

Technical Specification



KINGT
金谷田

MODEL			KGT-LE-2513
Printhead			3-8 Ricoh Gen5 Printheads
Printing Technology			Piezoelectric inkjet,variable dot printing,grayscale technology(7-21pl)
X&YMotor			Industrial high quality servo motors x 3
Printing Resolution			Up to 720x1200dpi
Printing Direction			Uni and Bi-direction
Media	Maximum Print Size	250cm(width)x130cm(Length)	
	Table Size	260cm(width)x200cm(Length)	
	Standard Thickness	100mm	
	Weight	50kgs/m2	
Ink Type			UV LED curable inks
Ink Configuratoin			CMYK+WW(Standard), CMYKLcLm+WW, CMYK+WW+WW, CCMMYYKK, CMYK+WW+VV
Ink Cartridge Size			1500ml
Ink Supply System			Negative Pressure System (NPS) with Automatic Ink Supply
Curing System			Daul UV LED lamps,water cooling system
Image Process Software			ColorGate(Bundle Version)
File Format			Tiff,Jpeg,Postscript,EPS,PDF,DCS2.0
Interface			USB2.0
Printer Dimesions(X*Y*Z)			4350x1920x1350mm
Wooden Box Dimensions(X*Y*Z)			4530x2130x1600mm
Net Weight			1500kgs
Printing Speed (Bi-direction, Single color, Feathering:122, High speed: 1000mm/s, Middle speed: 800mm/s, Low speed: 600mm/s)			
Print head	Resolution	Pass	Printing Speed
3xRico Gen5	720x 900 dpi	6 Pass	High speed: 15 Sqm/h
			Middle speed: 13 Sqm/h
			Low speed: 10 Sqm/h
	720x1200 dpi	8 Pass	High speed: 13 Sqm/h
			Middle speed: 11 Sqm/h
			Low speed: 9 Sqm/h
	720x1800 dpi	12 Pass	High speed: 11 Sqm/h
			Middle speed: 9 Sqm/h
			Low speed: 8 Sqm/h
Operating Conditions			
Temperature			25~30℃
Relative Humidity			40-60%
Electricity Request			
Power			7000W
Power requirements			Input voltage:220-240V,single-phase,50/60Hz
Warranty			One year limited warranty(Please contact your local dealer for accurate data)



KGT-LE-2513G5

UV Flatbed Printer
Ricoch Gen5 Print Head
Hi-quality, Hi-speed, Hi-CP Value

- Gen 5 series delivers high quality direct printing on a wide range of materials such as wood, glass, metals,leathers, foam bord,stone,pvc etc. embossment effect especially.
- UV flatbed printers offers endless business possibilities for advertising, gift & premium, home decoration, packaging industries.
- Larger table and higher speed cater bigger production and greatly enhance the productivity.
- ColorGate RIP provides an excellent color management, gives brilliant colors and stunning print result.



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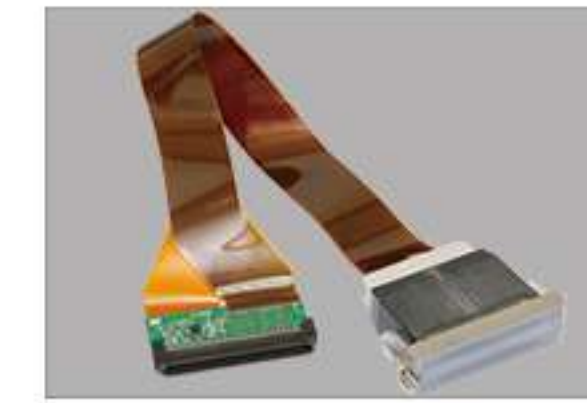
www.kingtuvprinter.com

KGT-LE-2513G5

High Print Quality UV Flatbed Printer



Features



1. Staggered Ricoh Gen5 heads based

Staggered print head for simultaneous white and color printing. Standard with 3 Ricoh Gen5 heads, up to 8 Ricoh Gen5 heads configuration, CMYK+WW+VV(optional).



2. Industrial Y Structure Tungsten Steel Frame

Constructed with industrial Y frame and structure, the machine is heavy duty and built to last.



3. Dual Anti-crash System

Mechanical anti crash device effectively stops the carriage to protect print head once it touches the media; Hydraulic stoppers avoid the damage of the head carriage once it accidentally crashes to the left or right end.



4. Industrial Servo Motors

High performance of industrial servo motors provide excellent control of the movement of the shuttle.



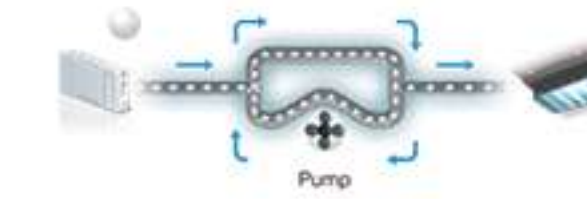
5. Cross Beam Adopts Steel Frame with Dual Guide Rails

Dual linear motion guide provides highly stable environment at high speed printing.



6. High performance lead Screw Introduced from Taiwan Works in Y-axis

Both sides of the printer are equipped with industrial driving screws which ensure high accuracy of the print position and enhance it's durability.



7. White Ink Circulation System

Keeps color particulates in motion in a bid to improve stability and dispersions of the pigments in the fluid reservoir and ink path.

White ink function

Two-layers print function

3D relief printing effect

Applications



Glass



Acrylic



Ceramic



Wood



Metal



Leather



Phone case



Plastic



Through white ink and spot color printingsystem,color is more vivid, which also provides various kinds of printing modes for special materials.



Two-layer printing of separate white and full color layers is possible at the same time



The decorative 3d printing relief effect is beautiful and of high add value.

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