

Technical Specification



KINGT
金谷田

MODEL			KGT-LE-2513(Gen6)		
Printhead			3~8 Printheads (5pl)		
Printing Technology			Piezoelectric inkjet,variable dot printing,grayscale technology		
X&Y Motor			Industrial high quality servo motors x 3		
Printing Resolution			635x900 DPI / 635x1200 DPI		
Printing Direction			Uni and Bi-direction		
Media	Maximum Print Size		2500mm(Width)x1300mm(Length)		
	Table Size		2600mm(Width)x2000mm(Length)		
	Standard Thickness		100mm		
	Weight		50kgs/m ²		
Ink Type			UV LED curable inks		
Ink Configuratoion			CMYK+WW(Standard), CMYK+LcLm+WW CMYK+WW+VV(Optional) CCMMYYKK CMYK+LcLm+WW+VV(Optional)		
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)			4550x2120x1450mm		
Wooden Box Dimensions(X*Y*Z)			4750x2330x1650mm		
Net Weight			1500kgs		
Printing Speed (Bi-direction, Single color, Feathering:122)					
Printheads	Resolution	Pass	High speed	Middle speed	Low speed
3 x Ricoh G6	635x900 dpi	4 Pass	26 Sqm/h	24 Sqm/h	22 Sqm/h
	635x1200 dpi	6 Pass	20 Sqm/h	18 Sqm/h	16 Sqm/h
	635x1200 dpi	8 Pass	17 Sqm/h	15 Sqm/h	13 Sqm/h
Operating Conditions					
Temperature			25~30℃		
Relative Humidity			40-60%		
Electricity Request					
Power			7000W(including vacuum system)		
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-2513G6

High-end UV Flatbed Printer

Ricoh Gen6 Print Head

Hi-precision,Hi-speed,Flawless design

- Equipped with the newest Ricoh Gen6 printheads, the machine provides superior print quality at high production speed. Featuring industrial-strength components, the machine is built to last and is an excellent choice for advanced users.
- UV Flatbed printers offer endless business opportunities to all sorts of industries including advertising, gift & premium, home decoration, packaging, cosmetics, etc.
- ColorGate RIP provides an excellent color management, gives brilliant colors and stunning print result.



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KGT-LE-2513G6

High-end UV Flatbed Printer

Magnetic encoder increases printing stability and accuracy.



Features



1. Staggered Ricoh Gen6 heads based

Staggered print head for simultaneous white and color printing. CMYKWV+Neon M+Neon Y(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.



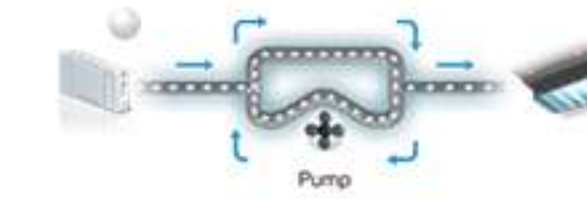
5. Cross Beam Adopts Steel Frame with Dual Guide Rails

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 its 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.



Vacuum system



Ricoh G6 print head



Negative pressure ink supply system



German ColorGATE RIP



Bi-direction printing

Applications



Glass



Acrylic



Ceramic



Wood



Metal



Leather



Phone case



Lenticular



White and Varnish color

Fluorescence color

3D Relief Printing



White color is used as an undercoat to enhance the brightness of the image of the transparent materials. Varnish color highlights a certain part of the prints and offers a feel of quality.



Fluorescence colors give extra glow in color making the print bright and shine.



Embossment printing is a three dimensional effect that emphasizes a particular area of the design. It's a value added feature that provides excellent touch to your fingertips.

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