



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.



AJ-600 PRO
600mm

Authorized Distributor:

شركة ديجيتال ستار
DIGITAL STAR COMPANY

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.

OEIN

UV - DTF
Roll-to-Roll Printer



General Information & Highlights

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 Glossy 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.

UV DTF PRINTING SOLUTION

UV DTF printing is especially suitable for transferring UV ink to special shapes and materials that are not suitable for direct printing by UV ink. UV DTF Make you more easy to entry label market.

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AIN UV DTF INKS

All our UV DTF inks are specially developed and test to ensure vivid colors and maximum fastness

- Scratch resistant
- Vivid colors



C M Y K + W + Varnish

AIN UV DTF supports wide range of printing supplies

Direct to film comprehensive solution is a new technology of the digital revolution, The biggest advantage of this new technology is that after printing, it can be directly attached to the substrate to be transferred without other processing.

Four I3200-U1 Print Heads Speed (i1600 Optional)

720 x 1200dpi - 8pass

7m²/h

AIN UV INK

C M Y K + W + Varnish

PRODUCT SAMPLES



Ceramics



Glass



PVC



Stainless Steel



Metal



Wood



Acrylic



Leather



Silicone



Product Specifications

MACHINE MODEL		AJ-600 PRO
Print Head		3/4*11600 Print Heads (4*13200 Heads 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	W+CMYK+Varnish
Ink Curing Method		Dual UV LED Lights
Speed		8pass (720x1200dpi) 7m ² /h
Power		3500w
Interface		Gigabit Ethernet
Power Supply		AC 220V ± 10%, 50/60 HZ
Dimensions(with stand)		1650(W)x960(D)x1570(H)mm
Packing Dimensions		2360(W)x880(D)x760(H)mm
Weight(with stand)		441 lb. (200 kg)
Environment		Power On: Temperature: 59°F to 90°F [15°C to 32°C]
		Humidity: 35 to 80% (no condensation)
		Power Off: 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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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

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

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