OCAIN

UV FLATBED PRINTER

Al Visual Positioning

- CCD Visual Positioning
- Intelligent operation and versatility
- Efficient & customized production industrial equipment
- Multifunctional Application

AJ-9060X4

3/4 Epson High Precision Original Printhead

Source Of Digital Solutions

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in The Kingdom of Saudi Arabia, we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

OCIN
UV Flatbed Printer

General Information & Highlights

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 Decor and Art Reproduction, Prototypes and Branding Samples etc., .

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.

Multiple Printing Modes Available

Using high-precision, durable original printheads, equipped with EPSON I1600-UI*I, I3200-UI HD*I, 3/4 head configurations are optional

New flatbed structure design

The horizontal printing width is 90cm, and the printing area is 900mmX600mm

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.

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.

OZIN

UV Flatbed
Printer

Application Field

High-precision badge and sign application

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

Application of cylindrical

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.

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, USS fiash 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, addinga 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.

Product Specifications

MACHINE MODEL		AJ-9060X3 UV	AJ-9060X4 UV	AJ-9060X4 UV
Print Head	Type	EPSON I1600-U 1 *1 (W)	EPSON I1600-U1*2(W)	EPSON I1600-U1*1(W)
		EPSON I3200-U1 HD*1 (C)	EPSON I3200-U1 HD*1 (C)	EPSON I3200-U1HD*1(C)
		EPSON I1600-U 1 *1 (V)	EPSON I1600-U1*1(V)	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	LED UV		
	Color	W, Color, V	Coating, W, Color, V	Color, W, Color, V
	Ink supply	Syphon ink supply		
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		
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		
Operating System*		Windows11 or Later		
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		

*Specifications, Machinie Body and Color are subject to change without prior notice, all rights reserved.

Terms and Conditions

01. Payment to be made in SAR currency.

02. Payment Terms : As mentioned in Quotation.

03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.

04. Any charges, duties, taxes or levies at the ports of entry will be to our account.

05. The charges of loading, boarding and local conveyance of the technician will be to our account.

06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.

07. Digital Star Machinery Company will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.

08. Warranty will be applicable as per our Warranty Policies. The Warranty will be valid after signing of Warranty Policies.

09. Service will be free of cost within 12 months from the date of installation.

10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.

11. Delivery: As mentioned in quotation