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&YMotor	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)
Media — Table Size	160cm(width)x160cm(Length)	260cm(Width)x200cm(Length)	210cm(Width)x340cm(Length)
Media — Max.Thickness	100mm		
Media — Weight	50kgs/m2		
Ink Type	UV LED curable inks		
Ink Configuratoin	CMYK+WW(Standard), CMYKLcLm+WW, CMYK+WW+WW, CMYK+WW+VV	CMYK+WW(Standard), CMYKLcLm+WW, CMYK+WW+WW, CCMMYYKK, CMYK+WW+VV	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)	3310x1617x1316mm	43500x1920x1350mm	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)

Print head	Resolution	Pass	Printing Speed		
3xRicoh 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℃
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)		

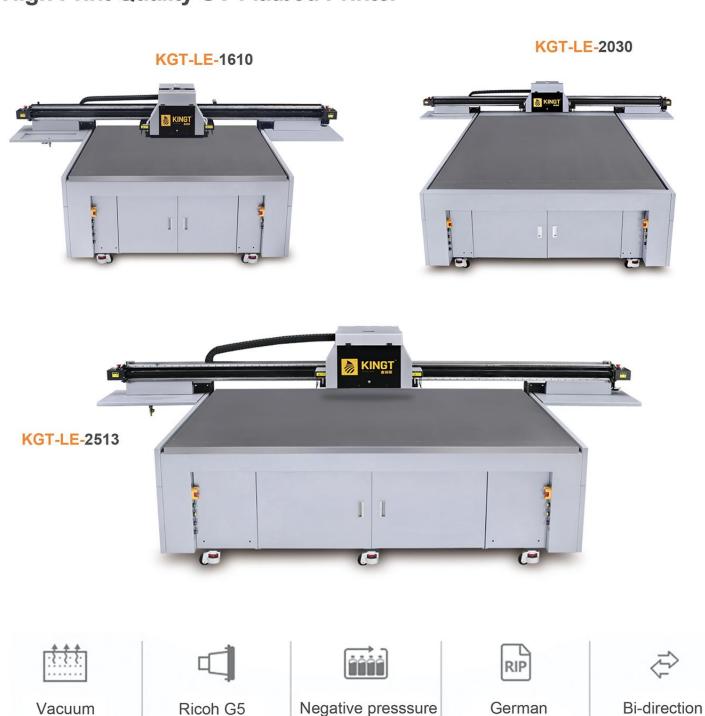KINGT™ 金谷田   CE   ECO friendly   RICOH Powered by RICOH

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 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

KGT-LE-1610

KGT-LE-2030

KGT-LE-2513

- Vacuum system
- Ricoh G5 print head
- Negative presssure ink supply system
- German ColorGATE RIP
- Bi-direction printing

Applications

Glass   Acrylic   Ceramic   Wood   Metal   Leather   Phone case   Plastic

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 accidently crashes to the left or right end.

4. Industrial Servo Motors
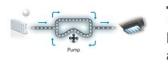High performance of industrial servo motors provide excellent control of the movement of the shuttle.

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**

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 effact is beautiful and of high add value.