artisJet®
Innovative brand in small sizes UV printers

artis 3000U pro
Convert ideas into real products

2021

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From this file you'll get the primarily introduction topics that will be the answer to some of the main questions in the process of your purchase:
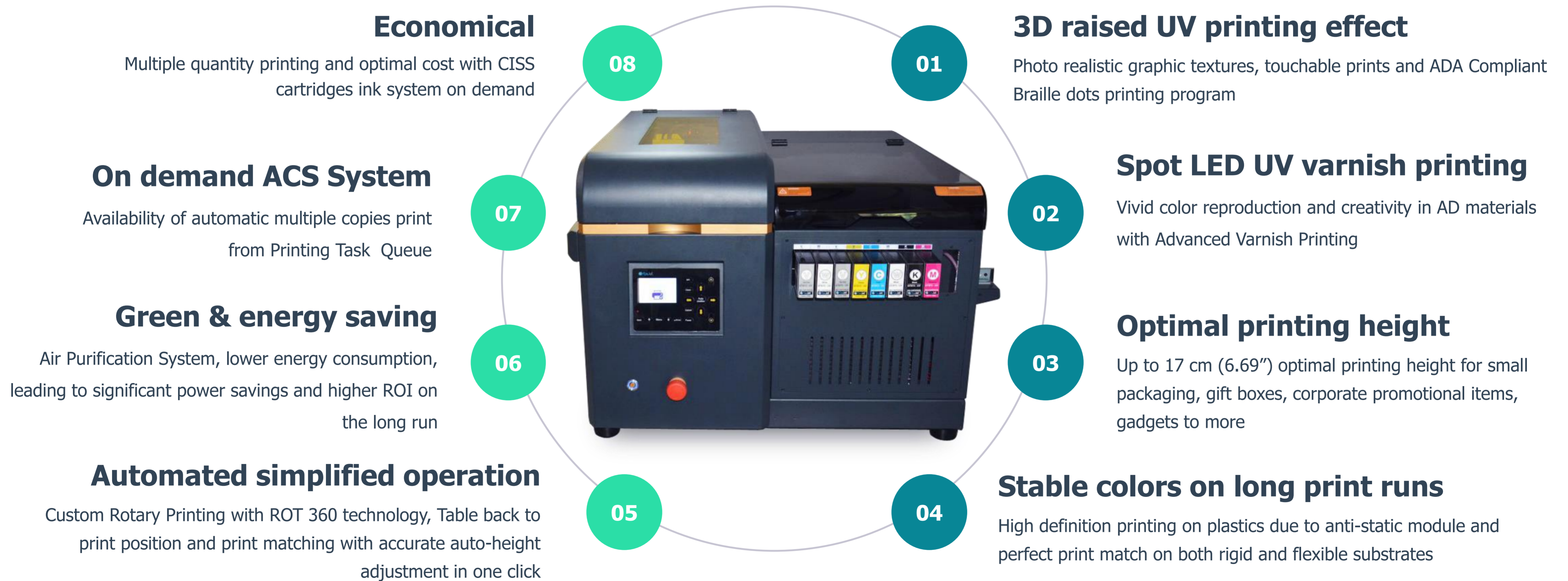
artis 3000U pro printer details, technology, operation to more.

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Printer
Overview

Technology Enhancing Printing

Economical
Multiple quantity printing and optimal cost with CISS cartridges ink system on demand

08

On demand ACS System
Availability of automatic multiple copies print from Printing Task Queue

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Up to 17 cm (6.69") optimal printing height for small packaging, gift boxes, corporate promotional items, gadgets to more

03

Stable colors on long print runs
High definition printing on plastics due to anti-static module and perfect print match on both rigid and flexible substrates
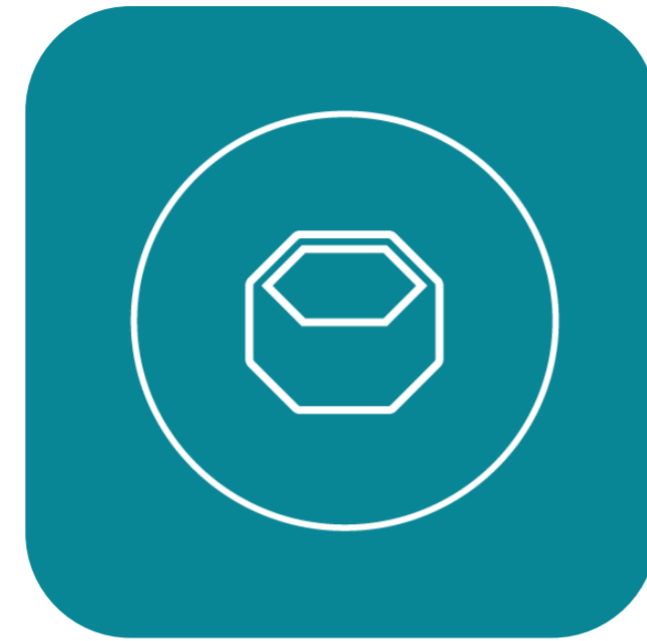
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Data Overview

