

UV PRINTER

AIN

## CYLINDER UV PRINTER

Industrial GradeColor

- 360 degree spiral print
- One-step printing with white varnish
- Support free color combination of white varnish
- Even-Axis servo/Stepper



**AJ-360C**  
Max.300mm(L)

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.



**UV IN**

UV CYLINDER PRINTER



## General Information & Highlights

### 360 DEGREE SPIRAL PRINT

This device uses the latest 360-degree helix printing algorithm. Under the same printing conditions, the algorithm can improve the printing efficiency by 300% in the traditional printing algorithm, taking only 15 seconds to print a cylinder product (diameter 60mm, length 200mm), because of the principle of spiral printing, the printing quality is also greatly improved, and can achieve 100% seamless printing.

### ONE-STEP PRINTING WITH WHITE VARNISH

This device uses a unique printing control algorithm, which can print white color light oil molding at one time, and dry immediately after printing, eliminating the steps and time of curing and reprocessing.

### SUPPORT FREE COLOR COMBINATION OF WHITE VARNISH

This device supports free color combinations such as [white only] [color] [varnish] [white + color] [color + varnish] [white + varnish] [color + white + color + varnish] [white + white + color] [white + white + color + varnish], etc., which can meet various personalized printing needs. Easy to set up and easy to use.

### EVEN-AXIS SERVO/STEPPER

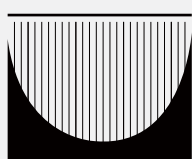
This device uses up to 7 motion axes (servo/motion), which can easily complete functions such as loading, printing, unloading, cleaning, and loading adjustment, greatly simplifying the operation of the device.

### APPLICATION

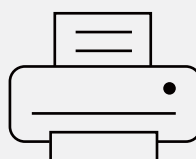
AJ-360C is a specially designed and developed industrial-grade color UV inkjet printer for cylinders/cones, which is widely used in vacuum flasks, cups, cosmetic packaging bottles, wine bottles, aluminum cans, and other industrial and daily cylindrical/conical packaging.



Vivid printing photo quality



High drop distance printing



Print color, white & varnish at once



For both cylinder and conical bottle printing

# Product Specifications

MACHINE MODEL	AJ-360C
Print Head	4pcs Ricoh G6
Media	About 1kg
Application	Various opaque cylinder materials
Printing width and length	Max.300mm(L)
Print diameter	40-180mm
Color	6 color(Cyan,Magenta,Yellow,Black,White,Varnish)
Printer mode	CMYK+W+V
Print resolution(dpi)	MAX.2400dpi
Printing speed	Color: 15s D:60mm L:200mm
	Color+W: 30s D:60mm L:200mm
	Color+W+V: 45s D:60mm L:200mm
File format	AI,PS,TIF,JPG,EPS,PDF
Distance accuracy	Less than 0.3mm
Connectivity	USB 3.0
Power requirments	AC220+10,50HZ-60HZ
Dimensions	1409mm(L)*819mm(W)*1894mm(H)
Weight	420kg
Environment	Power on: Temperature 20°C-28°C, humidity35%-65%RH
	Power off: Temperature 20°C-28°C, humidity35%-65%RH

\*Specifications are subject to change without prior notice, all rights reserved.

## OPTIONAL

INK TYPE	UV INK
COLOR	CYAN,MAGENTA,YELLOW,BLACK,WHITE,VARNISH
CAPACITY	500ML, 1000ML
UV CLEANING LIQUID	1000ML CL

## Product Samples



### 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
-------------------	------------------

## 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 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

شركة ديجيتال ستار  
DIGITAL STAR COMPANY



+966 11 229 4473



info@digitalstarksa.com



+966 11 229 4473



www.digitalstarksa.com