

C UV FLATBED PRINTER



# K6090UV

HIGH VOLUME UV PRINTING SOLUTION



UV Ink

W + C M Y K + Varnish



@Keditec Manufactory I/II/III/IV

## ● 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, K6090UV can print media up to 180mm height.



## ● Technical Specifications

Model	K6090UV	
Printing Technology	2/3 Pcs i1600-U1 / i3200-U1 Print Heads Optional	
Print Head	Piezoelectric Inkjet	
Printing Width	600*900(mm)	
Acceptable Media	Width	≤600(mm)
	Thickness	≤180(mm)
Ink Cartridges	Capacity	Color Siphon + Regular Mixing of White Ink
	Color	W+CMYK+Varnish
Printing Resolution	Maximum 2400 dpi	
Speed	720x900dpi (Finish Printing an A2 sheet in 10 mins)(2xi1600-U1)	
Ink Curing Method	Dual UV LED Lights	
Power	1300W	
Interface	Gigabit Ethernet	
Power Supply	AC 220V ± 5%, 16A 50HZ ±1	
Dimensions(with stand)	1770mm(W)*1600mm(D)*1020mm(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)

## ● 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.

## ● Epson i1600-U1 / i3200-U1 Print Head

PrecisionCore Technology a. MEMS manufacturing and thin film piezo element can realize high precision and high density (600 npi/2 rows of nozzles). Contributes to compact, high speed, high quality, and high image quality. Precision made of Epson unique MEMS nozzles and an ink flow path ensure the perfectly round ink droplets are placed accurately and consistently.



i3200-U1



i1600-U1



High quality output, simple and efficient operation  
K6090UV multifunctional flatbed contains many advanced functions to complete high-quality printing jobs with simple operations.



Moisturizing cleaning assembly ensures the stability of head cleaning and improves working stability.



High precision vacuum flatbed made of aluminum alloy with a turbofan installed below can fix the media firmly.



High quality imported THK high precision guide rail.