Print area
B3, 36 x 50 cm (14.17 x 19.68")

3D
Raised Graphics Printing

Color
CMYK+WW / CMYK + WWWW /
CMYK + WW + VV

Gloss
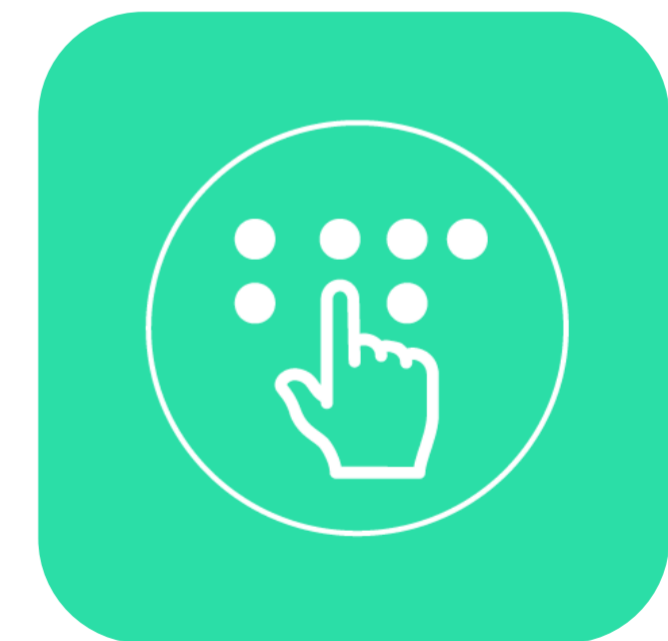Advanced Varnish printing

High Res
Up to 720 * 2880 dpi

Rotary
Custom printing on cylinders

Safe
Green air quality, RISC Certified

Touchable
ADA Braille Printing

Key Specifications

Product SKU	AJ-P3000U-6 / AJ-P3000U-8
Official launching	May 2019, FESPA Munich, Germany
Printing Area	36 * 50 cm (14.17 * 19.68 inches)
Printer Standard Size	94 * 84 * 54 cm (Depth*Width*Height)
Printer Weight	120 kg
Printable Materials	Direct printing on all substrates colors & transparent materials with vivid color reproduction & creativity in AD materials and up to 17 cm (6.69") optimal printing height for small packaging, gift boxes, corporate promotional items, gadgets & smartphone accessories to more
Color	DTSAT3 UV LED ink cartridges
Ink Channels	CMYK+WW / CMYK+WWWW / CMYK+WW+VV
Rotary Printing	Custom ROT 360 rotary device with 2.5 cm (0.98") minimum bottle diameter
Software	artisJet Workstation & artisRIP V9.0
Computer Requirements	Windows Operating System; CPU ≥ 2.0 Hz; RAM ≥ 4G; Hard Disk ≥ 100G.

artis 3000U pro

37 cm (14.56 in)

88 cm (34.64 in)

54 cm (21.25 in)

84 cm (33.07 in)

94 cm (37.00 in)

CE FC RoHS 2011/65/EU EAC REACH Compliant HEAD CERTIFICATION RISC

2

System & Solutions
Highlights

Print Effects

3D Embossed Raised Graphics

The 3D textured print increases the value of the printed products and makes them memorable by being able to actually feel with your fingers the details of the printed design.

360 Degrees Seamless Rotary Printing

Turn the flatbed printer into a rotary printer within minutes and create personalized drink ware and custom bottle gifts with digital personalized images and artwork fully covering the surface of the bottles of any material.

ADA Braille Dots Printing

With BPAP unique technology for Braille, artis 3000U pro enables printing of various ADA Braille standard applications such as: Braille wall signage, door signs, facilities signage, Braille menus, Braille business cards, Braille greeting cards, even Braille on cylindrical items.

Varnish Clear Glossy Print

Highlight specific texts, photos, or logos to create an elegant dramatic bright color effect and attractive look. Enjoy smooth, and shiny surface of the printed substrates, even on a laptop.

