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Ovsuqu A3 UV DTF Printer with Dual XP 600 Print Head Instruction Manual

1. PRODUCT OVERVIEW

The Ovsuqu A3 UV DTF Printer is a versatile 2-in-1 printing machine designed for creating durable stickers and direct prints on various materials. It features dual XP 600 print heads for enhanced performance and includes an automatic film pressing function, eliminating the need for a separate laminator. This manual provides essential information for the safe and efficient operation of your printer.



Image 1.1: The Ovsuqu A3 UV DTF Printer, showing the main unit, ink bottles, and AB films.

Key Features:

- **2-in-1 Printing:** Combines automatic printing and film pressing in one machine, streamlining the UV DTF sticker production process.
- **Dual XP 600 Print Head:** Equipped with two XP 600 print heads for faster printing speed and brighter color output.
- **White Ink Stirring System:** Prevents ink sedimentation and nozzle clogging, ensuring consistent print quality and extending print head lifespan.
- **Automatic Warning System:** Alerts users when ink levels are low to prevent empty printing and potential damage.
- **Versatile Material Compatibility:** Capable of printing on a wide range of materials including plastic, glass, ceramics, paper, wood, leather, and metal.
- **Flexible Application:** Supports printing on flat, cylindrical, curved, rhombic, and other irregular shapes for diverse sticker applications.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

How to print?



Upload pattern to PC



Start Printing



Stick on the item

Finished

Image 2.1: Visual representation of the main components included in the package.

- Ovsuqu A3 UV DTF Printer Unit
- Ink Bottles (CMYK+White+Varnish)
- AB Films (100M)
- RIIN Software

3. SETUP GUIDE

Follow these steps to set up your Ovsuqu A3 UV DTF Printer for the first time.

3.1 Initial Preparation

1. **Unpacking:** Carefully remove the printer and all accessories from the packaging. Due to the large quantity of products, the package may be split into multiple deliveries.
2. **Placement:** Place the printer on a stable, level surface in a well-ventilated area.

3. **Water Pump Setup:** Locate the water pump reservoir. Remove it, add clean water up to the 'Highest' mark, and then securely reinsert it into its compartment.
4. **Protective Film Removal:** Peel off any protective films from the printer's surfaces, especially from the print bed.
5. **Ink Installation:** Carefully add the provided UV inks (Yellow, Black, Varnish, Magenta, Cyan, White) into their respective labeled reservoirs. Ensure the correct ink color is added to the corresponding tank.

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Video 3.1: Demonstrates the initial setup process, including adding water to the pump and installing UV inks.

3.2 Software Installation

Install the RIIN software on your computer (compatible with Windows PCs). Refer to the software's specific installation guide for detailed instructions.

4. OPERATING INSTRUCTIONS

This section outlines the general steps for operating your UV DTF printer.

4.1 Basic Printing Workflow

1. **Design Preparation:** Create or import your desired pattern using the RIIN software on your computer.
2. **Load Film:** Load the AB film onto the printer's film feeding mechanism. Ensure it is correctly aligned.
3. **Start Printing:** Send the print job from the software to the printer. The printer will automatically print the design onto the A film and then laminate it with the B film.
4. **Apply Sticker:** Once printed and laminated, carefully peel the sticker from the film and apply it to your desired item.

A3 UV DTF (2 in 1) Printer parameter



Model	A3-UV DTF	Print head	Epson XP600(Double Head)
Print Accuracy	8PASS、12PASS	Print Width	300mm
Print Speed	8PASS;1m ² /H	Software	RIIN.exe
Print Height	2mm	Lamination method	Heating(automatic lamination)
ink consumption	1m ² / 20 ml	Support system	Windows
Ink supply method	Continuous	Color configuration	CMYK+WW+V
Ink output	White ,color and varnish	Relief printing	YES
Print media	A film, release paper	Printing varnish	YES
Cooling for UV Lamp	Air cooled	Package Size	1070*520*500mm
Power for UV Lamp	40~160W	Printer size	1000*450*390mm
Motor Driver	Pulse servo motor drive	Net weight/Gross	55KG/83KG
Voltage	AC100~230V	Weight Packge Material	Wood box

Image 4.1: Step-by-step visual guide for the UV DTF printing process.

4.2 Printing on Various Materials

The printer supports direct printing on a variety of materials and also produces UV DTF stickers for application on irregular surfaces.

- **Sticker Printing:** Produce high-quality, durable stickers for application on glass, wood, leather, plastic, and more.
- **Embossed Effect Printing:** Achieve tactile, raised effects on prints for a premium finish.
- **Varnish Effect Printing:** Apply a clear varnish layer for enhanced gloss and protection.
- **Bottle Printing:** Utilize the specialized rotary attachment for direct printing on cylindrical objects like bottles and mugs.

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Video 4.2: Demonstration of printing on gold and ordinary AB films, showcasing different sticker types.

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Video 4.3: Illustrates the process of achieving an embossed effect during UV printing.

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Video 4.4: Shows the UV printer applying a varnish effect to a bottle.

