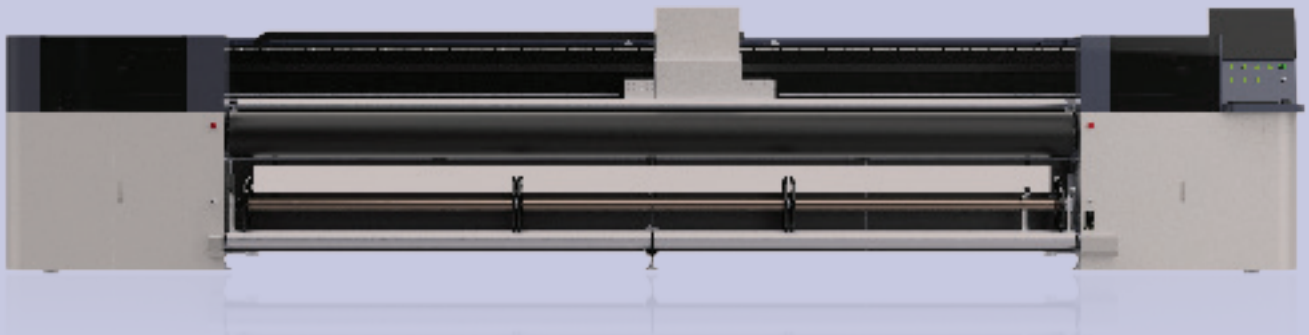


# M5300

## New Generation of UV Inkjet Hybrid Printer

M5300 is a brand new ultra-wide hybrid printer independently developed 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 take up system makes it easier to load materials and makes 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.



### Product Features

#### 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 and cost effective.

#### Intelligent multi-function carriage control

Anti-collision system avoids the damage of the heads due to accidental factors. Electrostatic rod effectively removes the static electricity on the surface of the material and improves the printing quality of the product.

#### 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.

#### 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.

#### LED lamp curing solution

Using LED cold light source can effectively reduce energy consumption, be more green and environmentally protected, and help sustainable development.

#### The front and rear double roll loading and take up system

Makes it easier to load materials and make the working process simpler and more efficient.

## Technical Specifications

|                             |                                                                                             |                |           |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------|-----------|
| Printhead                   | KM1024a pl                                                                                  |                |           |
| Ink Colors                  | C, M, Y, K, Lc, lm, White                                                                   |                |           |
| Number of Heads             | 6 colors * 6                                                                                |                |           |
| Printing Speed              | High Speed                                                                                  | 326 x 1080 dpi | 400 sqm/h |
|                             | Production                                                                                  | 726 x 720 dpi  | 310 sqm/h |
|                             | High Quality                                                                                | 726 x 1080 dpi | 210 sqm/h |
| Printing Media              | Flexible Film, 3P cloth, Fabric, wall paper, leather, banner, reflective film, canvas, etc. |                |           |
| Printing Width              | 5000mm                                                                                      |                |           |
| X-Direction Carriage Driven | Linear motor(Maglev)                                                                        |                |           |
| Ink Tank                    | 5L                                                                                          |                |           |
| Curing Method               | Water Cooling LED UV Lamp                                                                   |                |           |
| Image Format                | TIFF, JPEG, POSTSCRIPT, EPS, PDF                                                            |                |           |
| Rip Software                | Print Factory / Caldera(optional)                                                           |                |           |
| Working Environment         | Temperature: 18-28 C / Humidity: 40% - 60%                                                  |                |           |
| Interface                   | USB                                                                                         |                |           |
| Machine Power               | Three Phase 380V, 50/60Hz, 12KW                                                             |                |           |
| Machine Size                | L8050mm x W2170mm x H1840mm                                                                 |                |           |
| Machine PowerWeight         | 5500Kg                                                                                      |                |           |

## Application

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

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