

Technical Specification

Model	Santini-LE1610	Santini-LE2513	Santini-LE2030		
Print head	3-8 Ricoh Gen5				
Print Technology	Piezoelectric inkjet, variable dot printing, grayscale technology(7-21p)				
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	180cm(Width)x100cm(Length)	250cm(Width)x130cm(Length)	200cm(Width)x300cm(Length)	
	Table Size	170cm(Width)x160cm(Length)	260cm(Width)x200cm(Length)	210cm(Width)x340cm(Length)	
	Max Thickness	100mm			
	Weight	50kg/m ²			
Ink Type	UV LED curable inks				
Ink Configuration	CMYK+WW(Standard), CMYK+L+M+WW, CMYK+WW+WW	CMYK+WW(Standard), CMYK+L+M+WW, CMYK+WW+WW, CCMYYK	CMYK+WW(Standard), CMYK+L+M+WW, CMYK+WW+WW, CCMYYK		
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 Dimension (X*Y*Z)	3310x1917x1316mm	4350x1920x1350mm	3830x3930x1320mm		
Wooden Box Dimension (X*Y*Z)	3530x1930x1600mm	4530x2130x1600mm	2300x4880x1200mm (for body) 4000x880x15mm (for cross beam)		
Net Weight	700kgs	1500kgs	1800kgs		
Printing Speed (Bi-direction, Single color, Feathering 122, High speed 1000mm/s, Middle speed 500mm/s, Low speed 500mm/s)					
3 x Ricoh Gen5	720x600dpi	0 pass	High speed: 8 mins/ full table	High speed: 12mins/ full table	High speed: 28mins/ full table
			Middle speed: 9 mins/ full table	Middle speed: 16mins/ full table	Middle speed: 30mins/ full table
			Low speed: 11mins/ full table	Low speed: 18mins/ full table	Low speed: 35mins/ full table
	720x1200dpi	8 pass	High speed: 10 mins/ full table	High speed: 15mins/ full table	High speed: 30mins/ full table
			Middle speed: 12mins/ full table	Middle speed: 18mins/ full table	Middle speed: 36mins/ full table
			Low speed: 15mins/ full table	Low speed: 22mins/ full table	Low speed: 50mins/ full table
	720x1200dpi	12 pass	High speed: 14mins/ full table	High speed: 18mins/ full table	High speed: 45mins/ full table
			Middle speed: 17mins/ full table	Middle speed: 21mins/ full table	Middle speed: 55mins/ full table
			Low speed: 21mins/ full table	Low speed: 25mins/ full table	Low speed: 71mins/ full table
	Operating Conditions				
	Temperature	25°C			
	Relative Humidity	55%			
Electricity Request					
Power	5000Watts	7000Watts	7000Watts		
Power Requirement	Input voltage: 220-240V, single-phase, 50/60Hz				
Warranty	One year limited warranty(Please contact your local dealer for accurate data)				
Optional Features					
Roller			✓		
Ball platform			✓		

Santini



Ricoh Gen5 Series

UV flatbed printer

Santini-LE2513/2030/1610

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.

Modern systems
الشركة الحديثة للنظف و تجارة الكمبيوتر

Authorized Distributor

Sweifeh - Fountain Plaza Entrance 1,4th Floor
Tel: + 962 6 582 9 404 - Fax: + 962 6 582 9 405
P.O.Box 19288 Amman 11196 Jordan
Email : info@modernsystemsco.com
www.modernsystemsco.com

Gen5 Series

High Print Quality UV Flatbed Printer



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

Applications



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.
- 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 its 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 printing system, 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.