

# DIPLO E

SPECIFICATION			
Print head	Ricoh Gen6		
Drop size	5pl		
Ink	GUV Series Ink / HUV Series Ink		
Media type	Tiles, acrylic, wood, aluminum, glass, metal ...etc.		
Speed	Print head	7	14
	Configuration	4C x 3Row + W	4C x 6Row + W
	High speed 6Pass	65 m <sup>2</sup>	130 m <sup>2</sup>
	Production 7Pass	55 m <sup>2</sup>	110 m <sup>2</sup>
	Sandwich 6Pass	20 m <sup>2</sup>	40 m <sup>2</sup>
Hi-Density 10Pass	42 m <sup>2</sup>	84 m <sup>2</sup>	
Printing resolution	720x900 dpi / 720x1200 dpi		
Colors	Cyan / Magenta / Yellow / Black / Light cyan / Light magenta / White / Varnish		
Weight	Net. weight 1500KG ( 3307lbs ) / Gross weight 2000KG ( 4409lbs )		
Machine Dimensions	L 4640 / W 2700 / H 1530 (mm)		
Packing Dimensions	L 4940 / W 2250 / H 2000 (mm)		
Printing area size	2500 x 1300 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 E

## FLATBED LED-UV PRINTER

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



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

EOTRIG

# Applications capability beyond the limits.

LDP Diplo E - 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 eye-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...). Using LED-UV curing system makes the solution environment friendly (no mercury, no ozone emissions) but also economical with low power consumption, no warm-up time and long span life. You lower your cost and optimize your investment.

## ▶ Stable driving device

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



## ▶ 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.

## ▶ 5pl sharp drop

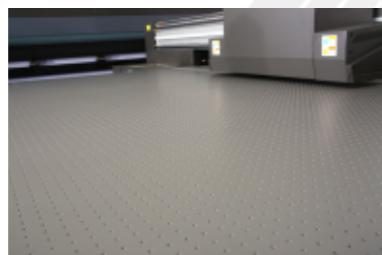
New industrial piezoelectric print head with a minimum ink drop of 5pl. Accurately print image with fine details, and realistic skin texture. With LDP original GUV/HUV ink, offer vivid colors and great saturation. In addition to that, no lamination is required since our ink offers long outdoor durability 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 and enquire.

## ▶ Multi-section suction platform

High-power partitioned control suction 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 E is equipped with an anti-static device to solve flying ink issue generated by static electricity during the printing process. Your prints are sharp and precise.