Print Sample



Image 4.5: Various print samples demonstrating the printer's capabilities on different items.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your printer.

5.1 White Ink Stirring System

The printer is equipped with an automatic white ink stirring system. This system operates periodically to prevent white ink pigments from settling, which can lead to clogs and print quality issues. Ensure this system is functioning correctly.



White Ink Stirring

- ◆ Use Automatic white-ink stirring system
 - ◆ prevent ink settling and clogging
- Extend the lifespan of the print head

A film update installation

- ◆ Snap fasten makes A film easier and more convenient for customers to install



Image 5.1: Detail of the white ink stirring mechanism.

5.2 General Cleaning

- Regularly clean the print head and surrounding areas with appropriate cleaning solutions to prevent ink buildup.
- Keep the printer's exterior free from dust and debris.
- Check and clean the UV lamps as per the manufacturer's recommendations to ensure proper curing.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your printer.

- **Poor Print Quality:** Check ink levels, perform a print head cleaning cycle, and ensure the print media is correctly loaded. Verify that the UV lamps are functioning.
- **Printer Not Responding:** Ensure the printer is powered on and correctly connected to the computer. Restart both the printer and the computer.
- **Ink Clogging:** Run a print head cleaning cycle. If the issue persists, perform a deeper cleaning or contact technical support. The white ink stirring system should prevent most clogs.
- **Film Feed Issues:** Ensure the AB film is loaded correctly and free from wrinkles or obstructions.

For more complex issues, refer to the detailed user manual provided with the machine or contact customer support for remote assistance.

7. SPECIFICATIONS

Detailed technical specifications for the Ovsuqu A3 UV DTF Printer.

Feature	Specification
Model Name	A3 UV DTF Printer
Brand	Ovsuqu
Manufacturer	ACHI
Printing Technology	Inkjet
Printer Output	Color
Maximum Color Print Resolution	600 dpi
Maximum Black and White Print Resolution	600 dpi
Maximum Print Speed (Color)	36
Max Printspeed Monochrome	36
Supported Media Sizes	A3 (297x420 Millimeters)
Maximum Media Size	Width: 33mm
Printer Ink Type	UV Color Ink
Connectivity Technology	USB
Hardware Interface	USB
Product Dimensions	39.37"D x 17.7"W x 15.35"H
Item Weight	182.6 pounds
Power for UV Lamp	40-160W
Voltage	AC100-230V

8. WARRANTY AND SUPPORT

Your Ovsuqu A3 UV DTF Printer comes with a 2-year warranty. Please note that damaged ink contact parts are not covered under warranty.

8.1 Customer Support

Ovsuqu provides professional after-sales support. If you encounter any issues or have questions, you can contact us for consultation, exchange, or refund. We offer comprehensive installation videos, detailed user manuals, accessory warranties, and lifetime remote assistance.

For assistance, please refer to the contact information provided with your product documentation or visit the [Ovsuqu Store on Amazon](#).

Related Documents - A3 UV DTF Printer

 P13 DTF Printer User Manual  	<p><u>P13 DTF Printer User Manual Setup, Maintenance, and Warranty Guide</u></p> <p>Comprehensive user manual for the Procolored P13 DTF Printer. Covers setup, software installation, printing guide, detailed maintenance schedule, technical support contact information, important notices, and warranty policy.</p>
 P13 DTF Printer User Manual  	<p><u>Procolored P13 DTF Printer User Manual: Setup, Operation, and Maintenance</u></p> <p>Comprehensive user manual for the Procolored P13 DTF Printer. Learn how to unbox, install drivers and RIP software, print, perform maintenance, and understand warranty information.</p>
 A3-L1800- Roller version Df Printer manual  	<p><u>Procolored A3-L1800 DTF Printer Manual: Setup, Operation, and Maintenance</u></p> <p>A comprehensive user manual for the Procolored A3-L1800 Roller Version DTF Printer, detailing safety instructions, machine overview, connection, driver and software installation, machine setup, printing process, and maintenance procedures.</p>
 BIQU-B1 Dual-Color 3D Printer Upgrade Kit: Installation & Slicing Guide  	<p><u>BIQU-B1 Dual-Color 3D Printer Upgrade Kit: Installation & Slicing Guide</u></p> <p>A comprehensive guide for installing and using the BIQU-B1 two-in-one-out dual-color printing upgrade kit. It covers product specifications, step-by-step installation of the print head, extruder, and filament bracket, firmware preparation, and detailed instructions for configuring and using the upgrade with Ultimaker Cura for dual-color slicing.</p>
 Procolored Mini UV DTF Printer User Manual  	<p><u>Procolored Mini UV DTF Printer User Manual</u></p> <p>Comprehensive user manual for the Procolored Mini UV DTF printer, detailing assembly, film loading, printer control, ink loading, RIP software setup, daily operation, maintenance, warranty, and return policies.</p>
 DTFL1800 User Manual  	<p><u>DTF L1800 User Manual</u></p> <p>User manual for the Procolored DTF L1800 printer, covering assembly, software installation, operation, maintenance, troubleshooting, and warranty information.</p>