WOODEN PHOTO BLOCKS

High resolution printing on wood

Edge-to edge full cover printing

Keeps the natural look of the substrate

True and realistic photo quality

Unlimited colors for imprint area

Supporting different digital files

CORPORATE GIFTS

Custom pens, lighters, golf balls & more

Ideal for in-house customization

Achieve great effects within minutes

Friendly economic cost

Raised and glossy color performance

On demand printing fixtures

INDUSTRIAL LABELS

Big production for in-house printing

Print on various dial meters types

Easy to achieve Braille effect output

Control panel printing with smallest text

Clean and clear numeric printing

Long lasting prints on daily use items

ELECTRONIC GADGETS

Print on power banks, chargers, cases etc.

Multiple custom items in one pass

Cost effective: 0.016$ / iPhone 6 case

Supporting any type of files

Multiple substrates type printing

Photo quality and glitter finishes

Printing Ideas

Ideal User **Attributes**

Scenarios

- ✓ Production houses, factories, signage companies, to more
- ✓ Ideal for patch production purpose meeting user requirements
- ✓ Suitable for experienced users who want to update their technology and printers
- ✓ Users who cannot afford to the other top printers
- ✓ Who want to increase production efficiency in back-house
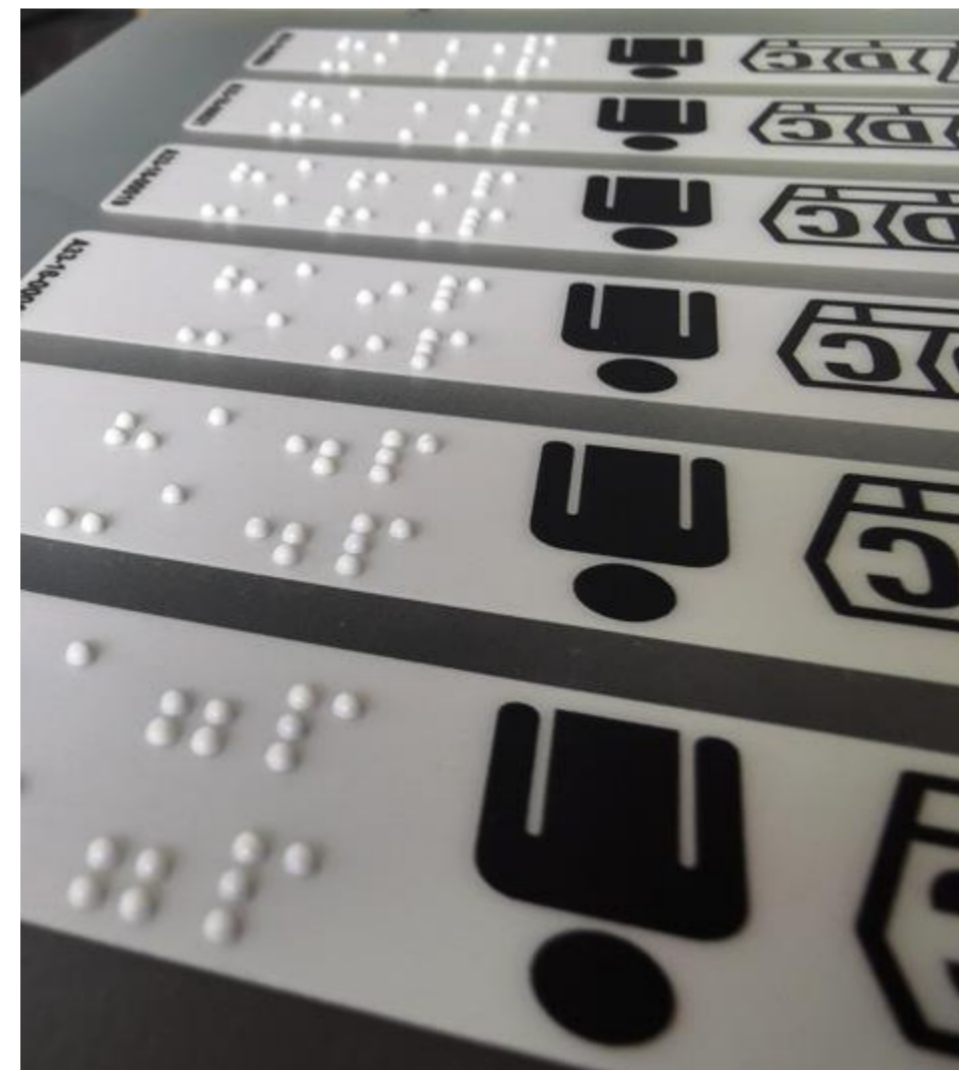- ✓ Company customers with full knowledge about the UV

