

**UV Printer**

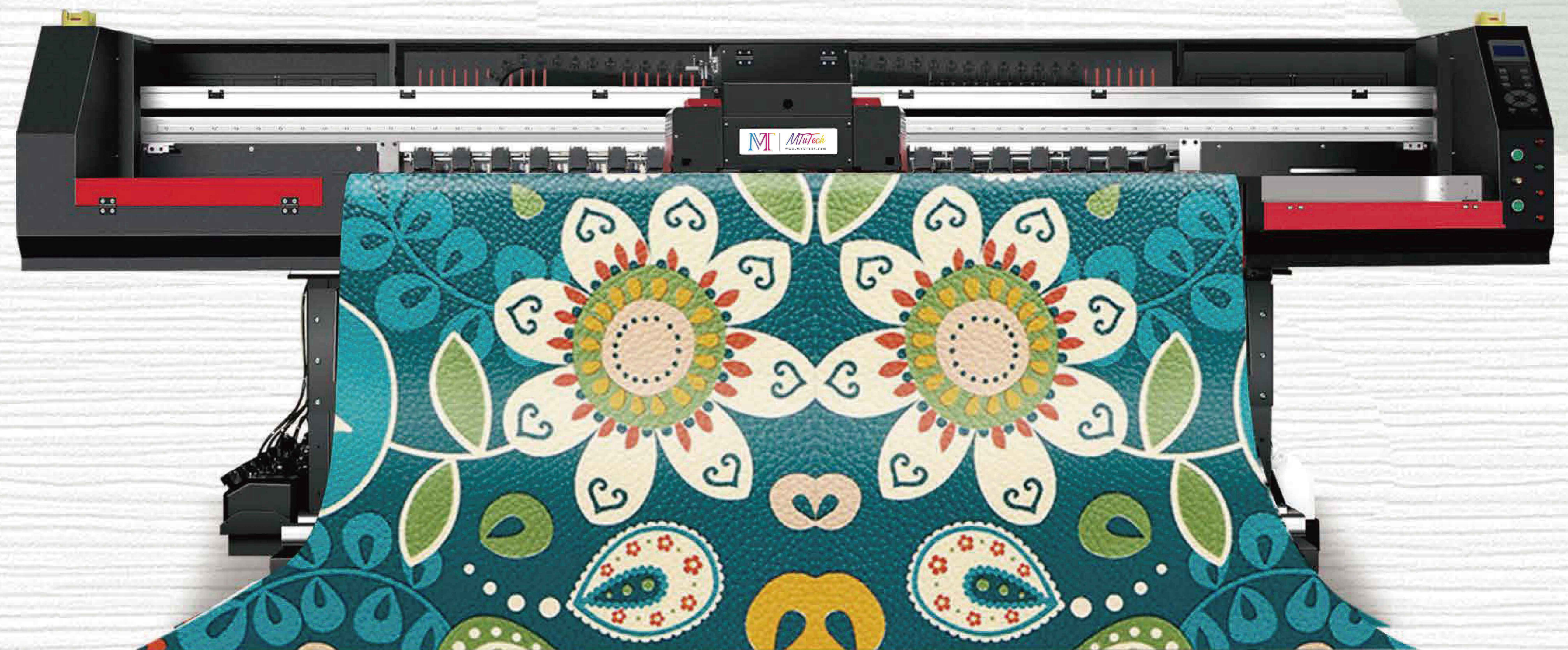
**MT-UV1904G**

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MeiTu Digital Industry Co.,Ltd.

**New Upgrade Version**

1.8 Meters Roll to Roll UV Printer  
2/4 Ricoh Gen5 Printheads Optional



# Ricoh Gen5 Roll To Roll LED UV Printer MT-UV1904G

## Description

A new generation, quality upgrading Large Format

Roll To Roll LED UV Printer MT-UV1904G is coming

which is a dexterous, highly active, energy saving,

premium industrial grade UV Printer! High Intension

Integrated Steel Frame Structure Machine Body 2018 premium

high precision industrial grade Roll to Roll UV Printer adopts

Widened aluminum alloy Machine platform, which ensures the UV Printer keeping firmly while printing. Industrial

designed rigid Aluminum Alloy Main Girder ensures firm and steady printout. Otherwise, Aluminum Printhead Carriage

