

NC-UVA3MAX

The Nocai latest-generation desktop and compact UV inkjet printer boasts high precision, a compact footprint, versatility, intelligent features, user-friendly operation, multifunctionality, robust reliability, and high cost-effectiveness. It works across a wide range of materials, serving as an all-in-one solution for effortlessly realizing personalized creation.

1200dpi

Industry-standard high resolution for pinpoint accuracy in rendering hair-fine details.

A3 format

Your desktop gateway to creative opportunities. Minimal investment, maximum potential.

7 minutes/panel

Single-panel print speed with lightning-fast response for small batches.

CMYK+W+V

Delivers vivid color reproduction. White ink optimized for transparent/dark substrates. Varnish enhances brightness and abrasion resistance. One system meets all your multi-material needs.

Vision positioning system/ Curved surfaces/ Flexible roll media

Versatile applications, meeting diverse customization needs efficiently.



Desktop multifunction UV printer

Features



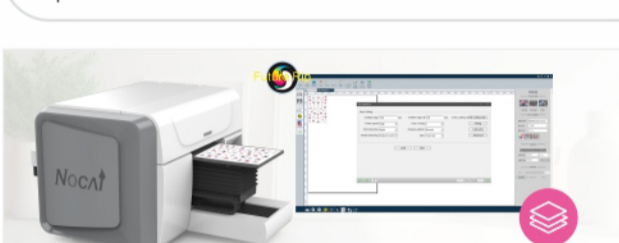
High precision & Flexible color configuration

Equipped with an Epson I3200-U1HD printhead, it achieves a maximum printing resolution of 1200 DPI. The 8-channel configuration enables highly adaptable color application, while the CMYK+W+V color system delivers vibrant and rich output results.



Lightweight and user-friendly

Its compact design saves space, allowing it to integrate into diverse settings like homes, offices, print shops, retail stores, and tourist attractions seamlessly to meet various needs.



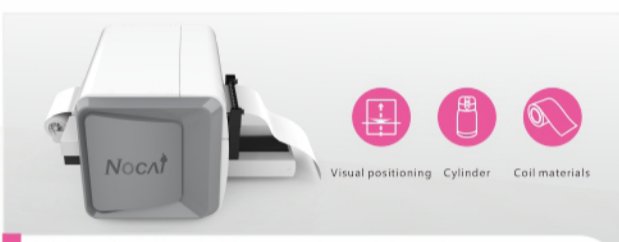
Diverse effects, effortless output

Offers flexible color combinations including color, color+white, color+varnish, color+white+color, and white+color+varnish. All effects are achieved in a single pass without multiple steps, and can be easily selected via software.



Smart ink filling Stable & worry-free

The intelligent system prevents leakage and misoperation. It also features automatic ink circulation and a low-ink alert to prevent sedimentation, ensuring reliable operation and peace of mind.



All-in-one. Versatility for diverse scenarios.

Equipped with high-precision and built-in vision positioning and dedicated jigs for roll-to-roll materials and cylindrical objects, this single machine adapts to multiple applications seamlessly, meeting a wide array of customization needs efficiently.



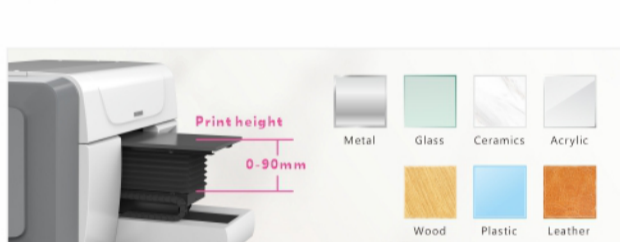
Easy operation & Maintenance

All tasks, from test prints to maintenance, can be performed quickly by following the intuitive on-screen prompts. The automatic standby maintenance feature ensures daily upkeep is effortless and worry-free.



Omnidirectional protection for safety & stability

The ink station lifts and lowers automatically, controlling the position of the ink cart precisely to ensure the stability of printing coordination; When triggered the laser opposite-emission intelligent anti-collision device, the platform lowers to reduce the risk to the print head automatically.



Exceptional cost-effectiveness & Wide-ranging applicability

Supports product thicknesses from 0 to 90mm, with no material limitations. It prints onto substrates directly, making it suitable for a vast array of applications.

Effect display



High-quality color inkjet pressure-sensitive labels

Utilizing a roll-to-roll printing process, they are perfect for printing various labels directly, including adorable toy stickers and everyday household item labels.



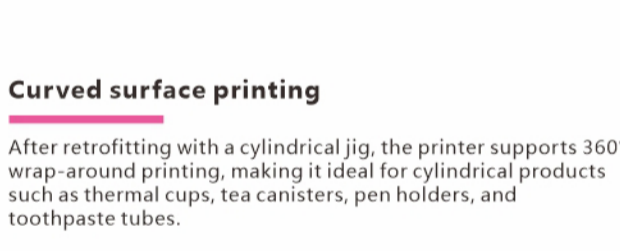
Curved surface printing

After retrofitting with a cylindrical jig, the printer supports 360° wrap-around printing, making it ideal for cylindrical products such as thermal cups, tea canisters, pen holders, and toothpaste tubes.



