



## **M5300** *Novel Ultra-wide Hybrid Printer*

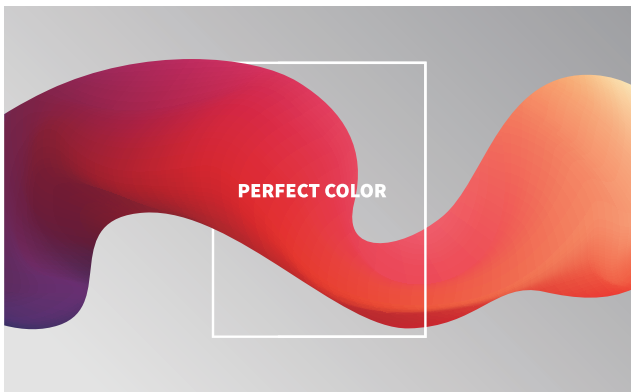


M5300 is a brand new ultra wide hybrid printer independently developed by JHF with super roll to roll UV printing function. It is widely applicable to a variety of media to realize the output of multi scene printing solutions. M5300 is equipped with industrial heads to achieve high-speed output while bringing excellent printing accuracy and outstanding color expression. 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.

# Infinite applications, wide-format printing



## Color, beyond imagination



## Application, infinite possibilities

With super roll to roll UV printing function and wide range of applications. Three rolls of 1.5-meter-wide materials can be printed at the same time.

## 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.



## Excellent productivity

M5300 is equipped with 6 rows Konica or 4 rows Kyocera industrial heads, it can achieve high-speed output while bringing excellent printing accuracy and outstanding color expression, making the picture expressive and productivity beyond imagination.



# Learn more M5300

Core tech

**Flexible production mode:** with super roll to roll UV printing function, its flexible production mode can realize the simultaneous printing of three rolls of 1.5-meter-wide materials, improve production efficiency and save costs.

**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 and improve the printing quality of the product.

**Ultra stable performance:** metal grating + linear motor to ensure high-speed and stable operation of carriage; double guide rail + towline solution to ensure the stability of long-term operation.

**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.

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

**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.

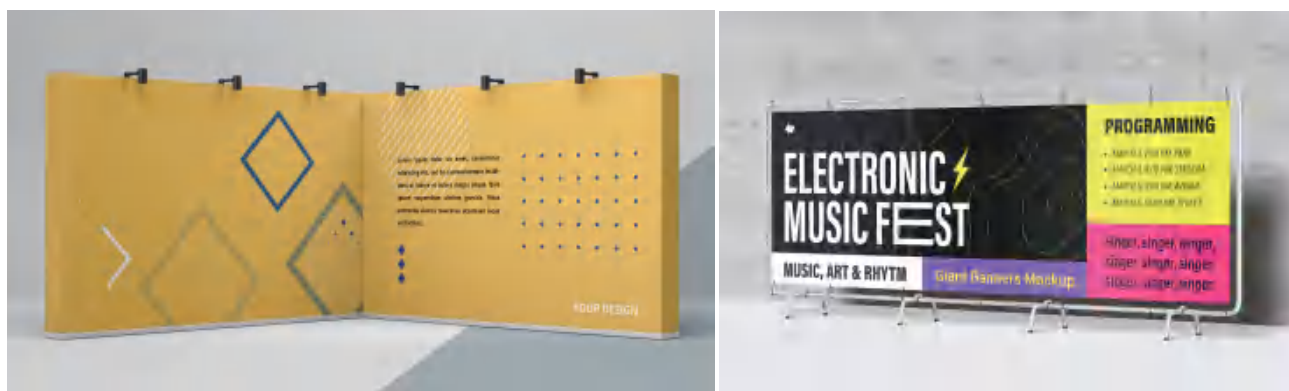


# M5300 Industrial Printer

## Technical Specifications

Printing width	5000mm		
Printhead	KM1024a 6pl		
Quantity of heads	6C*6		
Printing speed	High speed mode	326×1080dpi	400 m <sup>2</sup> /h
	Production mode	726×720dpi	310 m <sup>2</sup> /h
	Fine mode	726×1080dpi	210 m <sup>2</sup> /h
	Ultra fine mode	726×1440dpi	165 m <sup>2</sup> /h
(the above mentioned speed is based on speed without smooth, radient effect)			
Substrates	Flexible film, 3P cloth, fabric, wallpaper, leather, banner, reflective film, canvas etc.		
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°C		
Humidity	40%-60%		
Connectivity	USB		
Machine power	12KW/ 380V		
Input voltage	380V /50/60Hz		
Machine size	L 8050mm x W 2170mm x H 1840mm		
Machine weight	5500kg		

Note: Multi-rolls kit, pls kindly note it is optional with extra cost if need to order.



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



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