



NC-UV0609PEIII-II

High Cost Performance Digital Inkjet Printer

The NC-UV0609PEIII-II, as the representative of the UV0609 series, is extremely cost-effective. It is stable, has a good advantage of low-volume production. This machine is suitable for a wide range of industries, whether it is advertising production, gift customization, or stationery, handicrafts and packaging fields, it can meet the diversified production needs of different industries.

Features

High precision and durable print head

3 high-precision and durable Epson printheads, with the highest accuracy up to 1200dpi. The printing color reproduction is excellent, the picture is bright, and the details are accurately presented, so as to meet the high-quality printing needs of users in an all-round way.

Diversified effects, one-time molding

A variety of color combinations, four colors + white + varnish, with diversified effects and no color restrictions. Color, color white, embossed varnish and other printing can be printed in one time.

180mm print height

It supports product thicknesses of 0-180mm, meeting the printing needs of products of different thicknesses, without material restrictions, and has a wide range of applications.

Strong stability, green and environmental friendly

The design of the lifting and lowering ink station accurately controls the head position and comprehensively protects the print head. Using UV ink, bright colors, green and environmentally friendly.

One machine with multiple uses for individual needs

One machine has multiple functions. It can be equipped with an electric cylinder jig to complete 360-degree rotation printing. It can print mugs, thermos cups and other cylindrical products to meet diverse personalized needs.

Fine design, pursuit of perfection

The high-precision honeycomb and lamination aluminum printing can make the product smooth and laminated during printing, avoiding displacement and warping, and improving the printing quality. 600*900mm printable format has a significant improvement in efficiency, which is suitable for small batch production.

Humanized design and easy operation

Retractable control panel design. The operation is convenient and smooth, the functions are rich and diverse, and the display interface is clear and concise. Common instructions such as testing, cleaning, and stopping can be easily handled with one click, bringing users an efficient operation experience.

Safety, worry-free and quality assurance

The print head is equipped with an intelligent touch and anti-collision sensing device. The ink truck automatically stops after being touched, thus protecting the print head and printing materials.

Industry application and effect display

DTF effect

Use a UV printer to print on the crystal label A film, use a laminating machine to transfer the B film together at high temperature, and the crystal label can be formed.

The crystal label process is not limited by material or product shape, and can be pasted on various materials, such as wood, acrylic, ceramics, glass, metal, plastic, etc., and is widely used.

Frosted effect

Print colors directly on transparent/white materials to create a matte effect.

Product applications: cards, personalized gift lamps, customized glass sheets, transparent plastic cylinders, motorcycle glass displays, ceramic cups, etc.

Reverse varnish effect

By controlling the amount of light ink and the frequency of UV light, you can print a reverse varnish effect.

The reverse varnish effect can create a unique visual texture, which is widely used in advertising signs, packaging, gifts and other fields. With advanced technology, Nuocai UV printer controls ink jetting accurately and realizes the printing of reverse varnish effect easily.

Varnish embossing effect

Use a UV printer to print white ink on the surface of the material. After accumulating detailed unevenness, print colored ink varnish to achieve a relief and bright effect.

The embossed gloss effect is a unique advantage of UV printing that no other process can match. It is widely used in electronic products and peripherals, handicrafts, gifts, advertising, leather goods and other industries to enhance product texture and attractiveness.

Golden embossing effect

Golden embossing on the surface of the material, and use a laminating machine to transfer the hot stamping film to the material at high temperature to achieve the hot stamping effect.

Nowadays, the demand for personalized customization is rising, and the bronzing process is becoming more and more popular. Gift boxes, labels, cards, etc., are embellished with bronzing to enhance the style instantly and are favored by various industries.

360 degree rotation effect

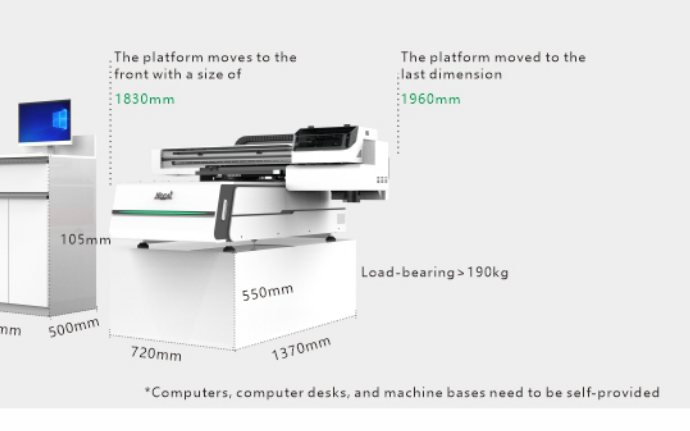
The cylinder jig can be used to print on cylinder products of various shapes to achieve 360-degree curved surface printing.

The 360-degree rotation effect shines in the world of personalization and can add a unique taste to any product. The products are used in thermos cups, mugs, glass lamps, cylindrical electronic products, etc. It satisfies consumers' pursuit of personalized and creative products greatly.

Scene requirements

Computer configuration requirements:

Operating system: Windows 7/8/10/11 (64 bits)
 CPU processor: recommended i5, i7 and above
 Memory: 16G or above recommended
 Monitor: Recommended resolution 1024*1280 or higher
 Hard disk type: 128G or above
 Graphics card: Motherboard integrated graphics or independent graphics card
 (4GB video memory or above)
 Network card: Gigabit network card 1000M



Product parameters

		NC-UV0609PEIII-II	
		Epson 11600-U1*3	Epson 13200-U1*3
Model number			
Printhead configuration			
Print head picture			
Nozzle spray force range		2-3mm	2-3mm
Number of nozzles		1600 (Individual)	3200 (Individual)
Distance between nozzles		1/300 inch	1/300 inch
Number of nozzle rows		4	8
Maximum number of supported ink colors		4	4
Droplet ejection performance (droplet volume and ejection frequency)	2 levels of grayscale 3 levels of grayscale	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		600*900mm	
Print height		0-180mm	
Print version		White,Color&Varnish	
Print mode		CMYK+W+V	
Resolution		720*900dpi / 720*1200dpi	
Printer dimension	L*W*H	1676mm*1627mm*693mm	
N.W.		187KG	
Packing size	L*W*H	1.83m*1.83m*0.91m	
G.W.		350KG	
Rip software		FlexiPRINT Mini/Server 22 Nocai Edition	
Print speed range		1.64-5.09 square/h	1.43-7.40 square/h
Graphic and text format		Tiff/Jpg/Pdf	
Connection method		Gigabit Ethernet cable	
voltage		AC220/110V, 50HZ/60HZ	
rated power		245W	
Working environment	Temperature	25°C-28°C	
	Humidity	35%-65%	
Operating conditions	Dust	Avoid dusty environments	
	Illumination	Avoid direct sunlight	
Ink type		Environmentally friendly UV curing ink	

Fixture (optional)

Electric cylinder fixture	
Support cylinder diameter	Φ30-120mm
Support cylinder length	40-430mm
Applicable materials	Spray paint cup, stainless steel, plastic, glass, ceramic, wood, acrylic, etc.
Round bottle printing speed	C+W (Round bottle mode does not support varnish printing) 3-20min/individual
Cylindrical fixture packaging dimensions	L*W*H 68*39*14cm
Cylindrical fixture packaging weight	12KG