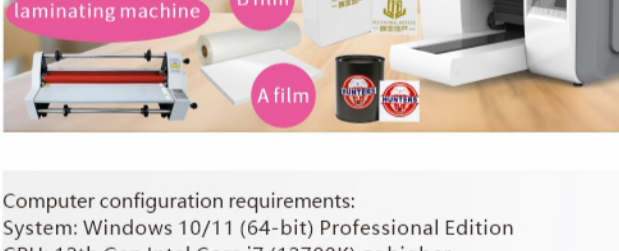
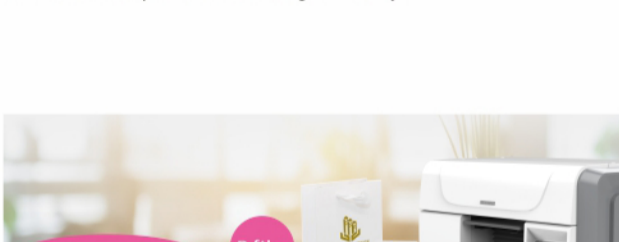
Perfect 3D printing

Achieves raised printing with white, color, and varnish layers, creating a true 3D texture that meets personalized demands and enhances product value significantly.



UV DTF technology

It can be directly printed on the UV DTF film, and the printed pattern can be posted at will, not limited by the material and shape of the product.



Computer configuration requirements:

System: Windows 10/11 (64-bit) Professional Edition
CPU: 12th Gen Intel Core i7 (12700K) or higher
Hard Drive: 1TB Solid State Drive (SSD)
RAM: 16GB or higher
Graphics Card: Visual positioning system; independent graphics card is not required. (Please configure a graphics card yourself if the customer has graphic design needs.)
Network Card: 1000M Gigabit Ethernet Card
Display: Recommended resolution 1920*1080

*Computers, computer desks, and machine bases need to be self-provided



Product parameters

Model number	NC-UVA3MAX
Print head picture	
Printhead configuration	Epson I3200-U1HD*1
Nozzle spray force range	2-3mm
Number of nozzles	3200pcs
Distance between nozzles	1/300 inch
Number of nozzle rows	8
Maximum number of supported ink colors	8
Droplet ejection performance (droplet volume and ejection frequency)	2 levels of grayscale 5pl (43.2kHz)
	3 levels of grayscale 6.0-12.5pl (21.6kHz)
	4 levels of grayscale 3.8-6.2-9.3pl (21.6kHz)
Print size	297*420mm
Print height	0-90mm
Print version	White and color and varnish print at same time
Print mode	CMYK+W+V
Resolution	960*1200dpi / 960*900dpi
Printer dimension (L*W*H)	1007mm*902mm*592mm
N.W.	78KG
Packing size(L*W*H)	1105mm*1025mm*775mm
G.W.	104KG
Rip software	Future Rip Standard mode:7-33 minutes/version High-precision mode:9-34 minutes/version
Flat printing speed (A3 format)	Tiff / Jpg
Connection method	Gigabit Ethernet cable
Power	AC220/110V, 50HZ/60HZ
Rated power	140W
Working environment	Temperature:25°C-28°C Humidity:35%-65%
Ink type	Environment UV curing ink
Printer type	Digital inkjet printer

Optional fixture parameters	
Visual positioning device	
Recognition method	The beam holds the camera
Scanning range (Single-pass)	380*285mm
Positioning accuracy	<0.2mm
Z-axis detection range	2.8mm
Full-area scanning time	approximately 85 seconds
Installation method	Built-in gantry (with integrated fixture)
Rolling fixture	
Material thickness	0.2-0.5mm
Roll Paper Specifications	Weight:within 10kg Width:30-250mm Diameter:within 150mm (three-inch core, 75mm)
Material length	50m/roll
Applicable material	Kraft paper stickers, white paper stickers, transparent stickers, coated paper stickers, glossy gold/silver stickers, brushed gold/silver stickers, coated paper, glossy silver paper, double-transparent labels, matte Film weak solvent PP adhesive, PET film, pvc transparent film, etc.
Round bottle printing speed	7-34 minutes/version
packing size	415mm*350mm*105mm
packing weight	4.5KG
Electric cylinder fixture	
Cylinder diameter	25-80mm
Cylinder length	20-210mm
Applicable material	Paint cup, stainless steel, plastic, glass, ceramic, wood, acrylic, etc.
Round bottle printing method	White color (round bottle does not support varnish printing)
Round bottle printing speed	5-11minutes/piece
packing size	345mm*323mm*80mm
packing weight	2.6KG