

Technical Specification



MODEL	KGT-LE-1610	KGT-LE-2513	KGT-LE-2030		
Printhead	3-8 Ricoh Gen5 Printheads				
Printing Technology	Piezoelectric inkjet, variable dot printing, grayscale technology(7-21pl)				
X&Y Motor	Industrial high quality servo motors x 3				
Printing Resolution	Up to 720x1200dpi				
Printing Direction	Uni and Bi-direction				
Media	Maximum Print Size	160cm(width)x100cm(Length)	250cm(Width)x130cm(Length)	200cm(Width)x300cm(Length)	
	Table Size	180cm(width)x160cm(Length)	260cm(Width)x200cm(Length)	210cm(Width)x340cm(Length)	
	Max.Thickness	100mm			
	Weight	50kgs/m2			
Ink Type	UV LED curable inks				
Ink Configuration	CMYK+WW(Standard), CMYK+WW+V, CMYK+WW+VW, CMYK+WW+VV	CMYK+WW(Standard), CMYK+WW+V, CMYK+WW+VW, CCMYYK, CMYK+WW+VV	CMYK+WW(Standard), CMYK+WW+V, CMYK+WW+VW, CCMYYK, CMYK+WW+VV		
Ink Cartridge Size	1500ml				
Ink Supply System	Negative Pressure System (NPS) with Automatic Ink Supply				
Curing System	Dual 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 Dimensions(X*Y*Z)	3310x1617x1316mm	4350x1920x1350mm	3830x3930x1320mm		
Wooden Box Dimensions(X*Y*Z)	3530x1830x1600mm	4530x2130x1600mm	2300x4080x1200mm(for body) 4000x680x615mm(for cross beam)		
Net Weight	700kgs	1500kgs	1800kgs		
Printing Speed (Bi-direction, Single color, Feathering:122, High speed: 1000mm/s, Middle speed: 800mm/s, Low speed: 600mm/s)					
3xRicoch Gen5	720x 900 dpi	6 Pass	High speed: 12 Sqm/h	High speed: 15 Sqm/h	High speed: 14 Sqm/h
			Middle speed: 11 Sqm/h	Middle speed: 13 Sqm/h	Middle speed: 12 Sqm/h
			Low speed: 9 Sqm/h	Low speed: 10 Sqm/h	Low speed: 10 Sqm/h
	720x1200 dpi	8 Pass	High speed: 10 Sqm/h	High speed: 13 Sqm/h	High speed: 12 Sqm/h
			Middle speed: 8 Sqm/h	Middle speed: 11 Sqm/h	Middle speed: 10 Sqm/h
			Low speed: 6 Sqm/h	Low speed: 9 Sqm/h	Low speed: 7 Sqm/h
	720x1800 dpi	12 Pass	High speed: 7 Sqm/h	High speed: 11 Sqm/h	High speed: 8 Sqm/h
			Middle speed: 6 Sqm/h	Middle speed: 9 Sqm/h	Middle speed: 6 Sqm/h
			Low speed: 5 Sqm/h	Low speed: 8 Sqm/h	Low speed: 5 Sqm/h
	Operating Conditions				
	Temperature	25-30°C			
	Relative Humidity	40-60%			
Electricity Request					
Power	5000W	7000W	7000W		
Power requirements	Input voltage:220-240V, single-phase, 50/60Hz				
Warranty	One year limited warranty(Please contact your local dealer for accurate data)				



Ricoh Gen5 Series

UV flatbed printer
KGT-LE-2513&2030&1610
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 board, 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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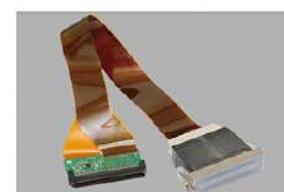
www.kingtuvprinter.com

Gen5 Series

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+V(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.



Vacuum system



Ricoh G5 print head



Negative pressure ink supply system



German ColorGATE RIP



Bi-direction printing

Applications



White ink function Two-layers print function 3D relief printing effect



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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