PRODUCTION HOUSES

FACTORIES AND SIGNAGE COMPANIES
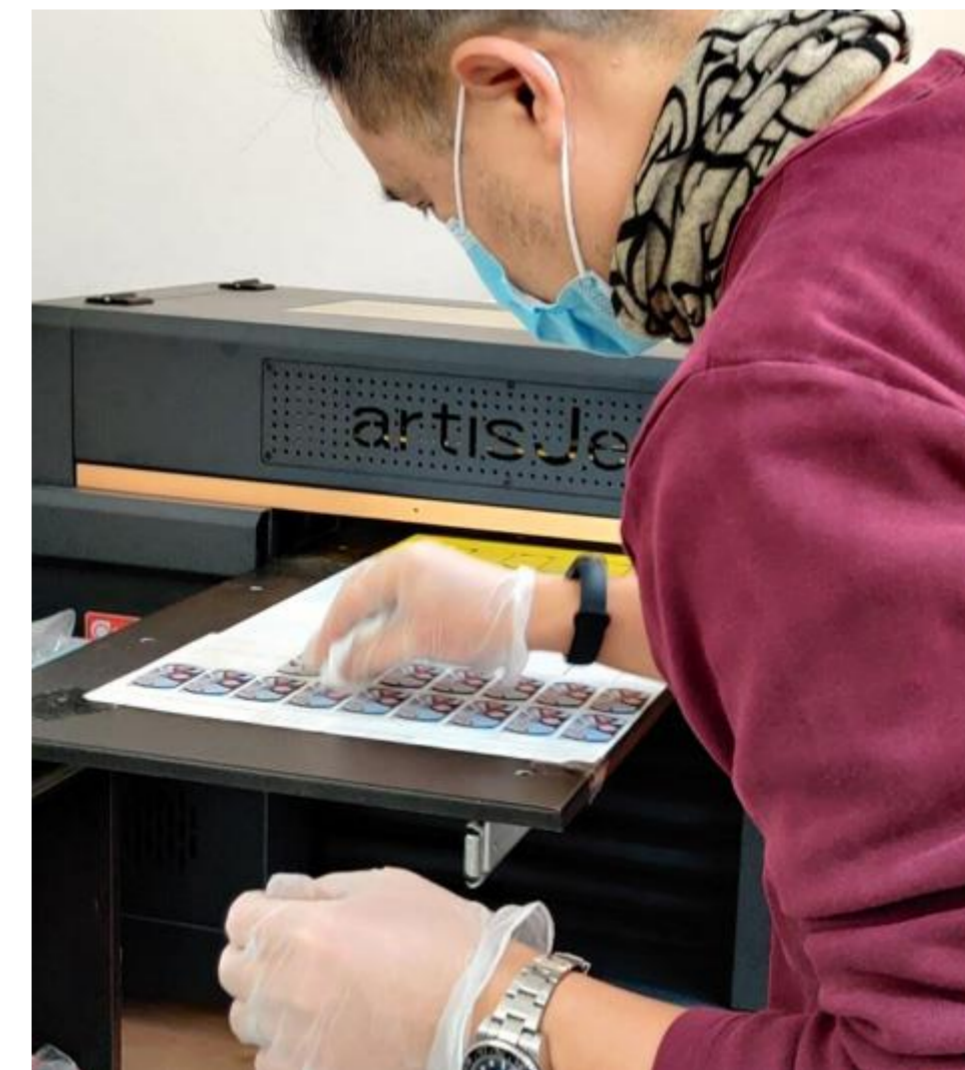
PATCH PRODUCTION PURPOSE

HOME BASED AND IN-STORE BUSINESS

Notebooks & agendas

Signage production

Tags printing production

Pastry & sweets packaging

3 Main Technology Highlights

Built-in LED UV Print System

artis 3000U pro is a timely expectable printer; the **B3 size UV LED printer** is suitable for small working environments as printing digital stores, making it a **VERSATILE DESKTOP PRINTER** for print on demand workflows.

With the capability of printing on an extensive array of media and applications for personalization businesses, the **artis 3000U pro** helps to successfully **convert ideas into real products**.

The benefits?

- ✅ **Stable colors on long print runs and mixed media print jobs;**

- ✅ **High definition printing on plastics due to anti-static module;**

- ✅ **Perfect print match on both rigid and flexible substrates;**

- ✅ **User friendly operation with high quality color output.**

Eco-Friendly Experience

Safe Water Cooling Control System

Designed for safety and simplicity, the **artisJet built-in SWCC System** uses a digital built-in liquid chilling system, which contributes in lowering the running cost.

With 200ml of industrial cooling liquid recycling system, the SWCC liquid lasts for 6 months until a refill is needed.

The chilling liquid level is visible and refillable on demand, to avoid the burn out of the UV LEDs due to the lack of liquid in the chilling recycling system.

