

## SPECIFICATIONS

### Printhead

Printhead type	I3200
Printhead number	4pcs
Ink	UV curable
Color	KCMY+Lc+Lm+W+V

### Media

Printing Media	Glass paste/oil painting/leather
Max Printing Width	1800mm
Platform suction	Mesh belt platform conveyor+three-stage adjustable suction
Curing method	LED UV lamp (water cooling)

### Numerical control system

Control System	KNFUN/HOSON
Rip Software	Photoprint
Operate system	WIN7/WIN10 64 bit
Power supply parameters	AC220V, 50Hz/60Hz
Power	2000W

### Operation Requirements

Work environment	15-30°C
Relative humidity	40-60%

### Dimensions & Weight

Machine dimension	3160*1130*1330mm(L*W*H)
Packing dimension	3300*950*1700mm(L*W*H)

# R180 PRO

## UV Roll To Roll UV Printer

High Performance Roll to Roll LED-UV Inkjet Printer



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DIGITAL INKJET SOLUTIONS PROVIDER

## ■ TECHNICAL ADVANTAGES

### 8-color print

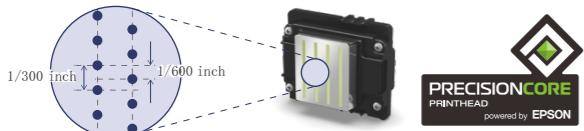


Full color up to 80m<sup>2</sup>/h  
Color-White-Color up to 60m<sup>2</sup>/h  
8-color print up to 24m<sup>2</sup>/h

### PrecisionCore Technology

All MEMS manufacturing and thin film piezo element can realize high precision and high density(600 dpi / 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.



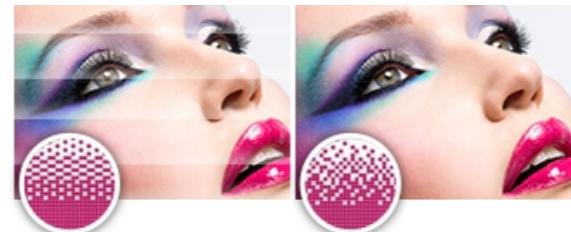
### Support for grey-scale

Epson's unique Variable Sized Droplet Technology (VSDT) delivers smooth gradation by freely control to eject the droplet volume.



### Micro-feathering technology

Rely on the algorithm to disperse the arrangement of ink dots to compensate for paper feeding errors and eliminate the edge phenomenon of the printing belt.



### Original ink

The works printed with the original ink of Xenons can get more vivid colors and make the life elements in the picture come to life.



### Color and white color effect

Print a layer of white ink with color ink first, and then print a layer of color ink. Color white and color double-sided color printing to increase the vividness of colors and make the pattern more three-dimensional



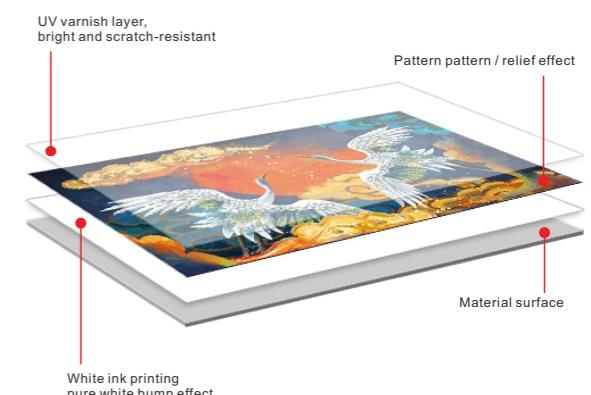
### Relief printing effect

The white ink partial printing can show the artistic effect of high visual impact and the unique relief effect.



### White, color and varnish printing at the same time

White, color, and varnish are printed at the same time, and multiple colors can be printed at a time, which can enhance the gloss of the picture and enhance the vividness of colors.



### Varnish effect

Fully automatic color printing and varnishing process simultaneously.



## ■ DETAIL CHARACTERISTICS

The honeycomb printing platform has more uniform suction and stable feeding.

X-axis adopts 400W servo system, printing speed is faster, printing is more stable.

Whole-section imported THK linear silent guide rail to ensure the operation of the trolley.

Using adjustable water-cooled UV lamp, cold light source, low power, curing effect is better than traditional mercury lamp, and the overall operation energy consumption of the equipment is lower.

The suction platform adopts a high-pressure vortex fan, and the whole table has three stages of suction. The zone and adsorption force are freely adjustable, and the printing is more flexible for different media.

The Y-axis design of the large rubber roller machine used for the surface extension directly uses the servo motor acceleration and reducer system. Used to eliminate step deviation caused by gear belt tooth. Make the print size more accurate.

