locor®

Model	Deluxejet1830UV	Deluxejet1830/SUV
Print parameter		
Print head	Epson 4720	Epson DX7
Print head number	3 PCS	3 PCS
Print head height	1.8mm-4mm	1.8mm-4mm
Print head cleaning	Automatically cleaning (strong, mild, weak), Flash, Moisturized	
Print direction	Uni-direction / Bi-direction	
Printing mode	Color White Color/Color White/White Color/Color1/Color2(LED UV)	
Print speed		
Draft Mode	16m^2/h	9m^2/h
Standard Mode	9.8m^2/h	6.5m^2/h
Accuracy Mode	7.2m^2/h	3.85m^2/h
Ink		
Ink type	UV ink	
Ink supply	Continuous ink supply system+ ink shortage alarm	
Ink colors	K\C\M\Y\W	
Ink tank volume	1500ML for each color	
Print media		
Print wide	1820mm	
Media type	Transparent glass paste, Transparent pvc film,3P cloth, wallpaper, leather	
Media loading weight	Max 80kg	
Printer configure		
Take up system	High-power automatic take up system	
Front-load quality inspection	LED light guide plate	
Operation system	Win 7 / Win 10	
Computer requirement	CPU:i5 Memory:8G	
Data transmission	1000M network port	
RIP software	Maintop 6.0 / PhotoPrint 19	
Voltage	AC-220V,50Hz/60Hz 10A	
Power	1500W	
Noise	Standby<32dB Work<75dB	
Package size/weight		
Printer size(L*W*H)	3124*950*1605mm L*W*H	
Net weight	270 Kg	
Package size (L*W*H)	3200*1160*680mm (LxWxH)	
Gross weight	320 Kg	

＊All specification is subject to change without prior notice.

Multifunction Color+White+Color
UV Roll to Roll Printer

EPSON DX7/3200 Printhead Three Printheads

MACRO PRINT TOUCH YOUR HEART

Print head

● Epson DX7 print head

1.EpsonDX7 printhead has 8 rows of nozzles, 180 nozzles each row, and 1440 nozzles in total, adopt 2.5pl gray-scale variable ink drop technology,with delicate printing quality and photographic level effect.

2.Epson Dx7 print head can be used in UV, showing its good compatibility, powerful function and more extensive application.

● 4720 print head

1.Epson 4720 industrial grade print head has 8 rows of nozzles, 400 nozzles each row, and 3200 nozzles in total, which greatly improved the printing speed.

2.Adopt 5pl gray-scale variable ink drop technology, the resolution can reach 3200dpi of high-definition digital photographic quality, with delicate printing quality and photographic level effect.

3.Epson 4720 print head can be used in UV, showing its good compatibility, powerful function and more extensive application.
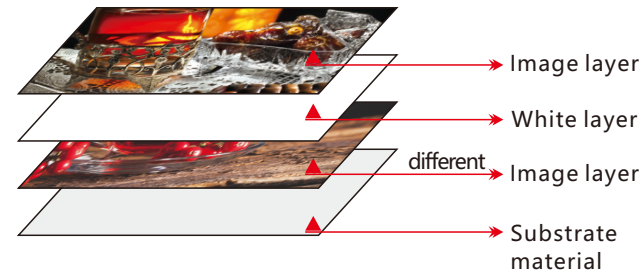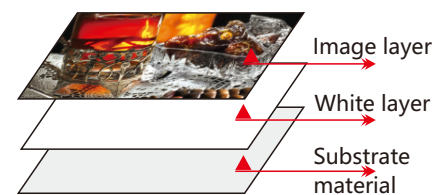
Fourl imaging modes

The multi-layer imaging technique has been provided to the user as a standard function, and there are three different modes to meet the various needs of customers;

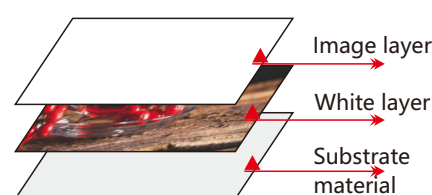### Color+white+color (three printheads)

The design of the first layer and the bottom layer of the film can be different: the front and back images look normal, but different text or layout can be designed.
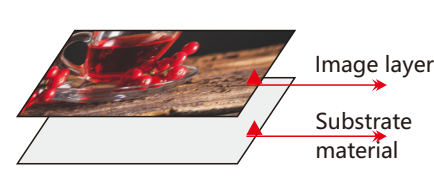
Image layer
White layer
same → Image layer
Substrate material

Image layer
White layer
different → Image layer
Substrate material

Color+whith (two printheads)
Image layer
White layer
Substrate material

Color+whith (two printheads)
Image layer
White layer
Substrate material

Color1/2 (one printhead)
Image layer
Substrate material

1.The multi-layer imaging technique can quickly produce the relief and other 3D image effects on the printing materials, with the sense of carving and the sense of concave and convex within reach.

2.This function can set each part independently with the most appropriate printing mode, which not only helps to improve the production capacity, but also maintains the best quality output of each printing job.

The advanced technology is the guaranteed for continuous printing of rich and colorful image and output effects

High quality mechanical components ensure stable printing
1.Advanced THK noiseless guide rail;
2.High precision aluminum alloy integrated beam;
3.Double Leadshine servo motor control;
4.High quality mechanical components ensure the smooth operation, high speed and accuracy of the machine in the printing process.

Flexible ink, Image bendable and foldable
Adopted flexible UV ink can prevent the image from cracking when the substrate is bent.

Secondary ink cartridge heating device
UV ink can achieve best results at 40 ℃. The secondary ink cartridge heating device ensures the better ink fluency during printing, and it is not easy to fly or break the ink, and reach the best color.

White ink supports various of materials
White ink is applied to various of applications, including printing on color and transparent materials, especially in window decoration.

Front-load quality inspection device -LED light guide plate
The front-load quality detection device is LED light guide plate, which is convenient to check the image quality more accurately and improve the working efficiency in the printing process.

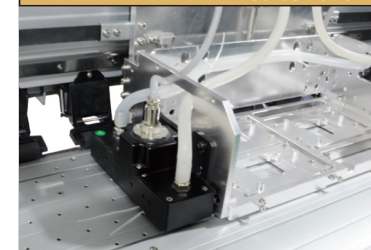### Large capacity ink tank continuous ink supply system + ink shortage alarm
The number of adding ink can be reduced significantly that way for 1500ml capacity ink tank, improved working efficiency, ink shortage alarm, remind users to add ink immediately, avoid to disruptions during printing.

White ink mixer
The white ink mixer above the ink cartridge can effectively prevent precipitation of the white ink and makes the printing process more smoothly.

UV lamp intensity adjustable - According to various of substrate materials.
The UV lamp shutter on both sides of the nozzle, can easily adjust the intensity of the UV lamp by the cooling machine, the thermal sensitive materials and self-adhesive materials can be better handle, and control the volatilization of UV ink odor effectively.

Application