

# GD5000A UV High-speed multi-layer texture painting printer



2mm texture effect : 4 m<sup>2</sup>/h

## White Color Multi-layer 3D Printing Technology for Texture Painting

2nd Layer

Color ink

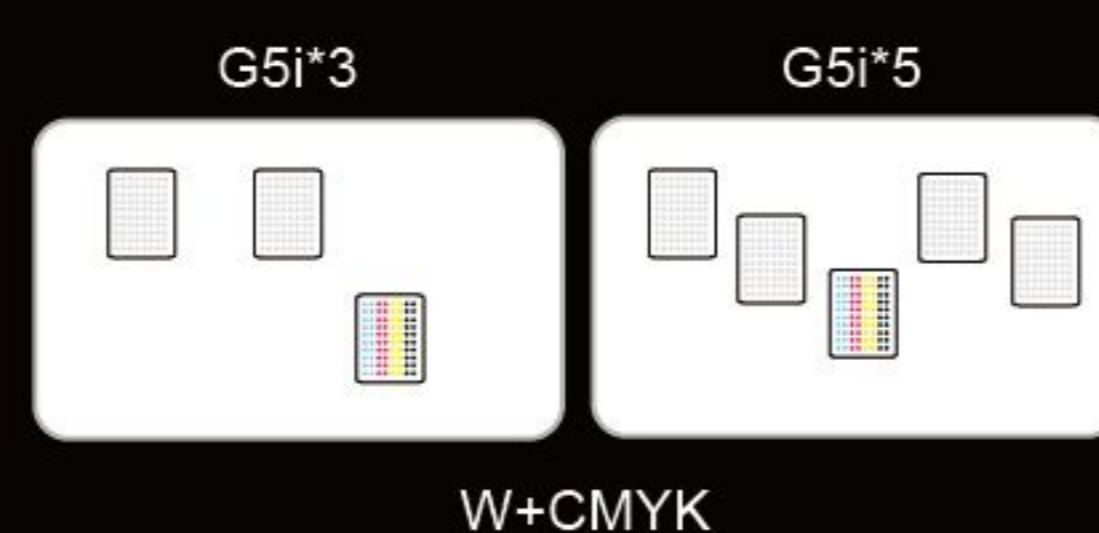
1st Layer

3D white ink



The unique white + color ink facilitates the effect of multi-layer 3D texture painting. With prominent visual effect, it is recommended for oil painting reproduction of various surface textures.

Ricoh industrial print heads with 2-row/3-head and 3-row/5-head staggered array make it possible to achieve multi-layer 3D texture results. New products can be developed and profit can be greatly improved. With a machine that can print different texture and thickness at various speed/ mode, you can meet the requirements of different customers.



- High efficiency UV-LED Technology;
- International standard UV ink, replacing eco solvent ink, environment-friendly and odorless;
- Industrial structure design, simple operation, stable output;
- Compact body, high productivity. Saving working space/labour/office cost;
- Caldera, Onyx RIP optional for color management;

## 5 industrial print heads

- Equipped with 5 industrial grade Ricoh G5i heads with stagger array
  - Ricoh nozzle G5i adopts gray-scale piezoelectric nozzle and variable ink drop to achieve 3pi printing and photo level accuracy;
  - Ricoh G5i nozzle itself is made of all steel nozzle, which is not easy to be corroded and clogged;



More stable feeding system with 3-foot pinch rollers



Air-cooling UV lamp



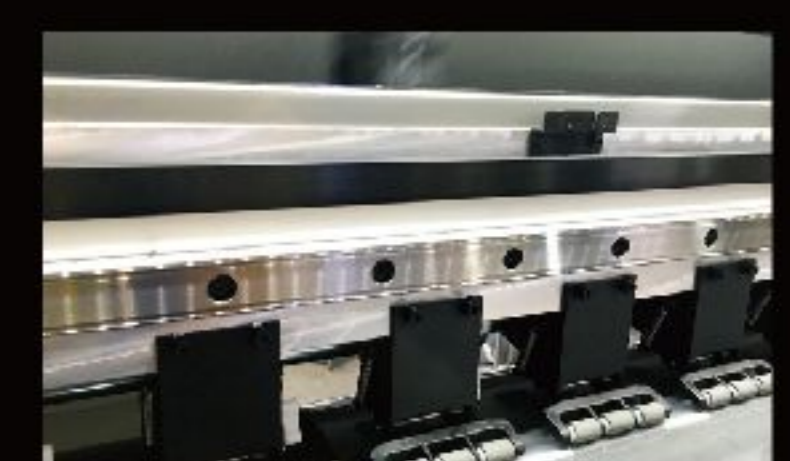
Regular take-up, stable media feeding and take-up



Easy-operating touch screen



Anti-static device equipped to fight against static and ensure accurate ink droplets positioning



THK high-precision mute rail



Popular for: multi-layer 3D texture painting, front-lit, back-lit, transparent film, see-through, car sticker, etc

## SPECIFICATIONS

<b>Model</b>	<b>GD5000A UV</b>	
<b>Print Head</b>	Five GEN5i Print Heads	
<b>Printing Technology</b>	Piezoelectric Inkjet	
<b>Ink Droplet</b>	3pl	
<b>Printing Width</b>	210-1750 mm	
<b>Acceptable Media</b>	Width	210-1800 mm
	Thickness	≤ 1mm
	Weight	132 lb.(60 kg)
	Diameter	76.2 mm (3in) or 50.8 mm (2in)
<b>Ink drying</b>	UV curing, air cooling, led UV, etc	
<b>Ink Cartridges</b>	Type	LED UV
	Capacity	1.5L bulk ink tank (white ink with stirring at intervals)
	Color	W+CMYK
<b>Printing Resolution</b>	300 dpi / 600 dpi / 900 dpi / 1200 dpi	
<b>Interface</b>	Ethernet (Gigabit)	
<b>Power Supply</b>	AC 220V ± 5%, 16A, 50HZ ±1	
<b>Power Consumption</b>	2500W	
<b>RIP</b>	PrintFactory	
<b>Weight</b>	380kg	
<b>Dimensions</b>	3350 (W) x750 (D) x1360(H) mm	
<b>Environment</b>	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)
<b>Accessories</b>	Stand, Media Loading & Take-up, Air Drying System, Bulk Ink Supply System	

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