



## NC-UV1314-II

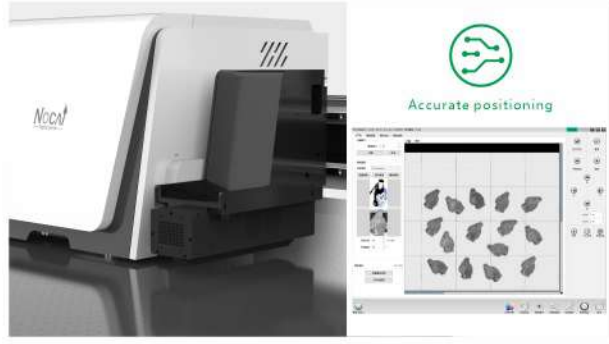
### Large format visual positioning UV printer

NC-UV1314-II printer with new visual recognition and positioning function, which can identify position accurately, and solve the problem of product positioning easily; 8 color+W+Varnish+Primer, high color saturation and delicate color, primer can be printed directly, strong adhesion save time and labor cost; 2-12mm concave and convex printing. It can be used in hardware badges, arts and crafts, advertisements and packaging industries; 1300\*1400 mm printing format can achieve mass production.

## Features

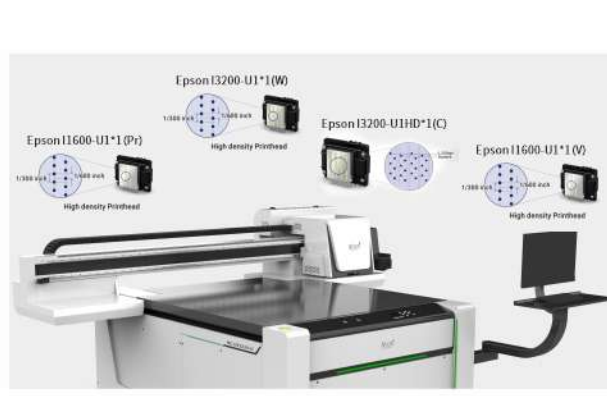
### New visual positioning system Precise position identification

High-definition camera scanning, precise recognition of material contour texture; integration for visual software system, change the history of sets of software interaction, easy and fast operation; the images can locate automatically and accurately, the recognition error is controlled within  $\pm 0.1$ mm.



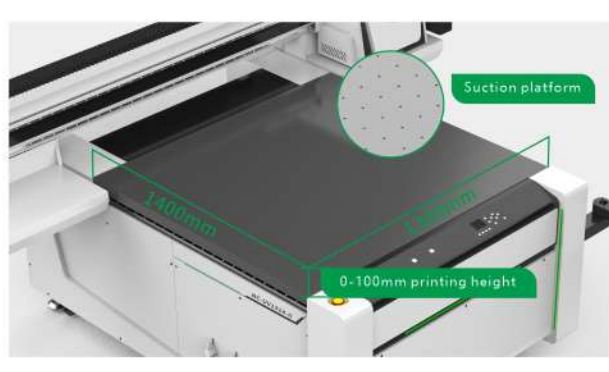
### 8 color +white+varnish+primer printing at the same time

4 different printheads, the highest definition is 1200 dpi. White, color and varnish can be printed out at the same time, high color saturation, primer can be printed partially, which save time and labor cost.



### 1400X1300mm printing format

1400X1300mm printing format, 0-100mm printing height, meet the printing needs for different industries, with suction platform can make the material flat, printing speed can reach up to 2 square/hour, which is very easy to achieve mass production needs.



### Supports 2-12mm high drop printing

Controlled by intelligent software which supports 2-12mm high drop printing, reducing the flatness requirements of printing media and meeting the uneven surface printing requirements of some products.



### Detachable design

The machine can be disassembled into three parts, and the packaging volume is small after splitting, which reduces the cost of transportation. At the same time, it also reduces the door width requirement, making it easier to use and install in terms of space.



### Precise materials Stable output

The X-axis uses imported double-row guide rails, linear motor drive, and magnetic grid to read data to ensure higher printing accuracy. For the selection of product materials, Nuocai not only considers the quality but also pays attention to the adaptability, so that the printer has a more stable output during operation.



## Application

The NC-UV1314-II large format and visual positioning UV printer is mainly for the large format production and customers that require high positioning accuracy. It helps the users to solve the positioning problems of products and pictures during printing. It can also help users to solve the core points such as high cost of molds and frequent replacement of molds. The visual positioning and printing software is highly integrated, operation can be very easy and quick. It can improve product qualification rate and energy efficiency effectively. At the same time, the machine is widely used in hardware badges, craft and gift, toy, advertising signs, packaging and other industries. There is no need for making plate, adjusting the color. The machine offers the advantages of instant drying and rich colors.