Quiet Operation

As all artisJet printer users stated, they are happy about the extremely reduced noise levels. A quiet printer allows you to enjoy exceptional performance, efficiency, and productivity without the noise.

Sustainable printing

The Built-in UV LED light source dries the ink just milliseconds after it's applied. Due to this, there is no release of any volatile organic compounds.

A RISC certified printing system, artis 3000U pro ensures a cleaner and more environmentally friendly operation, with avoided VOC emissions and no harmful toxics.

Green Ink System

✅ The DTSAT3 UV LED ink is applied to direct print onto various solid materials; ink cartridges volume support 230 ml;

✅ DTSAT3 ink delivers high color density print finishes, perfectly adhering to a broad array of coated and uncoated substrates;

✅ The UV LED ink is improved by enabling the usage of thinner and heat-sensitive substrates, without any damage;

✅ The artisJet re-known instant UV LED curing technology lowers the operating costs and maximizes the longevity of the print head;

✅ Environmentally friendly ink cartridges, as 100% of the ink is used, the curing process dries the ink instantly, unlike solvent based inks, which have evaporating compounds.

RISC — RISK, INDUSTRIAL HYGIENE, & SAFETY CONSULTANTS

RoHS compliant

REACH Compliant

Holiday Module

artis 3000U pro takes the lead in **HOLIDAY MODULE** of self-automatic ink system maintenance model. It allows the users to set the maintenance timing as follows: 5, 10, 15, 20, 25, 30, 35, and 40 hours / time.

The benefits of Holiday Module include:

✅ **Saving the manual ink system maintenance for users;**

✅ **Extending the ink system life, especially the print head;**

✅ **Ready to proceed the printing production after the holiday.**
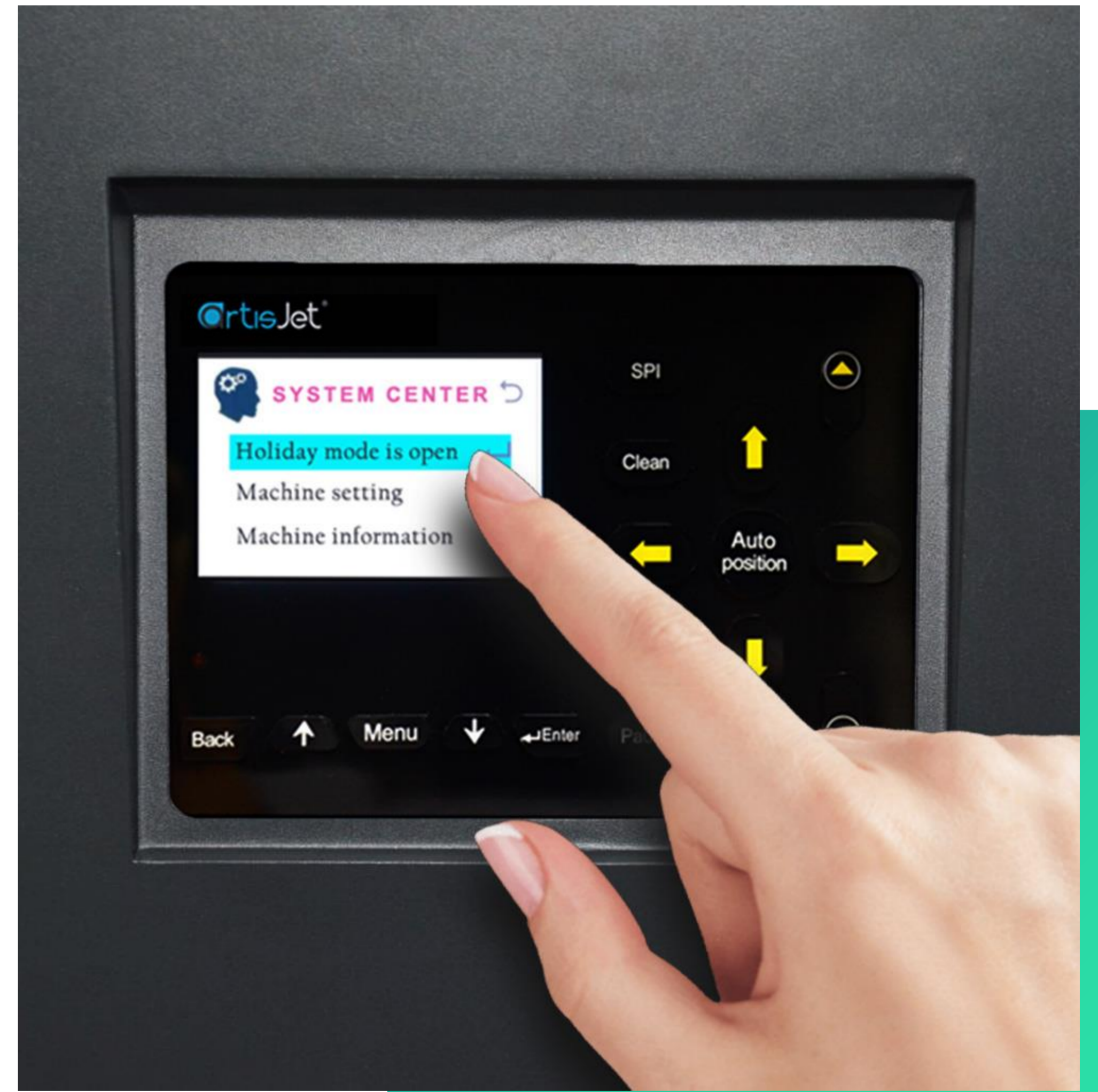
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New Technology

