



NC-UV2513

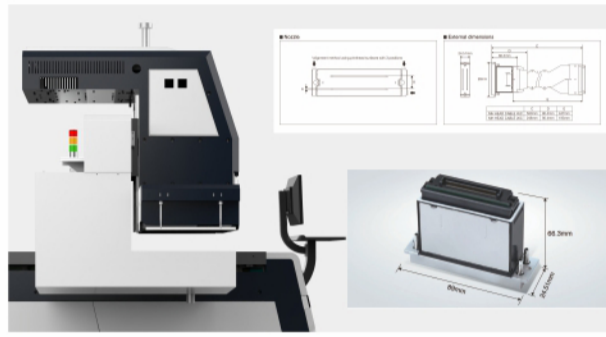
Large format UV flatbed printer with visual positioning

The newly launched NC-UV2513 large-format flatbed UV printer is designed for the excellent printing quality and the highest production efficiency, with high precision, fast speed and wide application. It is suitable for various materials, such as glass, wood, PVC, foam board, metal, ceramic, leather, etc.

Feature

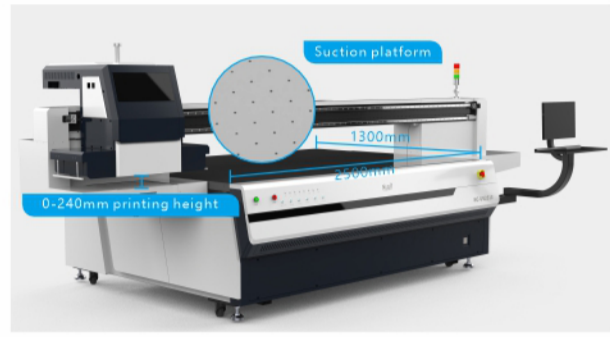
Free combination, durable and high precision

2-8 RICOHGEN6 printheads can be freely selected, the minimum ink drop is 5PL, and the accuracy can reach up to 2400dpi. The industrial print head has long service life, and the printing speed can reach up to 6.77m²/h, making it easy to achieve mass production.



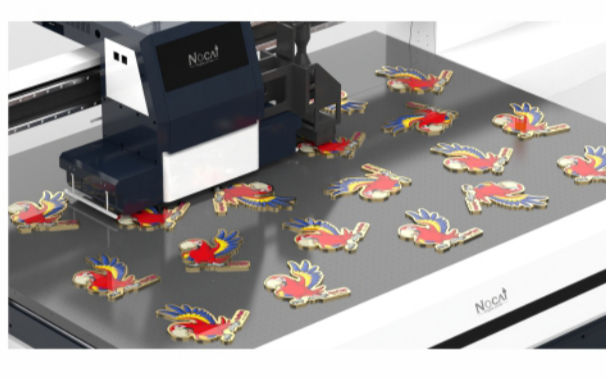
2500mm*1300mm printing format

2500X1300mm printing format, 0-240mm printing height can meet the printing needs of multi-industry. It comes with a honeycomb aluminum suction platform, which has high strength and is not easy to deform. It also has uniform negative pressure and is durable.



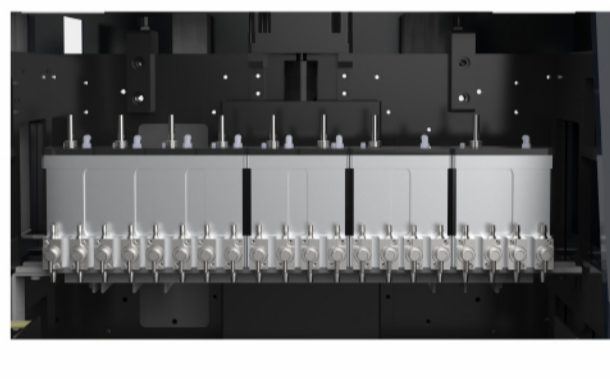
AI Visual Positioning, No Manual Alignment Needed

Built-in HD vision recognition auto-scans workpieces and locates precisely. Overprint accuracy up to ±0.1mm, no human error. Saves lots of plate replacement & debugging time, ideal for batch printing of irregular shaped items.



Stable ink supply and intelligent temperature control

The negative pressure ink supply system is used to make the ink supply more stable, and the secondary ink cartridge and bottom plate have heating function, intelligent temperature control, so that the printing is more secure.



Carefully selected and stable output

The X-axis adopts double-row linear guide rails, which makes the printing more stable and ensures 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.



