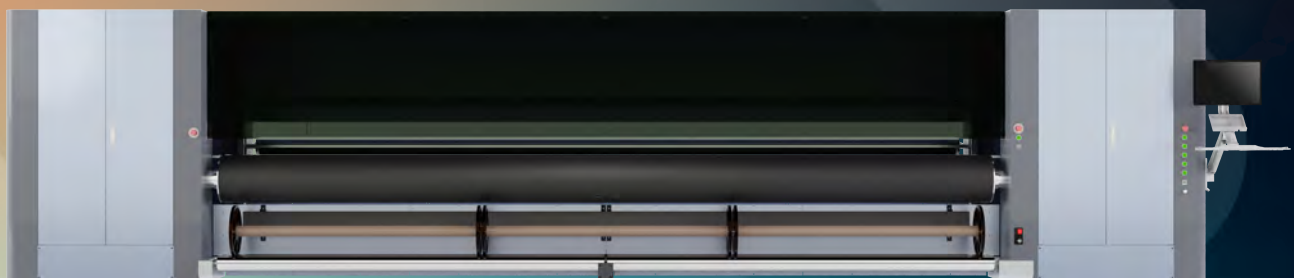




M5300 *Novel Ultra-wide Hybrid Printer*



M5300 is a brand new ultra wide hybrid printer independently developed by JHF and competent on both rigid and rolled UV printing. It is widely applicable to a variety of media and helps users develop a broader market. M5300 is equipped with 4 rows of industrial grade heads, which brings excellent printing accuracy and gorgeous color effect and realizes high-speed output, making the picture expressive and productivity beyond imagination. Wide format 5m and multi-rolls printing kit can effectively improve production efficiency and easily cope with various application scenarios, all in one design to save the cost. The front and rear double roll loading and taking up system makes it easier to load materials and make the working process simpler and more efficient. Its electronic negative pressure system with towline solution can effectively avoid motion faults, achieve high-precision control, and have better stability. The super performance and excellent compatibility of M5300 empower competitiveness and open a new horizon of UV hybrid printing.

Freely switch between rigid and flexible printing Fearless for all applications



Color, beyond imagination



Explore & foresee the future

High-precision metal grating with linear motor to ensure high-speed movement of printhead; constant pressure adsorption control system ensures stable material adsorption and creates excellent quality on printed images.

Application, infinite possibilities

An extremely wide range of applications, both rolled and rigid media are competent. Three rolls of 1.5-meter-wide materials can be printed at the same time.



Excellent productivity

M5300 is equipped with 4 rows of industrial grade heads, which brings excellent printing accuracy and gorgeous color effect and realizes high-speed output, making the picture expressive and productivity beyond imagination.



Learn more about M5300

Core technology advantages



All in one with multi-roll kit: both rolled and rigid media are competent on UV printing. Its flexible production mode can realize the simultaneous printing of three rolls of 1.5-meter-wide materials, improve production efficiency and save costs.

High precision control achieves ultra stable performance: metal grating and linear motor ensure high-speed and stable operation of carriage; double guide rail and towline solution are adopted to ensure the stability of long-term operation.

Color management software: RIP software Caldera or PrintFactory adopted to support many mainstream applications, with simple and convenient operation interface.

Stable adsorption: the platform adopts constant pressure control technology to ensure stable adsorption of materials and printing accuracy.

Intelligent ink supply system: stable sub ink tank temperature control system to ensure consistent ink properties in different environments. The whole machine adopts high-precision filter to ensure the quality of ink supply. A complete ink system is a powerful driving force to achieve stable and lasting output.

High steadily stepping achieves high-quality printing: imported rubber belt to ensure that the step is accurate and does not deviate, and no netting texture shown on image.

Intelligent multi-function carriage control: anti-collision system avoids the damage of the heads due to accidental factors. Electrostatic rod effectively remove the static electricity on the surface of the material, prevent floating ink and flying ink, and improve the printing quality of the product.

LED lamp curing solution: using LED cold light source can effectively reduce energy consumption, be more environmental protection, and help sustainable development.

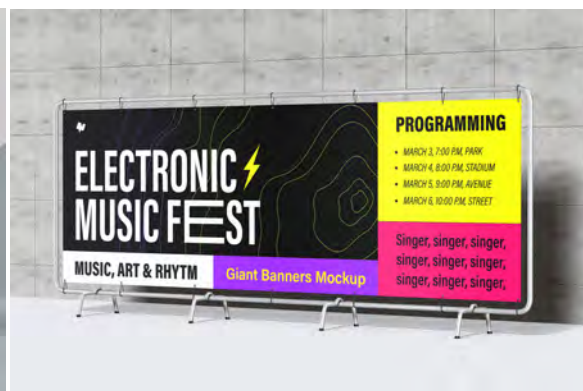
The front and rear double roll loading and taking up system: makes it easier to load materials and make the working process simpler and more efficient.



M5300 Industrial Printer

Technical Specifications

Printing width	5000mm		
Printhead	KM1024i		
Quantity of heads	4 rows (max. 26 heads)		
Printing speed	High speed mode (4 rows)	540* 720 dpi	280m ² /h
	Production mode (4 rows)	540* 1080 dpi	192m ² /h
	Quality mode (4 rows)	540* 1440 dpi	140m ² /h
Substrates	Rigid media: glass, wood plate, ceramic tile, metal plate, acrylic board, PVC expansion sheet, crystal, marble, corrugated board. Rolled media: flexible film, 3P cloth, fabric, wallpaper, leather, banner, reflective film, canvas and other flexible materials.		
X-direction carriage driven	Linear motor (Maglev)		
Curing method	Water-cooling LED UV lamp		
Ink tank	5L		
Image format	TIFF, JPEG, POSTSCRIPT, EPS,PDF		
Color	C、M、Y、K、Lc、Lm、W		
Temperature	18-28℃		
Humidity	40%-60%		
Connectivity	PCIE		
Machine power	12KW/ 380V		
Input voltage	380V /50/60Hz		
Machine size	8200mm x 2020mm x 1950mm		
Machine weight	6000kg		



For further information, please contact local JHF partner. Website: www.jhfprinter.com Specifications are subject to change without notice. All rights reserved.



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