AJ-9060X4 UV AI Visual Positioning
Digital Inkjet UV Flatbed Printer

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AJ-9060UV

3/4 Epson High Precision Original Printhead

Defines high-precision printing standards

Intelligent operation and versatility

Efficient & customized production industrial equipment

AIN AI Visual Positioning Digital Inkjet UV Flatbed Printer

New flatbed structure design
The horizontal printing width is 90cm,
and the printing area is 900mmX600mm.

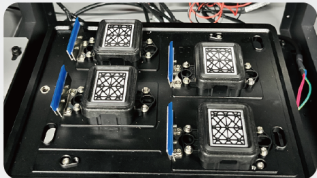**Multiple printing modes available**
Using high-precision, durable original printheads,
equipped with EPSON I1600-U1*1, I3200-U1HD*1,
3/4 head configurations are optional

Integrated AI visual scanning
Equipped with 1200DPI AI visual positioning system,
it supports grayscale scanning.

High-precision vacuum adsorption platform
Made of high-strength aluminum alloy, with turbo fan adsorption,
can ensure that the material is flat and does not deviate,
supports the printing of 0-180mm products

Intelligent integrated LCD control
Adopting integrated LCD control panel, with one-button
operation process, more intelligent equipment operation,
convenient and easy.

Intelligent maintenance components
Automatic moisturizing and cleaning components,
equipped with automatic moisturizing function for
he printheads, support regular cleaning, can reduce
the risk of heads clogging and ensure continuous
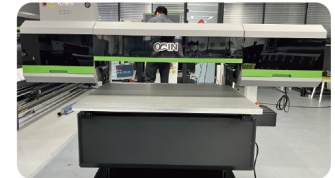and stable operation of the equipment.

Independent flash spray slot structure
Automatic flash spray before printing can better improve
the speed and accuracy of printing, and the independent
design structure is more convenient.

Stable and long-lasting ink supply system
Combined with siphon continuous ink supply, positive pressure
ink damper and white ink timed stirring function, it can reduce
ink blockage and long-lasting output. With the ink shortage
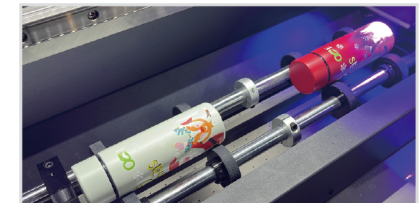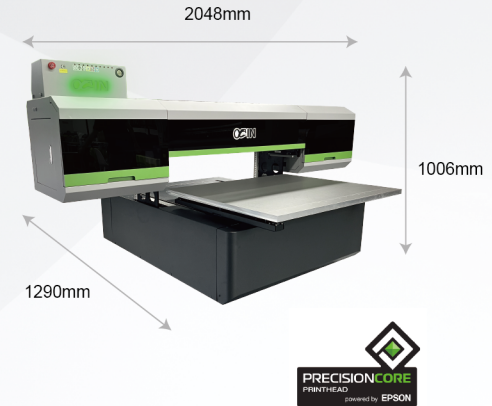alarm function, it can monitor the ink supply situation in real time.

Strong and stable integrated frame structure
The high-strength integrated material structure makes the overall
performance more stable and provides long-term and stable output.
The full-coverage mask not only improves operational safety,
but also reduces dust adhesion during printing, ensuring
high-quality printing output.

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Product parameters

Model		AJ-9060X3 UV	AJ-9060X4 UV	AJ-9060X4 UV
Print Head	Type	EPSON I1600-U1*1(W) EPSON I3200-U1HD*1(C) EPSON I1600-U1*1(V)	EPSON I1600-U1*2(W) EPSON I3200-U1HD*1(C) EPSON I1600-U1*1(V)	EPSON I1600-U1*1(W) EPSON I3200-U1HD*1(C) EPSON I1600-U1*1(V) EPSON I1600-U1*1(Pr)
	Quantity	3PCS	4PCS	4PCS
	Ink dot size	3.5pl		
Print speed		Finish printing an A2 sheet in 3 mins		
Ink	Type Color Ink supply method	LED UV W, color and V are all available Syphon ink supply	Coating, W, color, V all available	Color, W, color, V are all available
Printing Size		900*600mm		
Positioning System		CIS Linear Camera		
Moisturizing Structure		Fully automatic lifting moisturizing component		
RIP Soft		Support Riin, Maintop6.0, photoprint, ONYX and other software		
Computer Configuration	Operating System	Windows11		
	Hardware Requirements	CPU: Intel Core i9-12900K (boxed to ensure quality) Motherboard: brand motherboard (Gigabyte, Asus, etc.) Memory: Kingston) 128GB DDR43600 (32G*4) Hard disk: 1TB solid state drive M.2 NVMe 3500MB/s6		
	Transmission Interface	Network Port		
Power Requirements	Input Voltage	220V ±5 %，16A，50Hz ±1		
Optional Components		Cylinder Components		
Machine Dimensions		2048*1290*1006		
Machine Weight		Rack Weight : 2250*1550*1122 Packaging Weight : Gross weight 356.5Kg / Net weight: 201.5Kg		

