

GD-6090UV Plus

Intelligent Visual Positioning UV Flatbed Printer

Precision Printing for Irregular Objects

Print directly on irregular and small objects with intelligent visual positioning.
No fixtures. No templates.
Just precise alignment, every time.

Why Choose Visual Positioning?

Traditional printing relies on fixtures and manual alignment.
Smart visual positioning simplifies setup while ensuring accuracy on irregular objects.



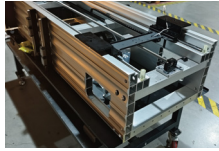
Grando UV Ink



* 4 × I3200 Print Heads Speed

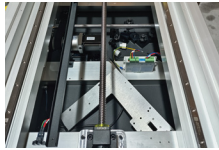
Prints a 60 × 90 cm sheet in 2.8 minutes (720 × 900 dpi)

Precision Motion & Intelligent Vision System



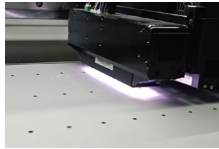
Rigid Aluminum Frame

Enhances structural stability and reduces vibration.



High-Precision Lead Screw Drive

Ensures stable motion control and accurate positioning



High-Resolution Camera for Precise Recognition & Modeling

Free placement and accurate printing across the entire printing area.

Visual Positioning Workflow

- Step1

Free Placement

Random placement of objects without fixtures
- Step2

Smart Detection

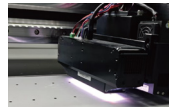
CCD camera automatically detects outlines
- Step3

Accurate Alignment

Automatic pattern matching & positioning
- Step4

One-click Printing

High-precision printing with minimal human error



Specifications

Model	GD-6090UV Plus	
Print Head	4*Epson I1600	4*Epson I3200
Printing Technology	Piezoelectric Inkjet	
Printing Width	600*900(mm)	
Acceptable Media	Width	≤600(mm)
	Thickness	≤180(mm)
Ink Cartridges	Capacity	Color Siphon + Regular Mixing of White Ink
	Color	C/M/Y/K/Fy/Fm/W/V/Vm
	Capacity	0.5L
Printing Resolution	720*1800/720*2400	
Speed	Prints a 60 x 90 cm sheet in 4 minutes	Prints a 60 x 90 cm sheet in 2.8 minutes
RIP Software	Photoprint / Neostampa / Onyx	
Ink Curing Method	Dual UV LED Lights	
Power	1500W	
Interface	Gigabit Ethernet	
Power Supply	AC220V±10% 50/60Hz±1	
Dimensions(with stand)	61.88(W) x 57.48(D) x 38.97(H) in.	
	1577(W) x 1460(D) x 990(H) mm	
Weight(with stand)	661 lb. (300 kg)	
Environment	Power on	Temperature: 59 F to 90 F [15 C to 32 C] / Humidity: 35 to 80% (No Condensation)
	Power off	Temperature: 41 F to 104 F [5 C to 40 C] / Humidity: 20 to 80% (No Condensation)

Designed for Irregular Objects & High-Precision Applications

Wide applications: suitable for surface decoration of various materials such as plastic, glass, wood, metal, leather, ceramics, etc