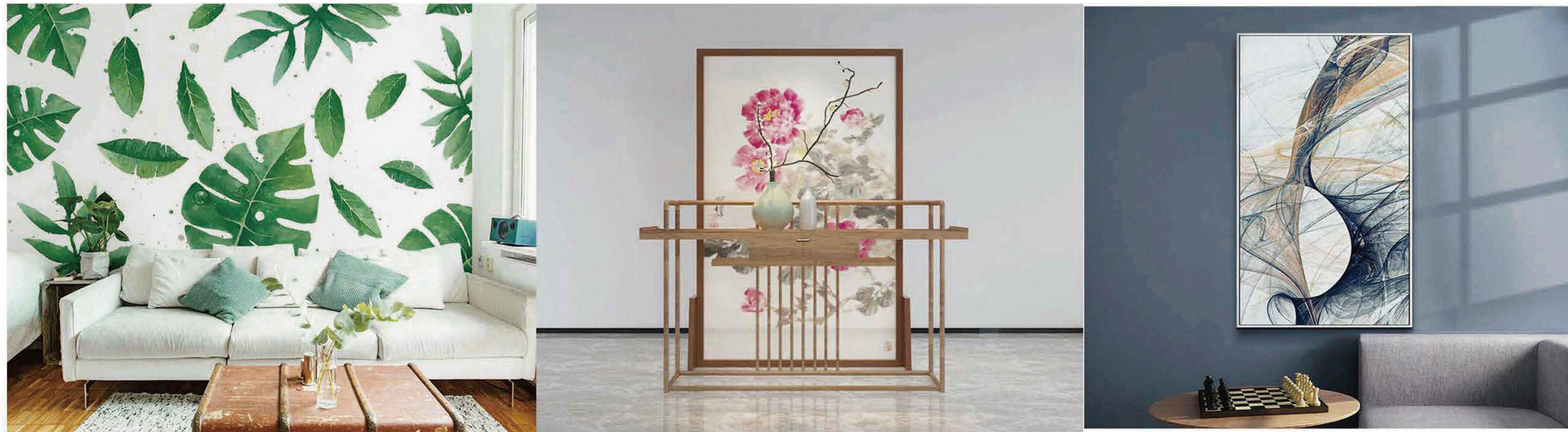
Frame, limited the part precision error to 0.1mm, ensuring perfect printing output.



# Feature:

## 1. Ricoh Gen5 Top Class Printhead

The MT-UV1904G LED UV Roll to Roll Printer adopts Ricoh Gen5 Top Class high speed Printhead. It contains 1280 nozzles of each printhead that is more than three times nozzle of Ricoh Gen4 printhead! Standard dual Ricoh Gen5 printehads and maximum 4 Ricoh Gen5 printheads by 4 or 5 colors printing, maximize the best performance of the productivity and precise printing quality!



## 2. THK Linear Guide Rail

The MT-UV1904G LED UV Roll to Roll Printer adopts THK 20mm width Linear Guide Rail with two slide blocks that can efficiently increase rigidity and torsion resistance, higher precision and mute silence during printing process. The THK Micro Guide Rail and Screw Rod are introduced to carriage lifting system to deliver easier adjusting and higher precision printing.

### 3. New Variable Size Droplet Technology

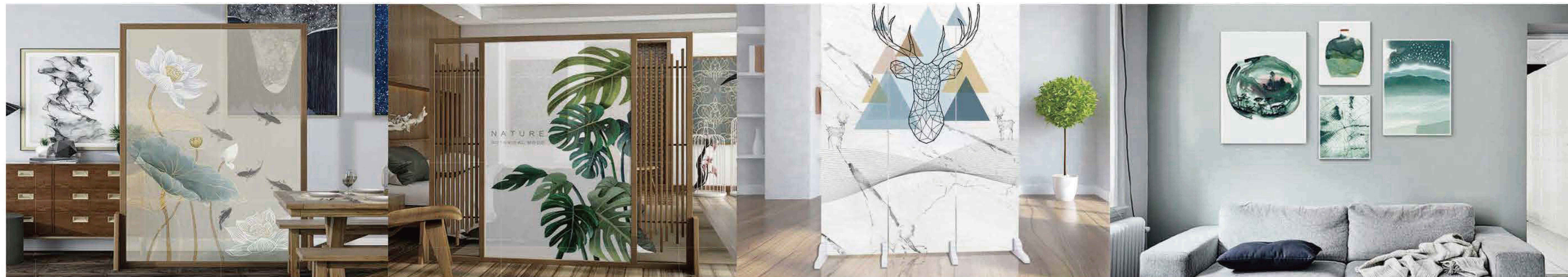
The New Variable Droplet Control Technology achieves precisely control each dot for beautifully sharp image and stunning seamless gradation that makes the printing more delicate and accurate. Because of the droplet size are from 7pl to 27pl and the maximum 1200dpi resolution help you to deliver outstanding image quality. So that, there are more detailed and smoother gradient printouts can be achieved by this technology. It means the printing quality is greatly enhanced and accelerates the printing speed too. Therefore, more and more efficient print jobs can be accomplished and satisfy even the most discerning customers, thus MT-UV1904G UV Roll to Roll Printer enhance the productivity!and continuous printing.

### 4. Double Media Tension Roller Setting

The UV LED Roll to Roll Printer MT-UV1904G equipped with adjustable Media Tension System. The media tighten rollers are setting both front and back of the printing machine which makes roll material smooth feeding and neat take up while the whole printing process!

### 5. High Precision Platform and Multi-touch Pinch Roller

We adopt High Precision Platform for our UV LED Roll to Roll Printer ensures the exquisite printing. Its intensive Multi-touch Pinch Roller structure provides balance pressure to supports the roll material move forward precisely! It also can provide more accurate media feeding for wide format and continuous printing.





