

DIPLO S

SPECIFICATION		
Print head	Ricoh Gen5S (2.5pl) / Gen6 (5pl)	
Ink	GUV Series Ink / HUV Series Ink	
Media type	Tiles, acrylic, wood, aluminum, glass, metal ...etc.	
Speed	Print head	4
	Configuration	6C + W + V
	High speed 4Pass	19 m ²
	Production 6Pass	12 m ²
	High quality 8Pass	9 m ²
Printing resolution	720x900 dpi / 720x1200 dpi	
Colors	Cyan / Magenta / Yellow / Black / Light cyan / Light magenta / White / Varnish	
Weight	Net. weight 500KG (1102.3lbs) / Gross weight 750KG (1653.4lbs)	
Machine Dimensions	L 2990 / W 2010 / H 1320 (mm)	
Printing area size	1200 x 1200 mm	
Media thickness	Max 100 mm	
Curing system	LED-UV lamp	
Power requirement	Single phase 220V ±10% (50Hz,28A)	
Software(Optional)	CALDERA / ONYX	
Working Environment	Temperature	20°C~30°C (Recommend)
	Humidity	35%~65% (Recommend)
Connection interface	USB 3.0 High speed connection	



UNLEASH YOUR IMAGINATION

DIPLO S

FLATBED LED-UV PRINTER

New generation high precision flatbed printer
The best solution to materialize your creativity



- ▶ Highest detailed printing quality
- ▶ LDP LED-UV patented ink
- ▶ Intuitive operation interface and control system
- ▶ Economical printing solution



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DIPLO S

Applications capability beyond the limits.

LDP Diplo S - LED-UV flatbed inkjet printer, with a maximum printable thickness of 10cm, equipped with LDP original LED-UV ink, six colors + white to make colors brighter and eyes-catching! The excellent substrate adhesion, weather resistance, and scratch resistance offer the possibility to print on a wide range of materials used for applications such as packaging, interior decoration, and customized products (wood, metal, wood, acrylic, leather...). LED-UV curing system is environment friendly and also economic with low power, no warm-up time and long life-span. You lower your cost and optimize your investment.

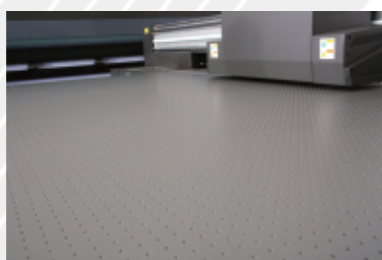
▶ Stable driving device

Double linear guide and strengthened carriage beam to ensure smooth movement. The IGUS drag chain secures smooth printing movement, accurate ink drop point, and error calibration limited to 0.02-0.05mm.



▶ Multi-section suction platform

High-power partitioned suction control platform to independently control the desired suction area. Your various sizes materials are perfectly stationed. With the on board scale offers accurate positioning and printing alignment.



▶ Anti-static function

Diplo S is equipped with an anti-static device to solve ink flying issue generated by electrical static during the printing process. Your prints are sharp and precise.



▶ Simple operation and maintenance

Intuitive computer interface and control system to quickly set multiple printing modes, color adjustment, nozzle cleaning, etc. Easier to operate, faster to clean and maintain. Greatly improve production efficiency by saving labor cost and avoiding time consuming tasks.



▶ Curved and smart design

Unique design on the back of the machine, allowing operator to move closer to the workbench.

▶ 2.5pl sharp drop

New industrial piezoelectric print head with a minimum ink drop of 2.5pl. Accurately print image with fine details, and realistic skin texture. With LDP original GUV/HUV ink, offer vivid colors and great saturation. In addition to that, no lamination is required since our ink offers long outdoor durability and strong scratch resistance.

▶ Materialize creative printouts

Various white ink print modes: provide brighter color effects for dark and transparent materials.

High-adhesion ink : No more material restriction. Imagine and print !
Design application case : LDP Creative Center provides a variety of design applications such as interior decoration, furniture, clothing design packages, 2.5D imitation materials, creative advertising, etc.! Welcome to visit us and make enquiry.