Technical Specification

MODEL	KGT-LE-2513(Gen5S)			
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)x1300mm(Length)		
	Table Size	2600mm(Width)x2000mm(Length)		
	Max.Thickness	100mm		
	Weight	50kgs/m²		
Ink Type	UV LED curable inks			
Ink Configuratoin	CMYK+WW+VV+SMSY(Standard), CMYKLcLm+WW+SMSY CMYKLcLm+WW+SMSY+VV 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)

Printheads	Resolution	Pass	High speed	Middle speed	Low speed
4 Ricoh Printheads	720x900 dpi 720x1200 dpi	6 Pass	15 Sqm/h	13 Sqm/h	10 Sqm/h
		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

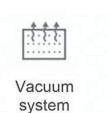| Power	7000W(including vacuum system)
Power requirements	Input voltage:220-240V,single-phase,50/60Hz
Warranty	One year limited warranty(Please contact your local dealer for accurate data)

Partner for Baltic countries: JSC „Biznio mašinų kompanija"
J. Rutkausko str. 6, LT-05132 Vilnius, Lithuania   www.bmk.lt
Phone: +370 5 212 55 59, fax: +370 5 212 77 47, e-mail: info@bmk.lt

Ricoh Gen5S Series

High-end UV flatbed printer
KGT-LE-2513(Gen5S)
Hi-precision,Hi-speed,Humanized design

- The Gen5S print heads are very robust (steel housing) and were developed for advanced high-resolution printing with excellent close-up detail. The small *2.5 pl* native drop size of the print head allows Kingt to offer customers even finer visual graphics, improved flesh tones and subtle pastel shades.

- Fluorescent UV ink printing products have a glowing effect. It brings more business opportunities for sign boards, advertising, arts, crafts, toy and packing industries etc....

- ColorGate RIP provides an excellent color management, gives brilliant colors and stunning print result.

Gen5S Series
High-end UV Flatbed Printer

Features

1.Staggered Ricoh Gen5S 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 accidently crashes to the left or right end.

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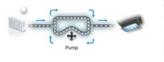High performance of industrial servo motors provide excellent control of the movement of the shuttle.

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	Fluorescence effect	3D relief printing effect

Vacuum system | Ricoh G5S print head | Negative presssure ink supply system | German ColorGATE RIP | Bi-direction printing

Applications

Glass | Acrylic | Ceramic | Wood | Metal | Leather | Phone case | Plastic

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

Fluorescence effect product look more shing and attached, brings more business opport-unities.New look, New fashion.

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