2048mm

1006mm

1290mm

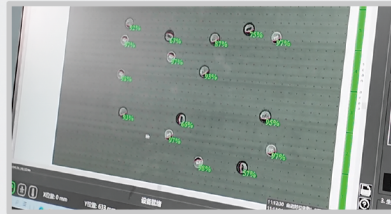PRECISIONCORE PRINTHEAD powered by EPSON

● **Printer designed for customizations**

The electric cylinder fixture supports 360 ° rotation printing.
With cylinder fixture installed on the flatbed,
can print media up to 180mm height.

Unique UV Application Solutions

CCD Visual Positioning

Unlike ordinary flatbed UV printers, it doesn't require manual alignment. Users can place items randomly on the printing area, which saves a substantial amount of time and boosts efficiency. This feature revolutionizes traditional processes such as silk - screening, spray - painting, and decal application. It is more environmentally friendly, reduces costs, and simplifies the production process.

2.5D Texture UV Flatbed Printing Solution

● Rich Three-Dimensional Effect: The UV flatbed printing technology combined with 2.5D texture can simulate various tactile and visual textures (such as leather grain, fabric, natural stone, etc.), making the pattern more layered and three-dimensional. Compared to traditional two-dimensional printing, it significantly enhances the sense of reality and visual impact.

● Multi-Material Adaptability: It can directly print on materials such as metal, glass, ceramics, wood, and plastic, expanding design freedom

● Craft Flexibility: Supports a variety of post-processing techniques such as matte, glossy, embossing, and hot stamping, enabling customized combinations to achieve unique artistic effects.

● 2.5D texture UV flatbed technology stands out for its high precision, multi-material adaptability, and rich tactile effects, widely used in Braille and Signage、Luxury Packaging and Labels、Custom Product Personalization、Interior Décor and Art Reproduction、Prototypes and Branding Samples ect .

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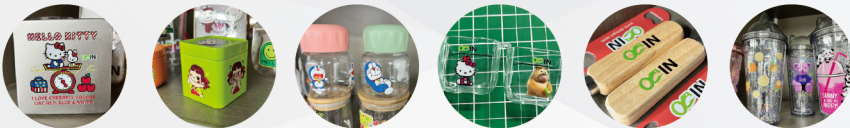## Wide range of UV Flatbed Printer

High-precision badge and sign application

Award coins and medals: can accurately position and print on metal award coins and medals, ensuring printing quality and detail. With the help of visual positioning, the text and pattern can be accurately positioned. It supports a variety of materials such as metal, PVC, acrylic, etc., and can meet the needs of different scenarios such as industrial logos, commercial signs, and personalized badges.

Customized applications for flatbed products etc.

Most materials can be printed: plastic, glass, ceramics, paper, paperboard, metal, leather and so on. Such as pen, notebook, phone case, mouse,vase, bottle, can, mug, packing box, purse,pad, USB flash disk, electric appliance, suitcase, key ring and other different size products.

Application of label film (UV DTF)

The combination of UV printing and DTF technology can create a 3D effect on the printed images, adding a sense of depth and texture. Wide Application Range:UVDTF Crystal Labels can be applied to a variety of hard, smooth surfaces, such as glass, metal, acrylic, wood, plastic, ceramic, and more.

Application of cylinder

Cylindrical digital printing is widely used in the packaging industry for printing on cylindrical containers, such as bottles, cans, and tubes. This allows for the creation of eye-catching and informative packaging that enhances product appeal. Standard cylindrical printing mold : easily cope with the printing needs of various shapes to meet diversifed creativity.

Multifunctional AJ-9060X4 UV Flatbed Printer

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