## 6. Automatic Anti-collision System

UV Roll to Roll Printer MT-UV1904G integrated Anti-collision Sensor in each side of printhead carriage to prevent the printhead from unexpected damage. Those sensors automatically detect the printing plate or any force on the way going.

It prevents any possible strike to the UV printheads.

## 7. LED Lighting System

Large size LED Lighting System backlight the printed area during printing process, the printing effect and quality can be inspect immediately on MT-UV1904G!

## 8. Negative Pressure System

This Self-developed Negative Pressure System provides vacuum ink supply function that delivers high fluency ink flow, hassle-free continues printing without missing nozzle. It satisfy long time continue printing jobs!

## 9. Ink Supply System

Bulk Ink Supply System with 7.5W ink pump, just ease your mind from worrying filling ink again and again. Otherwise, Low Ink Level Detector gives warning when ink level is in minimum level. Moreover, 2 Phases of Filtration are introduced to the Ink Supply system for better ink fluency and longer printheads service life. In addition, Automatic Ink Circulation System is installed for white ink to prevent printhead clog from ink sediment and ensures consistent long-term image quality!

## 10. Motor and Media Motorized System

The UV LED Roll to Roll Printer MT-UV1904G equipped with 400W Original Fuji Servo Motor ensures accurate and stable X-axis motion movement. In addition, Dual Motorized Media Take-up and Feeding System for broad media choice, easily handle heavy-duty media.

## 11. Platform Suction Control System

There is Platform Control System equip on LED UV Roll to Roll Printer MT-UV1904G that can adjust and control the suction, ensures various roll materials remain in the best condition to pass the platform surface.



## 12. Independent Power Supply System

Under this Function, the negative pressure system can still work continuous with the Independent Powerful Battery when the LED UV Roll to Roll Printer power cut. Therefore, this function can save big volume UV ink. Industries Application of MT LED UV Roll to Roll Printer

LED UV Roll to Roll Printer can be use for various industries, such as building decoration industry, glass industry, mark and sign industry, exhibition industry, leather, art-ware industry, furniture industry etc.

And for more applications, the UV printing materials could be: all flexible materials such as ceiling, soft film, PVC, canvas, cloth, carpet, reflective film, leather, Wall Decoration, Oil Painting And Fresco, Sliding Door, Wedding Photography and all kinds sheet materials etc.




# Product Specification

Mode Type		Roll To Roll LED UV Printer MT-UV1904G
Printhead		Four Ricoh Gen5 Drop-On-Demand Micro-Piezo Printheads
Number Of Nozzles		1280 Nozzles X 4 Printhead
Color		4 Colors / Double 4 Colors / 5 Colors / 5 Colors + V
Resolution		1200dpi X 720dpi
Height Of Printhead		2-5mm
Size Of Ink Droplet		7-27pl
Max. Printing Width		1800mm
Max. Media Width		1900mm (Max.)
Real Time Tracking		None
Printing Speed	3pass	90.0sq.M Per Hour
	4pass	60.0sq.M Per Hour
	6pass	40.0sq.M Per Hour
	8pass	20.0sq.M Per Hour
	12pass	10.0sq.M Per Hour
Media Feeder		Yes
Media Take-Up		Yes
Max. Weight		70kg



Material	Application Type	Wallpaper, Soft Film, Wall Art, Sign Advertising, Paper, Poster, Promotion Products, Leather, PU, PMMA, PVC, PP, PE, PTFE, Ceiling, Home & Office Decoration, Oil Painting, Fresco, Wedding Photography, Mark And Signs, Exhibition, Flex, Banner, Knife Coated Substrate, Double Side Printing Banner, Advertising Cloth, Adhesive Vinyl, One Way Vision, Mesh, Reflective Banner, Reflective Vinyl, Etc.....
Ink	Type	LED UV Curing Ink
	Ink Tank Reservoir Capacity	6 * 2.5 Liter Bulk Continuous Ink Supply System
Auto Cleaning System		Negative Pressure System Keep Ink Flow Fluency Without Missing Nozzle
Ink Curing System		Water Cooling Dual LED UV Curing Lamps
Media Adsorption		Multi-Section Intelligent Suction System With Adjustable Strength
Interface		High Speed USB Transmission USB2.0/3.0
Power	Power Voltage	AC220-240V 50-60HZ, AC110-120V 50-60HZ (Optional)
Control Software		Print Console
RIP Software		Maintop (Photoprint, Wasstch Optional)
Operation System		MS Windows XP, Windows 7
Printing Environment		Temperature 15-35 Degrees, Humidity 30-65 Rh
Picture Type		JPG PSD TIFF
Printer Dimension		W3200 * D900 * H1350mm
Packing Dimension		W3330 * D1020 * H760mm
Net Weight		298kg
Gross Weight		448kg

# Contact Us Today

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