

KGT-LE-4550

Technical specification



MODEL		KGT-LE-4550
Printhead		3-4 Ricoh Gen4 industrial printhead
Printing Technology		Piezoelectric inkjet,variable dot printing,grayscale technology(7pl)
X&YMotor		High Quality Servo Motors
Printing Resolution		720x900 DPI / 720x1200 DPI
Printing Direction		Uni and Bi-direction
Media	Maximum Print Size	450mm (Width) x 500mm (Length)
	Table Size	460mm (Width) x 890mm (Length)
	Weight	15kgs
Ink Type		UV LED Curable Inks
Ink Configuration		CMYK+WW+Varnish(Standard)
Ink Capacity		500mL /Bottle
Ink Supply System		Negative Pressure System (NPS) with Automatic Ink Supply
Curing Sysem		Daul UV LED lamps,water cooling system
Image Process Software		ColorGATE(Bundle Version)
File Format		Tiff,Jpeg,Posts cript,EPS,PDF,DCS2.0
Interface		USB 2.0
Printer Dimensions(X*Y*Z)		1292*890*652mm
Wooden Box Dimensions(X*Y*Z)		1420*1020*855mm
Net Weight		135kgs
PRINTER SPEED		
Resolution	720x900DPI	720x1200DPI
Pass	6 Pass	16 Pass
Direction	Bi-Direction	Bi-Direction
Speed	1.5 Sqm/h	0.7 Sqm/h
Operation Conditions		
Temperature	20~30°C	
Relative Humidity	40-60%	
Electricity Request		
Power	2050W	
Power requirements	Input voltage:220-240V, single-phase,50/60Hz	
Warranty	One year limited warranty(Please contact your local dealer for accurate data)	



Ricoh Gen4 Series UV LED Curing Flatbed Printer KGT-LE-4550 Hi-Resolution, Hi-Cost Effective

- Ricoh Printhead 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.
- Flatbed 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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GEN4 Series

High Print Quality UV Flatbed Printer



Vacuum system



Ricoh GEN4 print head



Negative pressure ink supply system



German ColorGATE RIP



Uni or Bi direction printing

Applications



Features



1.Ricoh Gen4 Printhead

Industrial Gen4 printheads with minimum output 7pl variable dot grayscale and 1200 dpi with 30 kHz jetting frequency. It enables high-speed printing while easy to assemble and calibrate.



2.Negative Pressure System

Pressure system for ink supply with digital control greater pressure display gauges to increase printing speed and stability.



3.Industrial Servo Motor

A high performance of industrial servo motor provides excellent control of the movment of the shuttle.



4.Industrial Y Structure Frame

Constructed with industrial Y frame and structure, the machine is heavy duty and built to last.



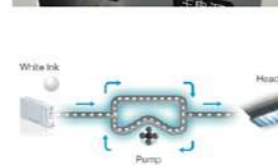
5.ColorGATE RIP

It supports vary kinds of file formats such as TIF/JPEG/EPS/AI/PS/PDF/DCS2.0.Because of its high performance of color management and ICC profile, there are several advantages by using ColorGATE RIP: 30% ink cost rduction/high print quality/ink dry in less time/High RIP Speed.....



6.Low Ink Volume Reminding System

When the ink volume is low, the alarm will light up and beep.



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—direct white ink printing and spot color



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

The application of white ink recovers the original color on any dark materials and transparent materials. To print on transparent materials, pre-treatment is applied by the using of a kind of white ink that can recover original color.



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.