



OR-6090 UV (EPSON I3200-U1x3)

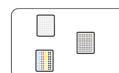
Personalized Customized UV flatbed Printer



ORIC UV INK



Equipped with 3 print heads



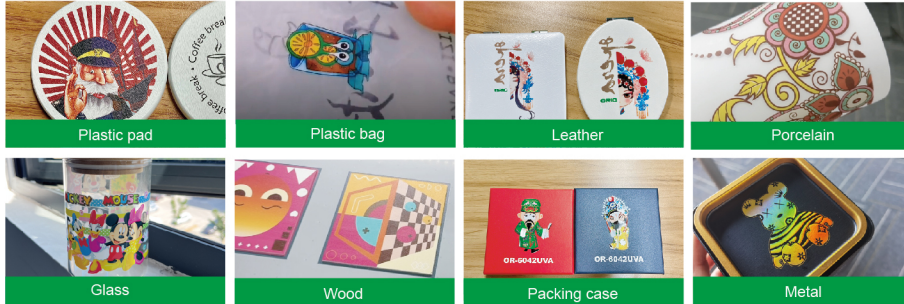
OR-6090 UV (EpsonI3200-U1x3)

CMYK+W+V -6pass

4.5 m²/h

SPECIAL UV DTF PRINTING SOLUTION

UV DTF PRINTER With the rapid development of science and technology, people have shown unprecedented progress in the processing and presentation of image patterns. In order to meet the personalized demands of users and meet the needs of designers, UV flatbed printer has emerged as the times require, and its patterns are realistic and layered. The advantages of richness, high artistry, and strong stereoscopic effect make UV flatbed printer the first choice for hot image output.



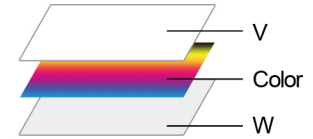
Applications: Pencil sets, industrial and packaging applications, signs, display props, personality photos, photo frame production, crystal image products, handmade gifts, souvenirs, lighters, coasters, mobile phone case personalized products, U disk, keychain, ashtray, brooch, lunch box, belt, wallet, money clip, insole, personalized sports shoes, etc.

Technical Specifications

Model	OR-6090 UV	
Printing Technology	Three i3200-U1 Print Heads	
Print Head	Piezoelectric Inkjet	
Printing Width	600*900(mm)	
Acceptable Media	Width	≤600(mm)
	Thickness	≤150(mm)
Ink Cartridges	Capacity	Color Siphon + Regular Mixing of White Ink
	Color	CMYK / W+CMYK / CMYK+V / W+CMYK+V
Printing Resolution	Maximum 2400 dpi	
Speed	CMYK+W+V-6pass: 4.5sqm/h	
Ink Curing Method	Dual UV LED Lights	
Power	3000W	
Interface	Gigabit Ethernet	
Power Supply	AC 220V ± 5%, 16A 50HZ ±1	
Dimensions(with stand)	2986(W)*2450(D)*1385(H)	
Packing Dimensions	1850(W)*1700(D)*1140(H)	
Weight(with stand)	300 kg	
Environment	Power on	Temperature: 59 ℉ to 90 ℉ [15℃ to 32℃] / Humidity: 35 to 80% (no condensation)
	Power off	Temperature: 41 ℉ to 104 ℉ [5℃ to 40℃] / Humidity: 20 to 80% (no condensation)

Technical characteristics

- OR-6090 UV is equipped with 3 original Epson I3200-U1 print heads
Printing size 600 mm (X)x900 mm (Y)
- 15mm long distance injection, breakthrough to achieve curved, convex and irregular surface inkjet printing patterns
- Printing height: 1-150 mm
- Printable flat material, variable application scheme
- Printable cylindrical material (optional component).



● 4 Colors + White & Varnish Are More Expressive

Equipped with 6 ink tanks, 4 colors of ink can be installed. It can finish exquisite shading with high precision. In addition, using white ink and clear varnish, it has rich expressive power and fulfills various needs.

● High-Performance Inks For A Variety Of Applications

It is an eco-friendly UV ink with excellent color development and color reproducibility. It is cured by ultraviolet radiation. In addition to bright colors and style, it also has strong adhesion.

● Printer designed for customizations

The electric cylinder fixture supports 360 ° rotation printing. With cylinder fixture installed on the flatbed, OR-6042UVA can print media up to 180mm height.

● Print Varnish And 3D Relief Effects

The heads of white color varnish ink jet at the same time, which can produce D relief and multi-layer transparent bump effect, including amazing varnish glossy effect and matte finish.



UV DTF Production Process



1 Software processes design

Use photoshop, illustrator, or other software to complete your designs and save them in printable mode



2 Print PET material

First, choose the material to print directly with the printing equipment, according to the required printing mode can be white, color and varnish



3 Transfer film

After printing, use special laminating equipment for film pressing



4 Hot melt film

Cut out the desired pattern, stick it on the prepared material, slowly press the pattern repeatedly, and tear the surface film to finish