





### artis 5000U, A2+ LED UV HIGH PRODUCTION PLATFORM

EXPAND YOUR BUSINESS, PRINT BIG  
AND UP TO 25 CM (9.84 in) HEIGHT

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CMYK+WWWW /  
CMYK+WW+V V Ink System
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Up to 5760 \*1440 dpi
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A2+, 51\*71 cm (20.07\*27.95 in)
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3D Embossed printing

**Spot Varnish printing** availability for glossy and diamond effects

Print bigger and 2X faster

**ROT 360 degrees rotary technology** on demand for bottle and cylindrical items printing with full spin and seamlessly jointed prints

**Direct printing** on dark and transparent materials

**Textured and embossed** large format photo realistic printing

Optimal for printing on both **rigid and flexible substrates**

Ideal for printing signage, packaging, decoration (wood printing, ceramics, glass, plastics, aluminum, etc...), bottle & cylindrical printing, posters, promotional items to more

### ★ Upscaled Features

**Unique lateral loading** architecture

Optimal cost saving with the **Cartridges Continuous Ink Supply System**

**Feathered printing** rendering mode

**Automatic error checking** on boot with error reporting

Printhead height **self adjustment** and simplified operation and maintenance

Extended printhead life time with the **flash on ink firing technology**

**Interlaced curing system**

**Built in liquid cooling control system**

Versatile printing with the **LED UV power level adjustment**

**Y axis servo motor** for increased printing quality

### 🖨 Applications



Spot Varnish media



Leather cosmetics bag



Bottles & Cylindrical items



CD & Vinyl Records



Awards and Trophies



25 CM HEIGHT UPGRADE & VERSATILE ON DEMAND CUSTOMIZATION



## Printing specification

<b>Print speed</b>	5 minutes for Full 51 * 70CM @ 720*720 DPI
<b>Printing technology</b>	UV LED (Built in water cooling)
<b>Ink</b>	artisink DTS3 cartridges (CMYK+WWW / CMYK+WW+V V)
<b>Media</b>	<b>Applications</b> Signage, packaging, decoration (wood printing, ceramics, glass, plastics, aluminum...etc...), posters, promotional items, bottle & cylindrical printing
	<b>Media Size</b> 510 x 710 mm (20.07 x 27.95 in)
	<b>Height</b> up to 25 cm (9.84 in) on demand customization
	<b>Rotary Print</b> On Demand artisJet ROT 360 degrees device
<b>Printing</b>	<b>Printing modes</b> 4 pass 8 pass 16 pass
	<b>Print Resolution</b> Up to 5760 x 1440 dpi
	<b>Print Head</b> On demand Epson DX5 piezo electric printhead. Made in Japan

## Printer specification

<b>Connectivity</b>	<b>Nozzles</b> Variable dot size printing technology, starting from 1.5 pl and up to 21pl
	<b>Ports</b> USB 2.0
	<b>Operating systems</b> Windows
<b>Dimensions</b>	<b>Depth x Width x Height</b> Printer 790 x 970 x 540 mm (31.10 x 38.18 x 21.25 in) Shipping 1100 x 1230 x 760 mm (43.30 x 48.42 x 29.92 in)
<b>Weight</b>	Printer 180Kg, Shipping 210 Kg
<b>Content of the box</b>	artis 5000 U, USB cable, Power cable, User manual book, spare parts package, Driver CD, Ink Chips, Ink tunnels, SCM Cable, Power fuse, RIP Software, Extra back-up Damper
<b>Environmental ranges</b>	10 - 35 °
<b>Power consumption and requirements</b>	AC100V~240V±10% 0.5kVA
<b>Certification</b>	CE / FCC / RoHS / REACH certified
<b>Warranty</b>	Two years warranty

## Printer

### Ink Cartridges

DTS3 - 150-001	Cyan UV LED Ink DTS3, 150ml
DTS3 - 150-002	Magenta UV LED Ink DTS3, 150ml
DTS3 - 150-003	Yellow UV LED Ink DTS3, 150ml
DTS3 - 150-004	Black UV LED Ink DTS3, 150ml
DTS3 - 150-005	White UV LED Ink DTS3, 150ml
DTS3 - 150-006	White UV LED Ink DTS3, 150ml
DTS3 - 150-007	Varnish UV LED Ink DTS3, 150ml
DTS3 - 150-008	Varnish UV LED Ink DTS3, 150ml

### Cleaning agent

AJCA-U-500-001 Cleaning agent for LED UV inks, 500 ml

### Fixing agent

AJCP-U-500-001 Fixing agent A/B liquids for UV LED inks, 500ml

## ECO

Go green with artisJet's DTS3 UV inks. Print toxin free and virtually odorless. DTS3 UV inks are environmentally friendly. UV inks are cured and fixed to the substrate when being activated with UV light. The curing process hardens the ink, without any evaporation. Ideal for general industrial use, restaurants, hotels, hospitals and indoor signage application.

## artisRIP Software

Specifically designed for artisJet's UV direct to print systems, ARTISRIP offers a simple and user friendly intuitive interface.

ArtisRip main features are:

### Layout platform

- Layout editing platform, resize, mirror, text, color adjustment
- Color gamut check
- Raster and vector images support
- Built-in customizable print templates for printing pens, phone covers, lighters, wood cases, etc...
- Previewing and smart nesting

### Print Engine

- Vivid color reproduction
- Simultaneous printing to multiple print devices
- Simultaneous White and CMYK printing
  - Color then White print mode
  - White then color print mode
- Support for jpg, tif, bmp, png, ai and pdf image files
- Color management engine base with ICC profiles support
- Individual ink channel adjustment
- Automatic white ink trapping
- Feathering rendering mode (eliminates banding, enhances color transitions)
- Direct printing from common graphic software.(CorelDraw, Photoshop, Autocad...)

## Core technology highlight

### Flash On Ink Firing System

Intelligently powered by ArtisPrinters FOIF system, the artis 5000U printer electronically activates the UV LEDs when firing ink only. As a result the life time of the printhead and the UV LEDs is maximized. FOIF also protects the entire ink system.

### Cartridges Continuous Ink Supply System

This system allows for 100% utilization of available ink. Refillable ink systems for economical printing.

### Control On Demand System

Designed for an enhanced flexibility and simplicity, artisJet COD digitally controls the operation of the LED UV system. It automatically adapts to different materials and working environments. COD controls the UV Curing mode (Bi-directional, Uni-directional). This will result in delivering an optimal printing quality and drying time.

### Safe Water Cooling Control System

Designed for operational extra safety and simplicity, artisJet's SWCC system is built on a digital industrial chilling system. It recycles 300ml of an industrial cooling liquid. The liquid level is visible and refillable on demand to avoid the wearout of the UV LEDs.

### Self-automated printing height adjustment

Equipped with sensors to automatically adjust head height and reduce the print head strikes.

### Gradient ECO UV LED Technology

Equipped with artisJet new UVCC2 UV LED clutter suppression Processor technology. The UV LED light wave varies from 365-395 and deliver the best print color durability by drying the prints in different layers.

### Auto Cleaning Module

Extends the printer head life by running scheduled ink system cleaning and maintenance when the printer is idle for a period of time.

### New Wave Pass Control Technology

Empowered by the wave print technology, the gradient feathering print functionality of artis 5000 U ensures the sharpness of the print output.

