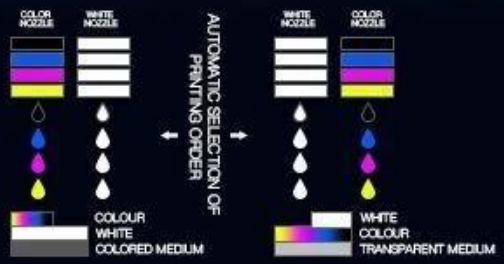
Description:

RICOH SERIES UV PRINTER LARGE FORMAT

RICOH GEN5 HEAD • ANTI COLLISION • SAFE OPERATION • INDUSTRIAL FAST SPEED



APPLICATION SCENE

Phone case

Outdoor advertising

Subway advertising

Car body sticker

Ground advertising

COLOR SCHEMES

Ricoh Gen5 Print Heads Arrangement (3~6pcs Heads Options) RH1610/ RH1610GM/ RH2513: Single Head Double Color			
Print Heads Color	Print Heads Quantity	Color Arrangement	Print Area
2color+1white	3pcs	K C M Y W W	160*100cm,250*130cm
3color+1white	4pcs	K C M Y LC LM W W	160*100cm,250*130cm
2color+1white+1varnish	4pcs	K C M Y W W V V	160*100cm,250*130cm
3color+1white+1varnish	5pcs	K C M Y LC LM W W V V	160*100cm,250*130cm
2color+2white	4pcs	K C M Y W W W W	160*100cm,250*130cm
3color+2white	5pcs	K C M Y LC LM W W W W	160*100cm,250*130cm
2color+2white+1varnish	5pcs	K C M Y W W W W V V	160*100cm,250*130cm
3color+2white+1varnish	6pcs	K C M Y LC LM W W W W V V	160*100cm,250*130cm

PRODUCT PARAMETERS

NAME	Large Format Digital UV Flatbed Printer
MODEL NO.	RH1610/RH2513
PRINT SIZE	1600*1000mm/2500*1300mm
PRINT HEAD	Ricoh Gen5
PRINT HEAD QUANTITY	3~6
PRINT COLOR	KCMYLcLmWWVV
PRINT HEIGHT	100mm
CURING SYSTEM	2 * LED UV
PRINT FORMAT	TIFF, PSD, JPG, etc
CLEANING SYSTEM	Auto Positive Pressure Printing
INTERFACE	USB2.0
OPERATION SYSTEM	Windows 7/ Windows 8/ Windows 10
POWER REQUIREMENT	50/60HZ 220V(±10%)<20A;
TEMPERATURE/HUMIDITY	68-82°F HR40-60%
RIP SOFTWARE	PhotoPrint
PRINTER WEIGHT	615kg (1356lb)/820kg (1807.79lb)
PRINTER SIZE	313cm*175cm*135cm (123"*69"*53")
PACKING WEIGHT	1400kg (3086lb)/1570kg (3461lb)
PACKING SIZE	377*196*162cm/467cm*227cm*170cm

FEATURES
Platform locating function
Suction platform segment control
Double guide,double screw
X,Y axis uses three groups of servo systems
Automatic height detector, ink carriage anti-collision
Ink carriage with Anti-static device
high sensitive printer anti-collision,safe operation
The color separation cleaning device has high washout rate and better
Environmental friendly LED-UV curing
Support CMYK, White and Varnish synchronization output
OUR ADVANTAGES
MACHINE DESIGN ADVANTAGES:
· Durable parts for industrial production.
· Emergency stop switches make it easy to stop operation from any corner of the printer.
· The inside of Printer head has heating function, printing won't be affected by temperature, and no need water cooling system to keep constant temperature.
· Jet force of Ricoh GEN5 printer head is better than Toshiba, there will be no printing affect even space between 3mm.
· Printer is equipped with electrostatic air gun, infrared radiation and anti-collision device on the carriage.
OUTSTANDING PRINTING SPEED AND QUALITY:
· Industrial fast printing speed, only 15'06" for full size printing 160*100cm.
· UV curing ink can print in varies materials directly, it can get perfect high performance in color and productivity.
MACHINE STRUCTURE FEATURES:
· Zero positioning assistant system.
· High-precision, high-thickness integrated platform.
· Equipped with vacuum table with Strong material adsorption, easy to feed materials.
· Automatic height measurement system.
· High-sensitivity collision avoidance system.
· Printer head with inner heating temperature controller.
· white ink stirring system.
· Print the color ink and white ink at the same time.
· Y axis adopts imported wire rod and guide rail.
· XY axis adopts high quality servo motor.
· Support the color ink, white ink and varnish oil synchronization output.
MACHINE STRUCTURE FEATURES:
· Ricoh GEN5 prinhead has 5-8 gray scale piezoelectric nozzles, variable ink drop printing, minimum 7pl photo level accuracy, can clearly print 2pt fonts, the maximum resolution up to 1440*1200dpi. Head carriage positi-oning using a fixed linear grating to ensure high-precision print positioning.
· It has a high degree of printing characteristics, 6 pass bidirectional 13 square meters per hour.
· The maximum print height is 100mm, suitable for printing on glass, acrylic, wood, ceramic tile, metal plate, PVC plate, plastic and other materials.
· Save ink up to 30%-50%
· This printing speed is faster than normal Epson and Toshiba printhead printer, life-time is much longer as well.
· You can set different printing pass to meet your printing result.
· Auto Height Sensor: Smartly Detect the Distance between Media and Printer Head
· UV Light Brightness Switch: Adjustable UV light Brightness to Fit Curing Needs
· Auto Positive Pressure Cleaning System