Faster Braille
Printing in One Pass

Take one more step into the creative printing with BPAP Braille Printing Technology from artisJet and amaze your customers with high standard Braille printing possibilities including Braille education tools, Braille signs, daily applications, signage boards, and different custom Braille tools: restaurant menus, Braille door signs, facility signs, tour guides etc.

From artwork editing to an easy-to-follow printing process, the new Braille technology integrated with artisJet's A4, B3 and B2 LED UV printers ensures ADA / CA22 compliant prints for smooth dome shape dots.

✅ **Fast production speed: 9 minutes / full A4 size**

✅ **High standard ADA at 0.8 mm / 0.3"**

✅ **Dot base diameter 1.5 mm (0.059") to 1.6 mm (0.063")**

✅ **0.7 mm dot height**

✅ **Wear-resistant, perfect rounded domes, tactile smooth**

✅ **High adherence on plastic substrates**

Advanced Spot LED UV Varnish Printing

The new technology ensures flexible varnish printing options with high standard shinning colors and delivering a diamond printing result on demand.

Equipped with artisJet's improved technology, Spot Varnish LED UV Control System, specialized UV Curing firmware & hardware, **artis 3000U pro B3 LED UV printer** enables users to realize the partial print of the image on demand with clear varnish ink.

✅ **Faster and more flexible color output**

✅ **Create more stunning products with clear gloss ink**

✅ **High quality print for value-added products**

✅ **Varnish density – custom 30 – 50 %**

✅ **Uni-directional print speed**

Seamless
Cylindrical Printing

The **FAST CONVERSION** from flatbed printing to cylindrical printing makes the artis 3000U pro LED UV printer a multifunctional creative resource for large format and rotary capabilities. You get one printer with two different customization needs, and a **SPACE SAVING** solution. How? With **ROT 360 degrees rotary device**.

