

KGT-LE-2533

Technical specification



MODEL		KGT-LE-2533			
Printhead		5~8 Printheads			
Printing Technology		Piezoelectric inkjet,variable dot printing,grayscale technology			
X&Y Motor		Industrial high quality servo motors x 3			
Printing Resolution		720x900 DPI / 720x1200 DPI			
Printing Direction		Uni and Bi-direction			
Media	Maximum Print Size	2500mm(Width)x3300mm(Length)			
	Table Size	2600mm(Width)x3400mm(Length)			
	Max.Thickness	100-150mm			
	Weight	50kgs/m ²			
Ink Type		UV LED curable inks			
Ink Configuratoin		CMYK+WW(Standard), CMYKLcLm+WW CMYK+WW+WW CCMMYYKK			
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			
Beam Dimesions(X*Y*Z)		4500x750x650mm			
Wooden Box Dimensions(X*Y*Z)		4300x2700x1200mm			
Net Weight		1900kgs			
Printing Speed (Bi-direction, Single color, Feathering:122)					
Printheads	Resolution	Pass	High speed	Middle speed	Low speed
4 Ricoh Printheads	720x900 dpi	6 Pass	15 Sqm/h	13 Sqm/h	10 Sqm/h
	720x1200 dpi	8 Pass	13 Sqm/h	11 Sqm/h	9 Sqm/h
		12 Pass	11 Sqm/h	9 Sqm/h	8 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)			



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Ricoh Gen5 Series

UV flatbed printer

KGT-LE2533

Hi-quality, Hi-speed, Hi-CP Value

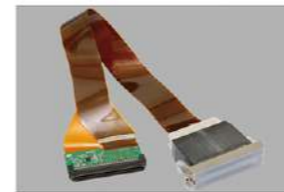
- Gen 5 series delivers high quality direct printing on a wide range of materials such as wood, glass, metals,leathers, foam bord,stone,pvc etc. embossment effect especially.
- UV flatbed printers offers endless business possibilities for advertising, gift & premium, home decoration, packaging industries.
- 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.

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+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.



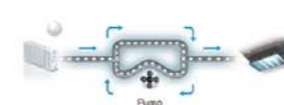
5.Cross Beam Adopts Steel Frame with Dual Guide Rails

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.



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.

All trademarks or registered trademarks are property of their respective owners. Specifications are subject to change without notice. Inkjet printers print using extremely fine dots, thus colors may vary slightly following replacement of the printing heads. Also note that using multiple printer units, colors may vary slightly among the units due to slight individual differences among the unit.