

# ECO-SOLVENT PRINTER



## UV ROLL-TO-ROLL PRINTER

With Epson I3200-U1x3/4 Head

- 3 Layer Printing
- High Performance Inks.
- 1.5L Ink Supply System
- Color white color ScrubGild LED-UV



**OR-3204E UV**  
AD FACTORY PREFERRED

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.



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Printer



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# General Information & Highlights

One machine for multiple printing solutions under different color modes.can meet requirements from different customers .It can also replace some high-end ecosolvent printers which can be efficient and environmental friendly.

## 3 Layers printing the output is more delicate

Third Layer

The Color Layer First Caught in Eyes

Second Layer

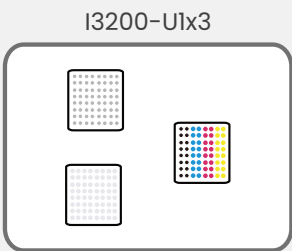
White Layer that Brightness the Color Ink

First Layer

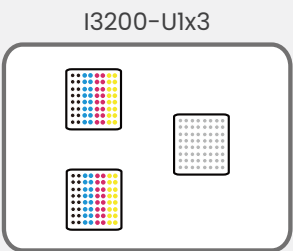
The Color Layer that emerges when Lighted



With the interior light on, this three layers printing technology 'Color + White +Color" , can achive the magi- cally changing effect of the patterns from backlight.The ability of switching the patterns through day and night, external and interiorfully reflecting the performance techniques used in new advertising era, thusin- creasing the added value of your advertising.



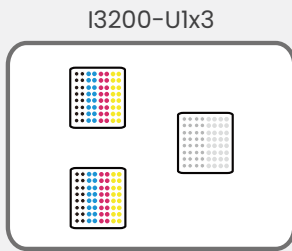
W+CMYK+Scrub



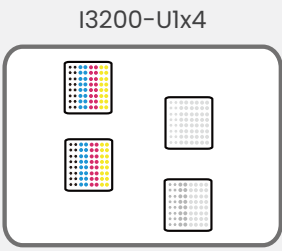
CMYK+W+CMYK



Transparent Sticker Decoration Effect



CMYK+ W+ Scrub + CMYK



CMYK+W+CMYK+V+V



Contrast effect before and after Lighting

CMYK+ W+ CMYK+W / W+CMYK+Scrub

720 X 900 DPI	12 sqm/h
720 X 1200 DPI	8 sqm/h

CMYK (3xEpsonI3200-U1) :

720 X 900 DPI	21 sqm/h
720 X 1200 DPI	12 sqm/h

CMYK+W+Scrub+CMYK(3xEpsonI3200-U1):

720 X 900 DPI	8 sqm/h
720 X 1200 DPI	4 sqm/h

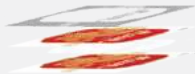
4xEpsonI3200-U1 (CMYK+W+CMYK / CMYK+W+CMYK +V1 / CMYK+W+CMYK +V / CMYK+W+CMYK +V+V1)

720 X 900 DPI	12 sqm/h
720 X 1200 DPI	8 sqm/h

3-5 Layers printing layering technology is used for one-time molding in multiple schemes.



Color+ White+Color



Color+ White+Color+ V



Color+White+Color+V1



Color+White+Color+ V + V1

Color white color+ hollow, bronzing, frosting and other multiple schemes can be combined, which can achieve color white color+ hollow, color+ hollow+ bronzing, color white color+ hollow+ frosting, color white color+ bronzing + frosting, color white color+ hollow + bronzing + frosting and other effects, which can be printed and molded at one time through OR-3204EUV. Meet the needs of more customers for the application of the ultra-transparent glass sticker scheme, reflect the new advertising performance method, and improve the added value of advertising.



1.5L Ink Supply System



High quality THK Silent Guide Rail



Ink Stack Moisturizing



Automatic winding device



High quality DC servo motor with good stability and long service life



Adding bottom plate head heating to the car effectively improves printing stability





## Print Samples



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# Product Specifications

MACHINE MODEL		OR-3204E UV
Print Head		4 EpsonI3200-U1 Print Heads
Printing Technology		Piezoelectric Inkjet
Acceptable Media	Width	3220 mm
	Thickness	1 mm
	Weight	80Kg
Printing Width		3200 mm
Ink Cartridges	Type	UV Ink
	Supply	Continual Ink Supply System ( 1.5L ink tank )
	Color	CMYK / CMYK+W / CMYK+W+CMYK / Scrub / Gild
Printing Resolution		Maximum 2400 dpi
Ink Curing Method		Water Cooling UV lamp
Interface		LAN
Power Supply		AC 220V±10%, 16A, 50/60 HZ 6500W
RIP		Riprint UV
Machine size		4610 x 980 x 1560 mm
Machine weight		700 kg
		Power on: Temperature:59F to 90F [15't to 32't] (68 F [20C])/
Environment	Humidity: 35 to 80% (no condensation)	
	Power Off: Temperature:41F to 104 F [5't to 40't]/	
	Humidity: 20 to 80% (no condensation)	
Accessories		USB cable, media clamp, manual, drain bottle, ink cartridges, RIP software, etc.

\*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
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## 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

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