✅ **From minimum 2.5 cm (0.98") to 13 cm (5.11") max bottle diameter**

✅ **Effective printing on a wide range of materials and products**

✅ **Accurate & vivid print with ROT 360 attachment**

✅ **Empowered by artisJet Workstation and artisJet Rotary Craftsman**

✅ **Full 360 degrees spin & seamlessly jointed prints on cylinders**

✅ **Full size artwork printing and perfectly blended prints**

✅ **Eco-Green friendly operation (lowest power consumption to 30W)**
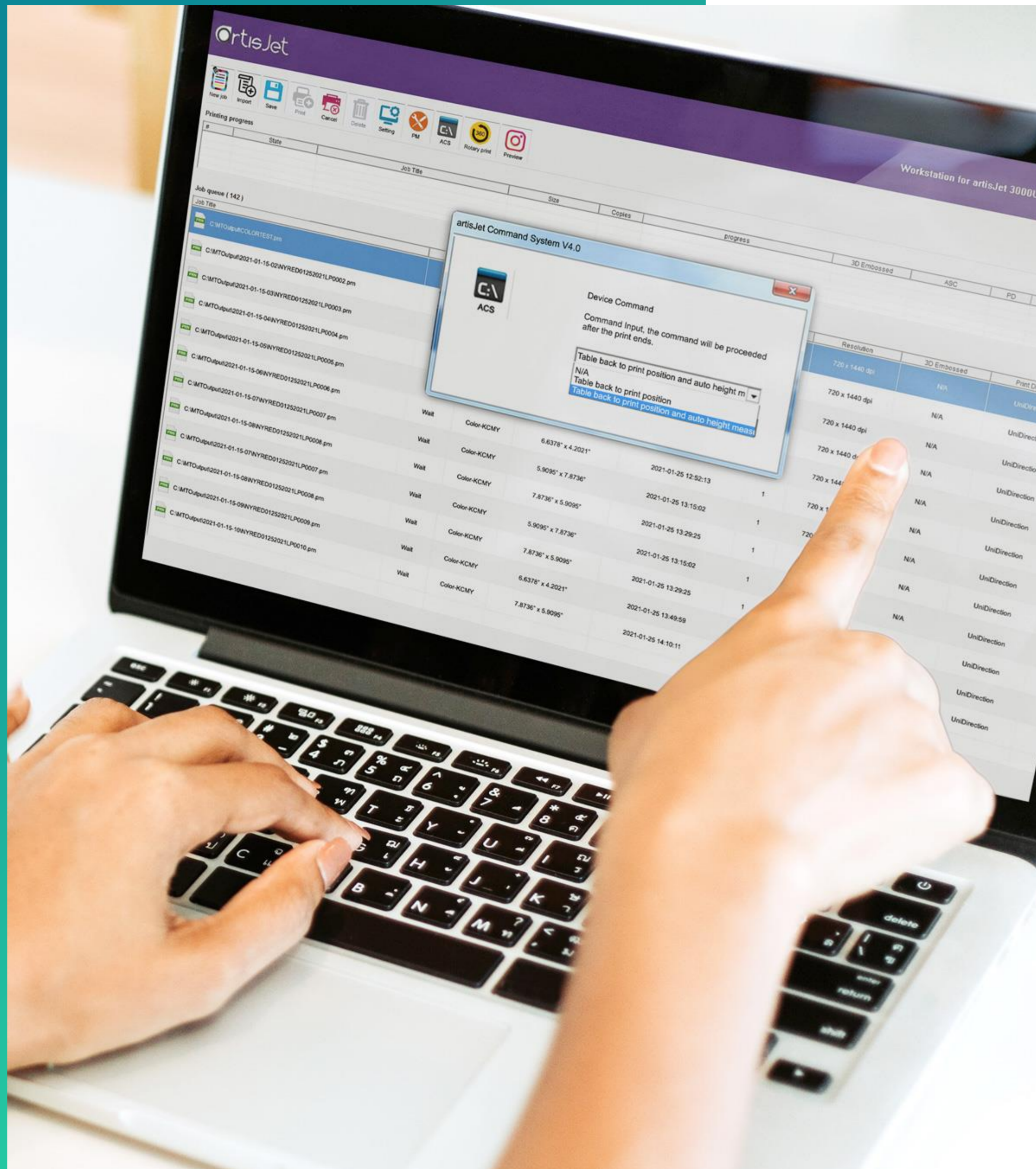
ACS artisJet Command System

The **ACS Comments Insert Program** is a labor cost saving and easy-to-use command system directly from **artisJet Work Station**, speeding up the printing & avoiding unnecessary manual operations.

It's great for tasks that are under processing mode (at least 1%), allowing to comment on multiple printing production tasks (**Printing Tasks Queue**) & enhancing the production speed with teamwork.

There are 2 options which increase the production speed:

✅ **Table back to print position option — allows printing a second (multiple) copy of the same printing job, if needed;**

✅ **Table back to print position and auto-height measurement option — the printer automatically detects the printing height and auto-adjusts its flatbed accordingly.**

Platform Auto-Return from ACS

The use of the **ACS Command System** from artisJet Work Station on **artis 3000U pro B3 LED UV printer** improves productivity by multiples task printing at **ONE CLICK**, and the **Platform Auto-Return** is one of this great features.

The BENEFITS ?

The artisJet Command System's **Table Back to print position option** will do exactly what is says: bringing back the flatbed table during the printing job processing.

Add to this, when one task is completed, the flatbed's table will auto-return to print position.

Automatic Height Adjustment

The automated system for flatbed height adjustment accommodates different sized product **up to 17 cm (6.69 ")**.

The quick selection from **ACS Comment Insert Program** ensures that **artis 3000U pro printer** detects the printing material's height and positioning automatically at one click, a process eased by the **2 lateral height sensors**.

Auto-adjustment can be done during printing task processing by selecting the **Table Back Print Position & Auto-Height Measure** option.

Accurate measure of the material's height while the platform returns to its back position is a **TIME SAVING** solution – by **ONE CLICK**, the height and positioning adjustments will be located to the right and safe position.

In addition, it avoids the danger of crashing the printer's head, therefore saving the costs.

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Easy
Operation

User Friendly
Control Panel

Coding errors affect product quality and drive unacceptable costs throughout the process.

The **artis 3000U pro B3 LED UV printer** is equipped with **specially designed control panel** and **BUILT-IN ERROR CODING SYSTEM** with direct reading on the printer's screen, ensuring an **accurate printing process**.

