OAIN

HYBRID UV DTF

UV Crystal Label Printer

- Scratch-resistant and durable
- Strong adhesion to most surfaces
- Printing and Stamping Discharging Machine
- CMYK+W+V+Golden Varnish

AJ-600EX
600mm

UV-DTF ROLL TO-ROLL PRINTER

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 - DTF
Roll-to-Roll Printer

General Information & Highlights

The charming AIN multifunctional UV DTF printer can be used not only for printing of flat items, but also for non-flat objects, such as glass bottles, water cups, gifts of the opposite sex, promotional souvenirs, etc. Suitable for surface decoration of various materials such as plastic, glass, wood, metal ect

Humanized Design

AIN series is created for anyone within the printing industry Be it beginner or expert AIN series will accommodate any needs required by its owner. From super easy start up to the state of the art RIP software, with AINKJET UV DTF printer anyone can create outstanding print jobs with minimal effort

HIGH OUALITY UV AND VARNISH INK

AIN UV inks are specially developed to ensure vivid colors and maximum fastness on wide range of all kinds materials. Varnish printing application presents more personalized solution requirements

RELIABLE UV PRINTING SOLUTION

Every component in AIN UV printer is designed to last

-High precision timing components on demand piezzo print head

-Durable ink components

-Sturdy exterior

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 |

Four I3200-U1 Print Heads Speed (i1600 Optional)

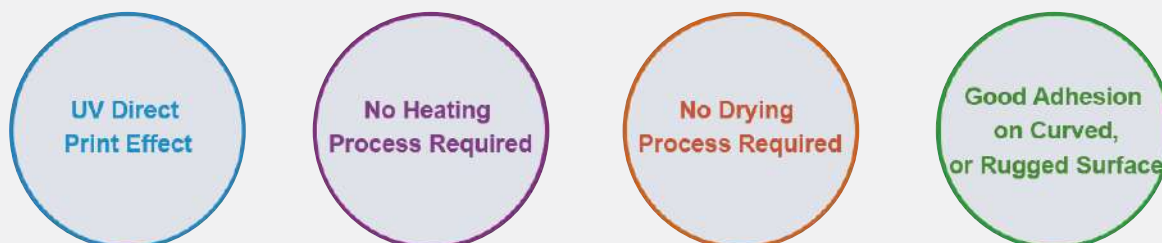| 720 x 1200dpi - 8pass | 7m²/h |

AIN UV INK

C M Y K + W + Varnish

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.

UV DTF PRINTING SOLUTION

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

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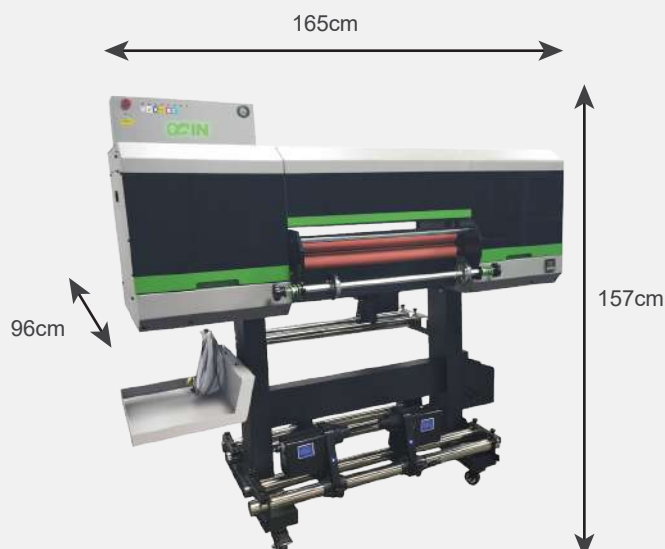- **Good Adhesion on Curved, or Rugged Surface**

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

C M Y K FO FG FY FM W + Varnish

165cm

96cm

157cm

1192mm

932mm   1130mm

PRODUCT SAMPLES

Product Specifications

MACHINE MODEL		AJ-600EX
Print Head		3/4*I1600 Print Heads (4*I3200 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	CMYK + W + Varnish/CMYK+W+FO FG FY FM+Varnish
Ink Curing Method		Dual UV LED Lights
Speed		8pass (720x1200dpi) 7m²/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℃ to 32℃]
		Humidity: 35 to 80% (no condensation)
		Power Off: Temperature: 41°F to 104°F[5℃ to 40℃]
		Humidity: 20 to 80% (no condensation)

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

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Printing and Stamping Discharging Machine

MODEL NUMBER	60 MAX
Nominal Voltage	110V / 220V
Power	90W
Heating Power	1500W
Frequency Respons	50HZ-60HZ
Operating Temperature	10°C - 120°C
Scope of Suitable Film Thickness	10-250μm
Warm-up Time	0-10min
Laminating Width	800mm
Laminating Speed	0-35m/min
Speed Gear Controling	Variabe
Maximum roll film OD	200mm
The Diameter Specification	3in
The Rasie Height of Roller	30mm
Method of Pressure	Pneumatic
Automatically Uncovering Film and Rolling BodyPaper Equipment	Motor
Foot-Propelled Switch	Yes
Diameter of Roller	80mm
Product Size	1130*932*1192 (mm)

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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 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