Any material can be printed to meet the needs of various industries

It is suitable for printing various types of materials, such as: glass, wood, PVC, foam board, metal, ceramic, etc. It is mainly used in advertising, packaging, home decoration, 3C digital products and other industries.



Application



Ad: KT boards, PVC advertising posters, ID cards, hardware signs, signs, medals, table number plates, acrylic billboards, wedding back walls, indoor and outdoor advertising, etc.



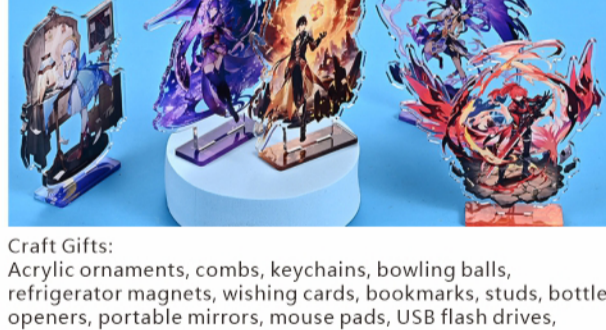
Packaging: Tea box packaging, wine box packaging, gift boxes, moon cake boxes, etc.



Home decoration: Living room paintings, meter box decoration paintings, clocks, wardrobes, screens, background walls, home appliance glass screens, art photos, carpets, etc.



3C Products: Phone cases, mobile power supply, headphones, watch faces, charging heads, switches, game consoles, Polaroids, sockets, etc.



Craft Gifts: Acrylic ornaments, combs, keychains, bowling balls, refrigerator magnets, wishing cards, bookmarks, rulers, bottle openers, portable mirrors, mouse pads, USB flash drives, staplers, crystal ornaments, resin products, etc.



Cosmetic packaging materials: Lipstick tubes, eyeshadow boxes, powder puffs, makeup eggs, eyebrow pencils, makeup brushes, makeup mirrors, eyelash curlers, nail pieces, nail polish bottles, nail files, perfume bottles, moisturizer bottles, face masks, etc.



Stationery industry: Pencils, ballpoint pens, notebooks, pencil cases, school bags, ruler pens, pencil sharpeners, correction fluids, rulers, pen holders, staplers, erasers, glasses cases, bus cards, ID card holders, trophies, etc.



Sporting goods: Frisbee, fishing float, fishing rod, football, cork dartboard, yoga mat, etc.

Parameter

Model	NC-UV2513	
Print head configure	RICOH GEN6*2-8 (Optional)	
Print head distribution	two-color model	
Number of nozzles	1280 (4x320 channels), staggered	
Nozzle spacing (Row to row distance)	0.55mm	
Max.number of color inks	2 colors	
Jetting frequency	50kHz (single dot) 40kHz (multi dots)	
Drop volume	Binary mode: 5pl/Grayscale mode: 5-15pl*	
Spray scope of printhead	2-15mm	
Printing format	2500mm*1300mm±2mm	
Printing thickness	0-240mm	
Color configure	C, M, Y, K, Lc, Lm, W, V(free combination)	
Print mode	One-way and two-way	
Maximum resolution	2400dpi	
Printer dimension	L*W*H	4256mm*2080mm*1600mm
N.W.		1300KG
Packing size	L*W*H	4880mm*2260mm*1900mm
G.W. (incl. steel pallets)		2080KG
Printing software		RIIN/PP
Efficiency and productivity	Four-color: Fast mode: 6.77m ² /h	Production mode: 4.72m ² /h High-precision mode: 4m ² /h
Graphic format		Tiff/Jpg
Data interface		Gigabit Ethernet cable
Supply voltage		AC220V, 50HZ/60HZ
Rated power		6.8KW
Work environment	Temperature	25°C-28°C
	Humidity	35%-65%
Requirements	Independent, clean, low-dust, low-light, well-ventilated workspace	
Ink type	Eco-friendly UV curing ink	

Visual positioning device (Optional)

Identification method	Cart identification
Camera scanning range	2350*1200mm
Camera positioning accuracy	0.1mm
Camera recognition height	0-20mm
Full scan time	170s

Computer Configuration Requirements:
 Operating System: Windows 10 / 11 (64-bit)
 CPU Processor: i9 or higher recommended
 RAM: 128GB or higher recommended
 Monitor: Resolution of 1920*1080 or higher recommended
 Hard Drive: 1TB SSD (Solid State Drive)
 Graphics Card: No dedicated graphics card required
 Network Card: 1000Mbps Gigabit Ethernet Card

