

# UV DTF ROLL-TO-ROLL

## TO-ROLL

# ORIC

## UV DTF ROLL-TO-ROLL

AB Film Roll-to-Roll Printing

- *UV Direct Print Effect.*
- *No Heating Process Required.*
- *No Drying Process Required.*
- *Good Adhesion on Curved or Rugged Surface.*



**OR-620 UV PRO**  
600mm

*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-DTF ROLL-TO-ROLL PRINTER



UV - DTF  
Roll-to-Roll Printer



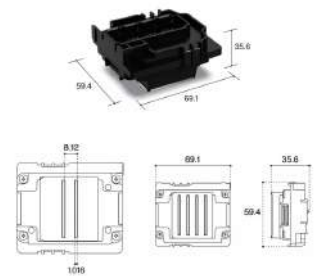
## General Information & Highlights

### Customized Crystal Signage Solution:

- The digital revolutionary technology can produce crystal label by directly pasting to the material surface after printing conveniently without pretreatment.
- Scratch-resistant and durable.
- Strong adhesion to most surfaces.
- Bright color, good quality of finished products, beyond your imagination.
- Waterproof, lightfast and dirt-free.
- Applicable to hard, flat or curved surfaces.
- It can transfer different coatings of backing paper materials to achieve hot stamping, hot silver and colorful effects.

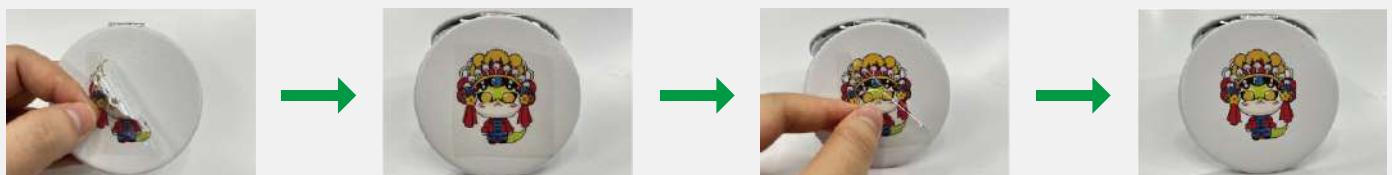
### Epson Inkjet Head - i3200-U1

Precision Core Technology a. MEMS manufacturing and thin film piezo elements can realize high precision and high density (600 npi/2 of nozzles). Contributes to compact, high speed, high quality and high image quality. Precision made of EPSON unique MEMS nozzles and an ink flow ensure the perfectly round ink droplet are placed accurately and consistently.



## UV DTF PRODUCTION PROCESS

- Use scissors to cut the printed image.
- Separate the magic film-A and B apart.
- Stick the image part onto the desired surface ,and press gently to remove air bubbles.
- Quickly tear magic film-B off for keeping the images on the desired surface.
- Colorful, three-dimensional, waterproof, wear-resistant, scratch-resistant.



Separate the Film A-and B apart

Stick the Transfer Film

Tear off the Transfer Film

Done

Three I3200-U1 Print Heads Speed (i1600 Optional)

720 x 1200dpi - 8pass

5.5m<sup>2</sup>/h

ORIC UV INK

C M Y K + W + Varnish

# PRODUCT SAMPLES



Ceramics



Glass



PVC



Stainless Steel



Metal



Wood



Acrylic



Leather



Silicone



# Product Specifications

MACHINE MODEL		OR-620 UV PRO
Print Head		Three Epson I3200-U1 Print Heads(i1600-U1 Optional)
Printing Technology		Piezoelectric Inkjet
Acceptable Media	Width	≤600(mm)
	Thickness	≤1.5 (mm)
Printing Resolution		Maximum 2400 dpi
Ink Cartridges	Capacity	Color Siphon + White ink Auto Stirring
	Color	CMYK + W + Varnish
Ink Curing Method		Dual UV LED Lights
Speed		8pass (720x1200dpi) 5.5m <sup>2</sup> /h
Power		3500w
Interface		Gigabit Ethernet
Power Supply		AC 220V ± 10%, 50/60 HZ
Dimensions(with stand)		1670*900*161(mm)
Packing Dimensions		1900*910*800(mm)    2380*910*800(mm)(with water box)
Weight(with stand)		200kg
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
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Roll-to-Roll 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

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