ORIC

OR-1806EPro UV（Epsoni3200x6）

3D texture gold tracing tape printer
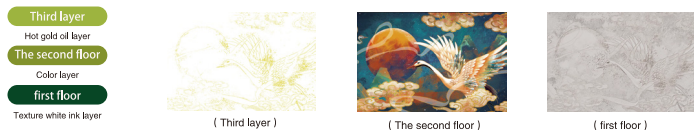
3DTEXTURE
Multi layer relief printing technology

OR-1806E PRO

ORIC

ORIC

1mm Texture effect：**5** sqm/h,with free switching between matte oil and hot golden oil

9c

W	W	W
C	M	Y	K	LC	LM	LK	LLK
V1	V2

3W+CMYK+Lc+Lm+Lk+Llk+V1+V2

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 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–1806EPro. Meet the application needs of more customers for texture relief solutions, reflect new printing techniques, and enhance product added value.

Texture relief　　Texture relief+matte oil　　Texture relief+matte oil+glossy oil　　White ink texture+color+matte oil+ hot stamping oil+glossy oil
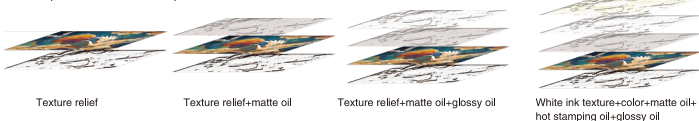
Using UV printing technology, UV ink is sprayed onto the substrate through a head, and then the ink is instantly cured using ultraviolet light. During the printing process, uneven relief effects can be created by controlling the thickness of specific white ink. Colorful ink is overlaid on top of white 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

–Configure 6 Epsoni3200 heads and use a texture relief printing machine with 3.5pl ink droplets;;

◆Variable　　◆fixed

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

3.5pl variable ink droplet
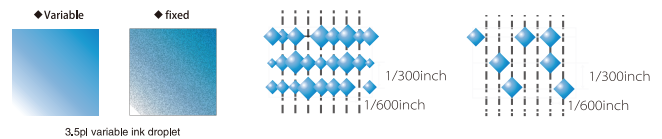
–1.8m UV white ink texture relief, matte oil, hot gold oil, 9 color configuration tape printer;
–Reasonable head layout and more integrated printing solutions enable users to truly experience brand/quality products;
–Multiple printing solutions have been completed on one machine, solving the limitation of using one machine and one solution for customers, and achieving customized mass production;
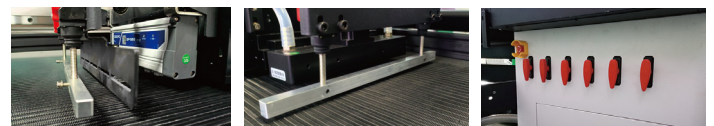
Static electricity removal device
Effectively eliminate the flying ink caused by static electricity on the surface of materials.

Collision avoidance device
Adopting universal anti–collision sensing to ensure emergency stop triggering and improve the lifespan of the heads.

Ventilation platform control system
Partition suction platform: Select different area air chambers according to material size.

Height measurement system
Automatically detect material thickness, adjust printing height to meet 35mm medium height printing requirements.

Inflatable shaft feeding and unloading system
Support the loading and unloading of materials with different weights and thicknesses.

THK high–precision silent dual rail
Effectively reduce work environment noise, improve the printing accuracy and smoothness of the car.

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-1806EPro UV		TECHNICAL PARAMETER
Model		OR-1806EPro
Print head		Epsoni3200x5+Epsoni3200（8）HDx1
Colour		W+CMYK+Lc+Lm+Lk+Llk+V1+V2
Printing speed	1mm-Ordinary eclosion	5 sqm/h
Print mode		Piezoelectric inkjet printing
Medium	Width	1820 mm
	Thickness	1-35 mm
	Weight	200 kg(standard front and rear inflation shafts)
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		2400 dpi
Voltage		AC 220V ± 10%, 50/60 HZ, 5000W
RIP		Rinprint UV
Machine size / weight		3630 x 1132 x1400 mm / 1000 kg
Packaging size / weight		3860 x 1140 x 1610 mm / 1100 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