

OR-3200Pro UV (RicohG5x9)

3D texture relief wall cloth printer



1mm Texture effect: 7 sqm/h, freely switch between matte oil and hot golden oil

Support wall covering and printing hot stamping with different specifications of materials in a 3.2-meter format



4W+CMYK+LcLm+V1+V2



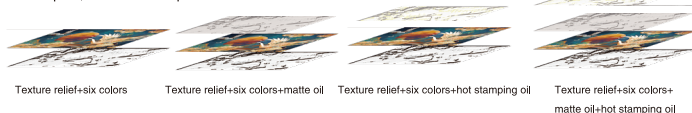
3D Printing texture hot stamping process



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.

Multi layer printing layering technology for one-time molding of multiple texture schemes

The combination of white ink texture, UV full-color, matte oil, and hot stamping oil can achieve a 3D texture relief cultural and artistic product hot stamping effect, all of which can be printed and formed in one go through OR-3200Pro. Meet the application needs of more customers for texture relief solutions, reflect new printing techniques, and enhance product added value.



Using UV printing technology, UV ink is sprayed onto the substrate through a head, and then the ink is instantly cured using ultraviolet light. During the printing process, uneven relief effects can be created by controlling the thickness of specific white ink. Colorful ink is overlaid on top of white ink, presenting a rich color and three-dimensional image.

- Support printing with different precision and thickness
- Suitable for multiple materials
- Personalized customization
- Colorful and long-lasting
- Widely applicable in various fields

Configuration parameter



Equipped with nine industrial grade Ricoh G5 print heads, advanced board control technology, and 7-35pl variable ink droplets, the industrial grade design ensures the durability of the print heads. Intelligent inkjet printing technology and variable ink droplets ensure high-quality printing output and greatly improve printing speed, meeting users' requirements for printing quality and speed.

-The 3.2m width supports white ink texture, color, matte oil, and hot gold oil process solutions, making it very suitable for wall cloth texture relief printing;

-Reasonable head layout and more integrated printing solutions enable users to truly experience brand/quality products;

Stereoscopic relief painting has the following characteristics, making it a unique and eye-catching art form:

- Enhance visual effects and artistic expression.
- Compared to traditional printing, it has a stronger sense of stereoscopic vision and generates an impulse to touch, enhancing the interactivity of the work.
- The delicate lines and strong contour sense enhance the texture and detail of the work, making it more vivid and rich.



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. Stainless steel ornaments, soft and hard package murals, relief texture paintings, lighting screens, fabric sofas, semi transparent roller blinds, wall cloth paintings, surface textures of book and gift packaging boxes, etc

OR-3200ProUV		TECHNICAL PARAMETER
Model		OR-3200Pro UV
Print head		RicohG5 x 9
Colour		4W+CMYK+Lc+Lm+V1+V2
Printing speed	1mm—Ordinary eclosion	7 sqm/h
Print mode		Piezoelectric inkjet printing
Medium	Width	3220 mm
	Thickness	1 mm
	Weight	200 kg
Print width		3200 mm
Ink cartridge	Type	UV INK
	Capacity	Continuous supply system (1.5L ink tank)
Curing unit		UV cured water-cooled UV LED lamp
Printing accuracy		1200 dpi
Voltage		AC 220V ± 10%, 50/60 HZ, 5500W
Software		Rinprint UV
Machine size		5410 x 1200 x 1570 mm
Machine weight		1200 kg
Packaging size		5650 x 1130 x 1870 mm
Packaging weight		1300 kg
Environment	Power on mode	Temperature: 15℃ – 32℃ / Humidity: 35 – 80% (No condensation)
	Close mode	Temperature: 5℃ – 40℃ / Humidity: 20 – 80% (No condensation)
Accessories		Data cable, user manual, waste ink cartridges, ink cartridges, RIP software, etc