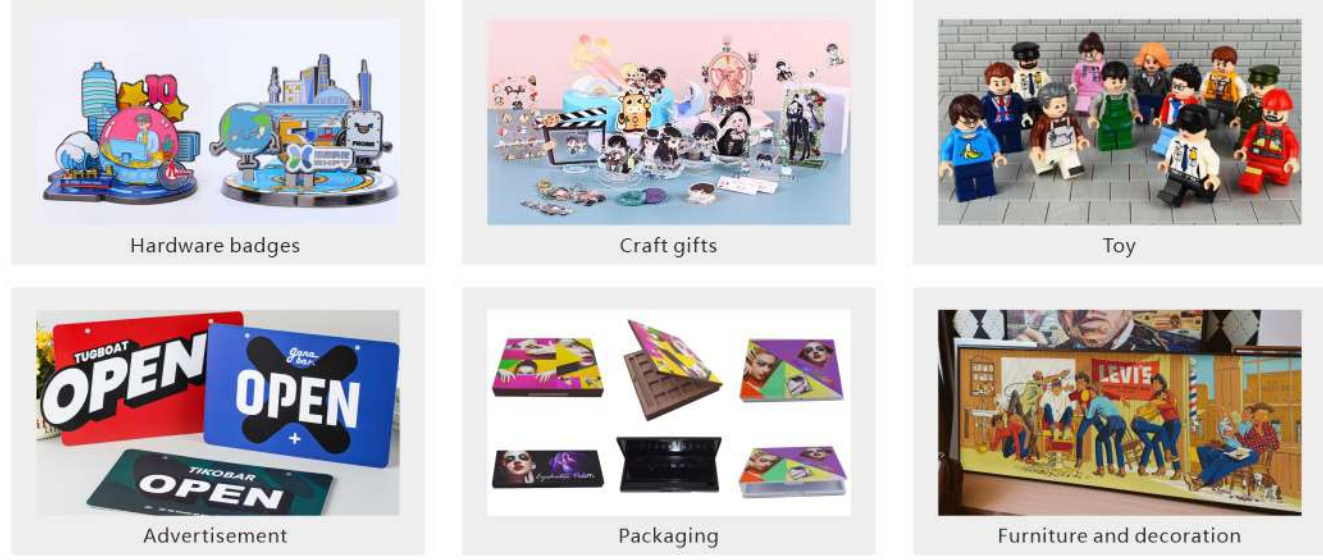
### Farewell to relying on printing wire frames or customized product mold positioning.

During mass production of products, the software automatically scans the product contours and lines and identifies corresponding patterns to match them. This eliminates the need for manual placement of products or customized product molds through printed wire frames, and eliminates the need for secondary drawing and layout. While saving labor and mold customization costs, it thoroughly solves the pain point of low yield caused by inaccurate product positioning in the user's production process, greatly improving printing production efficiency.



### Solve the problem of difficult positioning of irregular products.

Solving the problem of difficult positioning of irregular products has always been a challenge. With visual positioning function, users do not need to customize complex molds for irregular products separately. Within the scanning range of the platform, irregular products can be placed arbitrarily, and the software will automatically scan, locate, match, and print. Thoroughly solve the pain points of difficult printing and positioning of irregular products, and improve user experience.



### Computer configuration requirements:

Operating system: Windows 10/11 (64 bits) Professional version  
CPU processor: 12th generation for Core i7 or above  
Memory: 32G or above recommended  
Hard disk type: 1 T Solid state disk  
Graphics card: With no need for independent graphics card  
Network card: Gigabit network card 1000M 2 connectors  
Displayer: Resolution ratio 1920\*1080 is recommended



\*Computers need to be self-provided

## Parameter

Model number	NC-UV1314-II			
Printhead configuration	Epson I3200-U1*1(W)	Epson I3200-U1HD*1(C)	Epson I1600-U1*1 (V)	Epson I1600-U1*1 (Pr)
Print head picture				
Nozzle spray force range	2-12mm	2-12mm	2-12mm	2-12mm
Number of nozzles	3200	3200	1600	1600
Distance between nozzles	1/300 (inch)	1/300 inch	1/300 inch	1/300 inch
Number of nozzle rows	8	8	4	4
Maximum number of printing ink colors	4	8	4	4
Droplet ejection performance (droplet volume and of grayscale ejection frequency)	5 pl (43.2kHz) 6,12.5 pl (21.6kHz) 3,8,6,2,9,3 pl (21.6kHz)	5 pl (43.2kHz) 6,0-12.5 pl (21.6kHz) 3,8-6,2-9,3 pl (21.6kHz)	5 pl (43.2kHz) 6,12.5 pl (21.6kHz) 3,8,6,2,9,3 pl (21.6kHz)	5 pl (43.2kHz) 6,12.5 pl (21.6kHz) 3,8,6,2,9,3 pl (21.6kHz)
Print size	1400*1300mm			
Print height	0-100mm			
Print version	Primer, white, color and varnish come out at the same time			
Print mode	CMYKCLMLKLLK+W/CMYKCLMLKLLK+W+V/CMYKCLMLKLLK+W+V+Pr/CMYKCLMLKLLK+W+Pr			
Resolution	720*900dpi / 720*1200dpi			
Printer dimension	L*W*H	2534mm*2741mm*1348mm		
N.W.		595KG		
Body packing	L*W*H	2229mm*2905mm*1641mm		
G.W.		795KG		
Rip software		RIIN		
Print speed range		2-7.8 square/hour		
Graphic and text format		Tiff,Jpg,Pdf		
Connection method		Cable		
Rated power		AC220V $\pm$ 10, 50HZ-60HZ		
Voltage		1900W		
Working environment		Temperature: 20°C-28°C Humidity: 35%-65%		
Operating conditions		Dust: Avoid dusty environments Illumination: Avoid direct sunlight		
Ink type		Environmentally friendly UV curing ink		

### Visual positioning device

Identification method	Cart identification
Camera scanning range	1400*1300mm
Print positioning accuracy	0.1mm
Camera recognition height	0-8mm
Full scan time	2 minutes 30 seconds



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