

# ECO-SOLVENT PRINTER

## ORIC

### UV FLATBED PRINTER

With Epson Print Head

- 4 Colors + White & Varnish .
- High Performance Inks.
- Print Varnish & 3D Relief Effects.
- Good Adhesion on Curved, or Rugged Surface.



**OR-6090 UV**  
600\*900mm

*Authorized Distributor:*

**شركة النجم الرقمي للألات و المعدات**  
**DIGITAL STAR MACHINERY AND EQUIPMENTS**

# 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 Riyadh – Saudi Arabia (KSA), 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.

UV - FLATBED  
PRINTER



UV - Flatbed  
Printer

## General Information & Highlights

The charming 6090 UV multi-functional flatbed printer can be used for not only sheet fed but also objects with non-flat surfaces, such as glass bottles, water cups, personalized mobile phone cases, gifts, promotional souvenirs, etc. Suitable for printing on: flat or cylindrical objects such as mobile phone case, metal, acrylic, plastic, PVC, glass, ceramics, wood, leather, etc

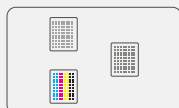
### Special UV DTF Printing Solution:

UV DTF PRINTER With the rapid development of science and technology, people have shown unprecedented progress in the processing and presentation of image patterns. In order to meet the personalized demands of users and meet the needs of designers, UV flatbed printer has emerged as the times require, and its patterns are realistic and layered. The advantages of richness, high artistry, and strong stereoscopic effect make UV flatbed printer the first choice for hot image output.

### Applications:

Pencil sets, industrial and packaging applications, signs, display props, personality photos, photo frame production, crystal image products, handmade gifts, souvenirs, lighters, coasters, mobile phone case personalized products, U disk, keychain, ashtray, brooch, lunch box, belt, wallet, money clip, insole, personalized sports shoes, etc.

Equipped with  
3 Print Heads



OR-6090 UV (EPSON I3200-U1X3)

CMYK+W+V -6 Pass

4.5m<sup>2</sup>/h

**NEW**

OR-6090 UV

## Feature of UV DTF Flatbed Printer

- **4 Colors + White & Varnish Are More Expressive.**

Equipped with 6 ink tanks, 4 colors of ink can be installed. It can finish exquisite shading with high precision. In addition, using white ink and clear varnish, it has rich expressive power and fulfills various needs.

- **Print Varnish And 3D Relief Effects.**

The heads of white color varnish ink jet at the same time, which can produce D relief and multi-layer transparent bump effect, including amazing varnish glossy effect and matte finish

- **High-Performance Inks For A Variety Of Applications.**

It is an eco-friendly UV ink with excellent color development and color reproducibility. It is cured by ultraviolet radiation. In addition to bright colors and style, it also has strong adhesion.

ORIC UV INK



## Technical Characteristics

- OR-6090 UV is equipped with 3 original Epson I3200-U I print heads Printing size 600 mm (X)x900 mm (Y)
- 15mm long distance injection, breakthrough to achieve curved, convex and irregular surface inkjet printing patterns.
- Printing height: 1 -150 mm.
- Printable flat material, variable application scheme.
- **Printable cylindrical material (optional component).**
- **4 Colors + White & Varnish Are More Expressive**

Equipped with 6 ink tanks, 4 colors of ink can be installed. It can finish exquisite shading with high precision. In addition, using white ink and clear varnish, it has rich expressive power and fulfills various needs.

- **High-Performance Inks For A Variety Of Applications**

It is an eco-friendly UV ink with excellent color development and color reproducibility. It is cured by ultraviolet radiation. In addition to bright colors and style, it also has strong adhesion.

- **Printer designed for customizations**

The electric cylinder fixture supports 360 ° rotation printing. With cylinder fixture installed on the flatbed, OR-6042UVA can print media up to 160mm height.

- **Print Varnish And 3D Relief Effects**

The heads of white color varnish ink jet at the same time, which can produce D relief and multi-layer transparent bump effect, including amazing varnish glossy effect and matte finish.

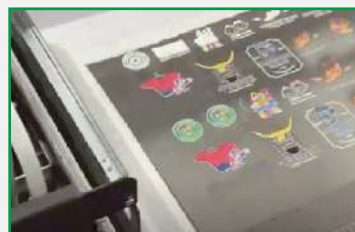
## UV DTF PRODUCTION PROCESS

### 1. Software Processes Design



Use photoshop, illustrator, or other software to complete your designs and save them in printable mode.

### 2. Print PET Materials



First, choose the material to print directly with the printing equipment, according to the required printing mode can be white, color and varnish.

### 3. Transfer Film



After printing, use special laminating equipment for film pressing.

### 4. Hot Melt Film



Cut out the desired pattern, stick it on the prepared material, slowly press the pattern repeatedly, and tear the surface film to finish.

# PRODUCT SAMPLES



Ceramics



Glass



PVC



Stainless Steel



Metal



Wood



Acrylic



Leather



Silicone



# Product Specifications

MACHINE MODEL		OR-6090 UV	
Print Head		Piezoelectric Inkjet	
Printing Technology		Three i3200-U1 Print Heads	Three ii600-U1 Print Heads
Acceptable Media	Width	≤600(mm)	
	Thickness	≤180 (mm)	
Printing Width		600*900(mm)	
Ink Cartridges	Capacity	Color Siphon + Regular Mixing of White Ink	
	Color	CMYK / W+CMYK / CMYK+V / W+CMYK+V	
Printing Resolution		Maximum 2400 dpi	
Speed		CMYK+W+V - 6pass: 4.5sqm/h	
Ink Curing Method		Dual UV LED Lights	
Power		3000W	
Interface		Gigabit Ethernet	
Power Supply		AC 220V ± 5%, 16A 50HZ ±1	
Dimensions(with stand)		2986mm(W)*2450(D)mm*1385mm(H)	
Weight(with stand)		300kg	
Environment		<b>Power On:</b> Temperature: 59°F to 90°F [15°C to 32°C]	
		Humidity: 35 to 80% (no condensation)	
		<b>Power Off:</b> Temperature: 41°F to 104°F [5°C to 40°C]	
		Humidity: 20 to 80% (no condensation)	

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

## SYSTEM REQUIREMENTS (PC's)

Refer to the appropriate section below for the minimum and recommended computer system requirements necessary to use this printer.

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

\* Note: You can use a laptop or desktop computer

\* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

## POWER REQUIREMENTS (PC's)

Voltage Regulator	5000W Stabilizer
-------------------	------------------



UV - Flatbed  
Printer



## 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 and Equipments 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

## شركة النجم الرقمي للألات و المعدات DIGITAL STAR MACHINERY AND EQUIPMENTS

IBN AL SAQA 8162 | AS SALHIYAH DIST | RIYADH - 12662



+966 11 229 4473



info@digitalstarksa.com



+966 11 229 4473



www.digitalstarksa.com