

# OR-6800UV (RicohG5x8)

3D texture relief painting printer



1mm texture effect ( RicohG5x8 ) : 6 m<sup>2</sup>/h, free switching between matte oil and hot golden oil

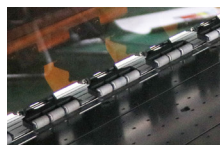


## 8xG5 industrial grade heads. printing multi-layer three-dimensional texture effect

Equipped with 5–8 industrial grade Ricoh G5 heads, staggered configuration, reasonable layout, to achieve high-speed production and improve profit margins, it is your weapon for increasing production speed! The unique "white+color+glossy oil+matte oil" printing mode achieves multi-layer three-dimensional texture printing effect, with more prominent visual effects, suitable for surface texture three-dimensional printing of various oil paintings and other crafts.



1.5L large capacity ink supply system



The three-stage pressure wheel structure brings more stable feeding accuracy;



High quality DC servo motor: good stability and long service life;



Backlight LED light

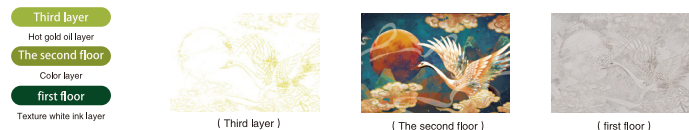


Adopting THK high-precision guide rail



Automatic winding device

## 3D Printing texture hot stamping process



Texture relief painting hot stamping process is applied to the three-dimensional texture effect of the image to enhance the decorative effect and texture. The texture relief painting after hot stamping will have a significant improvement in both tactile and visual effects on the hot stamping area, presenting a strong metallic luster and bright and eye-catching colors in the graphics and text. This technique is widely used in various fields such as decorative paintings, packaging, book covers, etc., which can increase the decorative and grade of products.

- Equipped with 5–8 industrial grade Ricoh G5 heads, staggered configuration;
- Equipped with "Four Whites, Two Colors, One Light Oil – Matte Oil" for high-speed printing, the production capacity is doubled, achieving increased efficiency in various industries' products;
- Ricoh G5 uses a grayscale piezoelectric head with variable ink droplets to achieve 7–35PI printing without clogging;
- High precision printing: capable of printing fine and clear patterns, including complex details and textures;
- Rich texture expression: able to print multiple texture effects, making the product more realistic and vivid;
- High added value: Increasing the added value of products and enhancing market competitiveness.



The 3D texture relief solution is widely used in multiple fields, including but not limited to exhibition halls, advertising cultural background walls, decorative paintings, art replication, etc. Exhibition Hall, Advertising production, Decoration production, Artwork replication. Relief texture paintings, stainless steel ornaments, semi transparent roller blinds, screens, wall cloth paintings, gift box packaging, leather, cultural walls, etc.

| OR-6800UV        |                | TECHNICAL PARAMETER                                                                           |
|------------------|----------------|-----------------------------------------------------------------------------------------------|
| Model            |                | OR-6800 UV                                                                                    |
| Print head       |                | 5-8 x G5                                                                                      |
| Colour           |                | 4W+CMYK+V1+V2                                                                                 |
| Printing speed   | High speed-1mm | 6 sqm/h                                                                                       |
|                  | Quality-1mm    | 4 sqm/h                                                                                       |
|                  | Accuracy-1mm   | 2 sqm/h                                                                                       |
| Print mode       |                | Piezoelectric inkjet printing                                                                 |
| Medium           | Width          | 1820 mm                                                                                       |
|                  | Thickness      | 1 mm                                                                                          |
|                  | Weight         | 60 kg                                                                                         |
| Print width      |                | 1800 mm                                                                                       |
| Ink box          | Type           | UV ink                                                                                        |
|                  | Capacity       | Continuous supply system (1.5L ink tank)                                                      |
| Curing unit      |                | UV cured water-cooled UV LED lamp                                                             |
| Accuracy         |                | 1200 dpi                                                                                      |
| Voltage          |                | AC 220V $\pm$ 10%, 50/60 HZ, 4500W                                                            |
| Software         |                | Rinprint UV                                                                                   |
| Machine size     |                | 3286 x 800 x 1400 mm                                                                          |
| Machine weight   |                | 700 kg                                                                                        |
| Packaging size   |                | 3370 x 1000 x 1540 mm                                                                         |
| Packaging weight |                | 800 kg                                                                                        |
| Environment      | Power on mode  | Temperature: 15°C – 32°C / Humidity: 35 – 80% (No condensation)                               |
|                  | Close mode     | Temperature: 5°C – 40°C / Humidity: 20 – 80% (No condensation)                                |
| Accessories      |                | Data cable, paper press, user manual, waste ink cartridges, ink cartridges, RIP software, etc |