It is developed to issue error codes that pinpoint accurately the cause of the malfunction, if any. With this feature, artisJet printers' troubleshooting becomes a fairly easy task.

Easy

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Custom Jigs & Templates

Faster

No matter the product type, **FIXTURES** and **JIGS** are one of the main tools for **direct to substrate customization process** that increases the **PRINT ACCURACY** by holding the products at all stages of printing.

To **avoid costly production delays** and defects, artisJet introduces new and customized tools to fulfill any printed product requirements in terms of shape and size.

As a **TIME SAVING** solution, artisJet developed **on demand printing jigs** and **ready-made templates** for a wide range of applications customization.
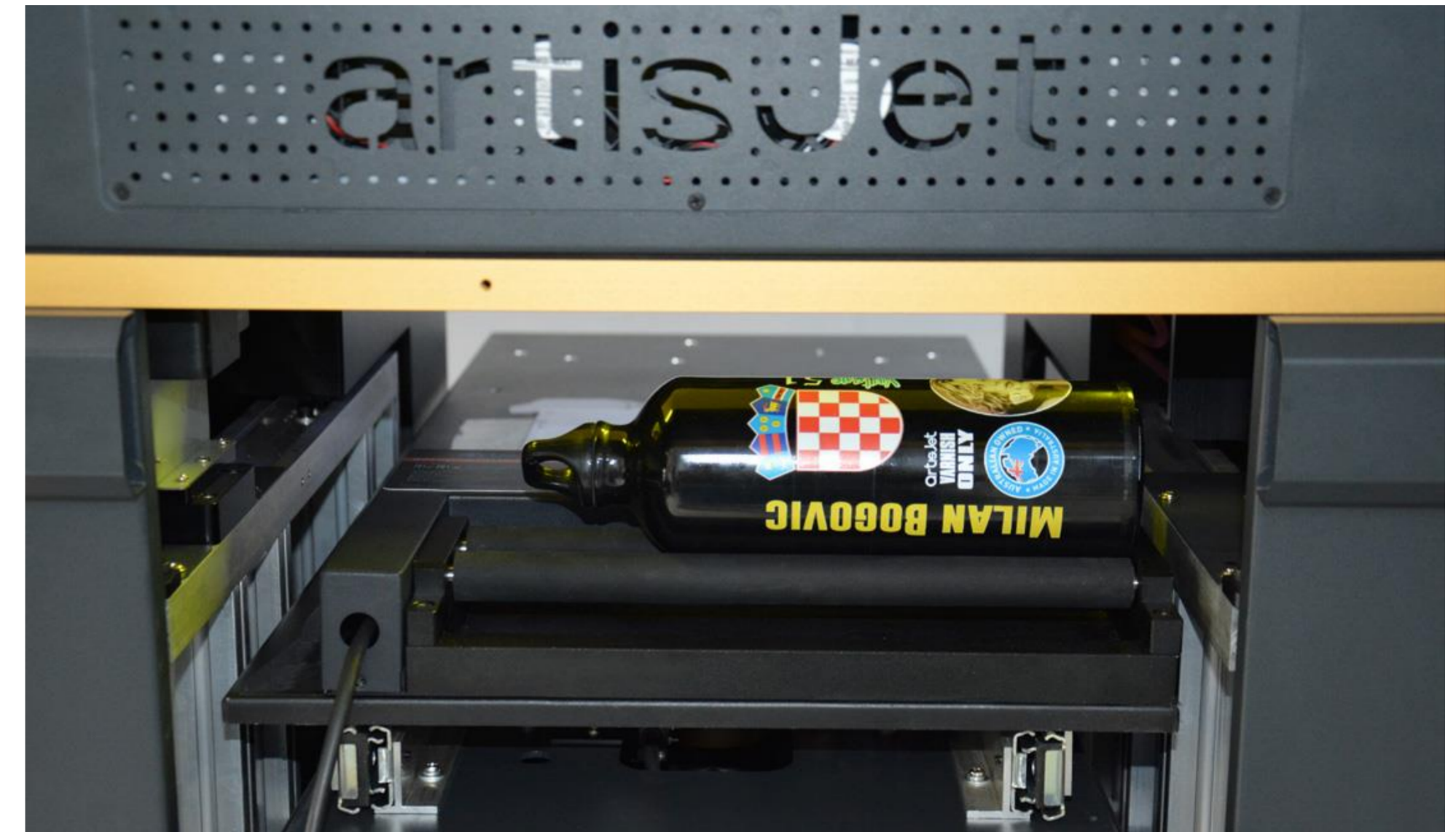
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