



ARTIS 5000U, A2+ LED UV HIGH PRODUCTION PLATFORM

EXPAND YOUR BUSINESS,
PRINT BIG AND UP TO 73X53 CM



White + CMYK
Ink System



Up to 5760 * 1440 dpi



A2+, 530*810 mm



3D Embossed printing

Print bigger and 2X faster

Textured and embossed large format
photo realistic printing

Direct printing on dark and transparent
materials

Optimal for printing on both rigid
and flexible substrates

Ideal for printing signage, packaging,
decoration (wood printing, ceramics,
glass, plastics, aluminum. etc...),
posters, promotional items

★ Upscaled Features

Unique lateral loading architecture

Optimal cost saving with the **continuous ink supply system**

Feathered printing rendering mode

Automatic error checking on boot with error reporting

Printhead height **self adjustment**

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



Home Decorations



Packaging



Awards and Trophies



Leather Production



Signage

Printing specification

Print speed	5 minutes for Full 51 * 70CM @ 720*720 DPI
Printing technology	UV LED (Built in water cooling)
Ink	artisink DTS3 (C,M,Y,K,W), LC, LM, V available
Media	Applications Signage, packaging, decoration (wood printing, ceramics, glass, plastics, aluminum...etc...), posters, promotional items
	Media Size 530 x 810 mm (20.86 x 31.88 in)
	Thickness 100 mm (3.93 in)
	Rotary Print Optional
Printing	Printing modes 4 pass 6 pass 8 pass
	Print Resolution Up to 5760 x 1440 dpi
	Print Head On demand Epson DX5 piezo electric printhead. Made in Japan

Printer specification

Connectivity	Nozzles Variable dot size printing technology, starting from 1.5 pl and up to 21 pl
	Ports USB 2.0
	Operating systems Windows
Dimensions	Depth x Width x Height Printer 800 x 980 x 510 mm (31.49 x 38.58 x 20.07 in) Shipping 880 x 1060 x 690 mm (34.64 x 41.73 x 27.16 in)
Weight	Printer 220Kg, Shipping 270 Kg
Content of the box	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
Environmental ranges	10 - 35 °
Power consumption and requirements	AC100V~240V±10%, 0.5kVA
Certification	CE certified
Warranty	One year limited warranty

Printer Ink

DTS3 - 1000-001	Cyan UV LED Ink DTS3, 1000ml
DTS3 - 1000-002	Magenta UV LED Ink DTS3, 1000ml
DTS3 - 1000-003	Yellow UV LED Ink DTS3, 1000ml
DTS3 - 1000-004	Black UV LED Ink DTS3, 1000ml
DTS3 - 1000-005	Light Cyan UV LED Ink DTS3, 1000ml
DTS3 - 1000-006	Light Magenta UV LED Ink DTS3, 1000ml
DTS3 - 1000-007	White UV LED Ink DTS3, 1000ml
DTS3 - 1000-008	Varnish UV LED Ink DTS3, 1000ml

DTS3 - 500-001	Cyan UV LED Ink DTS3, 500ml
DTS3 - 500-002	Magenta UV LED Ink DTS3, 500ml
DTS3 - 500-003	Yellow UV LED Ink DTS3, 500ml
DTS3 - 500-004	Black UV LED Ink DTS3, 500ml
DTS3 - 500-005	Light Cyan UV LED Ink DTS3, 500ml
DTS3 - 500-006	Light Magenta UV LED Ink DTS3, 500ml
DTS3 - 500-007	White UV LED Ink DTS3, 500ml
DTS3 - 500-008	Varnish UV LED Ink DTS3, 500ml

DTS3 - 200-001	Cyan UV LED Ink DTS3, 200ml
DTS3 - 200-002	Magenta UV LED Ink DTS3, 200ml
DTS3 - 200-003	Yellow UV LED Ink DTS3, 200ml
DTS3 - 200-004	Black UV LED Ink DTS3, 200ml
DTS3 - 200-005	Light Cyan UV LED Ink DTS3, 200ml
DTS3 - 200-006	Light Magenta UV LED Ink DTS3, 200ml
DTS3 - 200-007	White UV LED Ink DTS3, 200ml
DTS3 - 200-008	Varnish UV LED Ink DTS3, 200ml

Cleaning agent

BRCA-U-1000-001	Cleaning agent for LED UV inks, 1000 ml
BRCA-U-500-001	Cleaning agent for LED UV inks, 500 ml
BRCA-U-200-001	Cleaning agent for LED UV inks, 200 ml

Fixing agent

BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 1000ml
BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 500ml
BRCA-U-1000-001	Fixing agent A/B liquids for UV LED inks, 200ml

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 including the ink pump, the wiper, the damper, and the cap tops.

Continuous Ink Supply System

Unlike ink cartridges, this system allows for 100% utilization of available ink.

Unique lateral loading platform design

Unique design ensuring a better visibility of the output. Ideal for space constraints workplaces.

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 UVGCC2 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.

