ORIC

OR-5804E UV（Epsoni3200-U1x4）

3D texture relief painting tape printer

3D TEXTURE
Multi layer relief printing technology

1mm Texture effect：**3** sqm/h，matte oil, hot golden oil, bright oil can be freely switched

5c
W			
C	M	Y	K
V1	V2	V3	

W+CMYK+V1+V2+V3

2400 dpi resolution | Variable ink droplets | Simple operation | Warranty

3D Printing texture hot stamping process

Third layer — Hot gold oil layer
The second floor — Color layer
first floor — Texture white ink layer

（Third layer）　（The second floor）　（first floor）
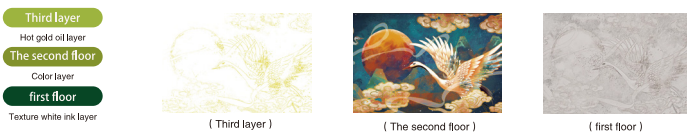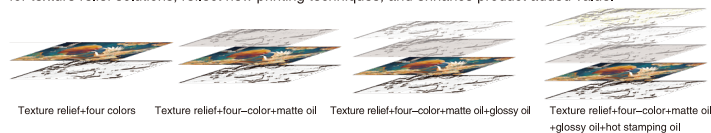
Texture relief painting hot stamping process is applied to the three-dimensional texture effect of the image to enhance the decorative effect and texture. The texture relief painting after hot stamping will have a significant improvement in both tactile and visual effects on the hot stamping area, presenting 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.

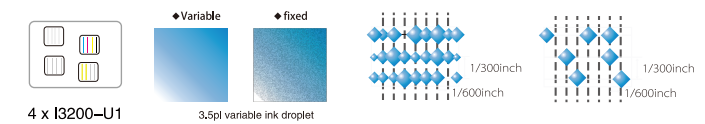## Multi layer printing layering technology for one-time molding of multiple texture schemes

The combination of multiple schemes such as white ink texture, UV full-color, matte oil, hot stamping golden oil, and bright 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-5804EUV. Meet the application needs of more customers for texture relief solutions, reflect new printing techniques, and enhance product added value.

Texture relief+four colors　Texture relief+four-color+matte oil　Texture relief+four-color+matte oil+glossy oil　Texture relief+four-color+matte oil +glossy oil+hot stamping oil

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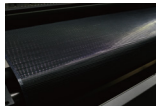
- Support printing with different precision and thickness
- Suitable for multiple materials
- Personalized customization
- Colorful and long-lasting
- Widely applicable in various fields

Configuration parameter

◆Variable　　◆fixed

4 x I3200-U1　　3.5pl variable ink droplet

1/300inch 1/600inch　　1/300inch 1/600inch

Configure four I3200-U1 print heads, adopt advanced board control technology, use 3.5pl ultra small ink droplets, and industrial grade design to ensure the durability of the print heads.
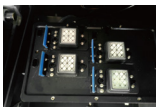
–1.8m width supports white ink texture, color, matte oil, hot golden oil, and brightening oil enhancement process solutions;

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

–Multiple options for one machine printing have been completed, solving the limitation of using one machine and one solution for customers, and achieving personalized production;
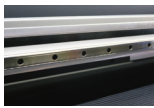
Specialized high-strength and low stretch tape, without deviation or deformation, with a long service life;

The anti-static device can effectively prevent phenomena such as oblique spraying and ink flying caused by static electricity;
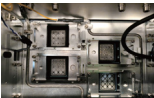
Automatic moisturizing and cleaning component, automatic ink stack lifting, long-lasting moisturizing, more convenient;

THK high-precision silent guide rail;

High quality DC servo motors have good stability and long service life;

Adding bottom plate heating to the car effectively improves the stability of printing;

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.

OR–5804EUV   TECHNICAL PARAMETER

Model		OR–5804E UV
Print head		Epsoni3200–U1x4
Colour		W+CMYK+V1(Matte oil)+V2(hot golden oil)+V3(shiny oil)
Printing speed	1mm–Ordinary eclosion	3 sqm/h
Print mode		Piezoelectric inkjet printing
Medium	Width	1820 mm
	Thickness	1 mm
	Weight	60 kg
Print width		1800 mm
Ink cartridge	Type	UV Ink
	Capacity	Continuous supply system (1.5L ink tank)
Curing unit		UV cured water–cooled UV LED lamp
Accuracy		2400 dpi
Voltage		AC 220V ± 10%, 50/60 HZ, 4500W
Software		Rinprint UV
Machine size/weight		3320 x 900 x 1720 mm / 450 kg
Packaging size/weight		3550 x 1140 x 1740 mm / 520 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