cylindrical Print Option	EasyCyl - Diameter 35mm to 150mm / 1.38" to 5.9"												



CHROMASPHERE™
PRINT TECHNOLOGY

- Chromasphere Print Technology is a holistic approach to print system design. With ink formulated for optimal performance, precision-engineered Stainless Steel print heads, and a closed-loop ink delivery system, the MP Series ensures spectacular results with every print.
- 1680 nozzles per print head, delivering precise, high-resolution, consistent drops.
- Recirculation system keeps white inks in suspension, maintaining their viscosity and ensuring the brightest, most opaque whites that UV Inkjet printing demands.
- Bulk-load ink tanks allow you to add ink on the fly, reducing time & eliminating ink cartridge waste.
- Without the need for capping stations and dampers found in gravity-fed systems, the UV-32 is a robust, production-ready UV print solution.

Note: Speeds are substrate dependent. Print times may vary dependant on print mode configuration. All substrates should be tested for image receptivity, adhesion and durability with final acceptance and suitability determined by the customer. Some materials may require the use of an adhesion promoter or a chemical wipe prior to printing to promote adhesion. This data sheet is for informational purposes only. Direct Color Systems makes no warranties, expressed or implied in this summary. Specifications are subject to change without notice. This is not an offer for sale. Compliant with patents: directcolor.com/patents.



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