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Specification:

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UV □□ □□□	UV LED □□ □□□
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□□. □□ □□	98.43 "* 51.18"(250 * 130cm)
□□. □□ □□	10cm (3.94 ")
□□ □□	3800W.
□□ □□ □□	50 / 60Hz 220V (± 10 %)<20A
□□	20 ~ 28C HR40-60 %
□□□ □□	Ricoh Gen5 (□□ 320x4), □□□ □□□ 3 ~ 6pcs □ □ □□□□.
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□□ □□	USB2.0.
□□ □□□	1300kg
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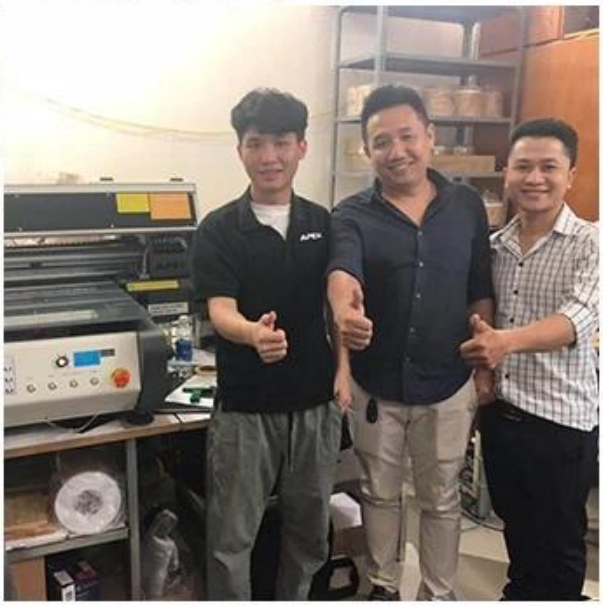
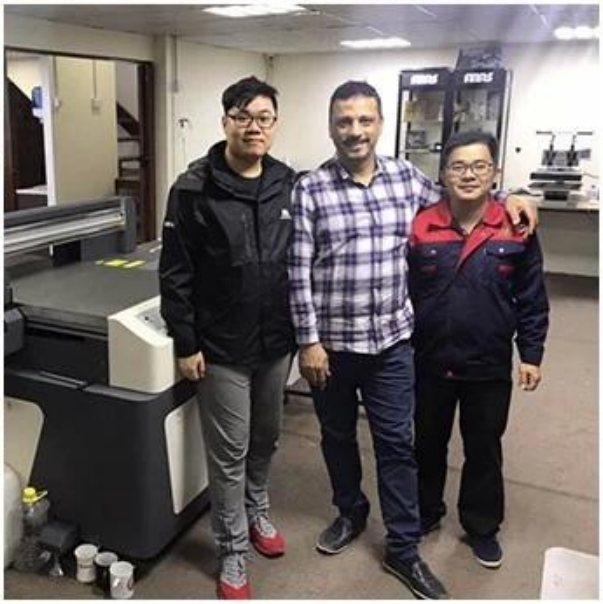
Display:

42.3

www.apex-jet.com

PROFESSIONAL R&D TEAM

OUR EXHIBITIONS

ENGINEERS ON-SITE SUPPORT