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Sihao A3 L1805

Sihao A3 UV Flatbed Printer L1805 User Manual

Model: A3 L1805

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Sihao A3 UV Flatbed Printer L1805. This high-resolution printer is designed for versatile printing on various materials, including phone cases, cups, stickers, and acrylics, offering a resolution of 5760 x 1440 dpi.

The printer features a white ink circulation system, automatic height measurement, and a one-click cleaning function to ensure optimal performance and print quality.



Figure 1: Sihao A3 UV Flatbed Printer L1805 and accessories.

2. SAFETY INSTRUCTIONS

- Always ensure the printer is connected to a grounded power outlet.
- Do not expose the UV lamp directly to eyes or skin. Use appropriate protective eyewear and gloves.
- Keep the printer in a well-ventilated area to dissipate fumes from UV inks.
- Avoid touching moving parts during operation.
- In case of emergency, press the red emergency stop button immediately.
- Keep inks and cleaning solutions out of reach of children and pets.

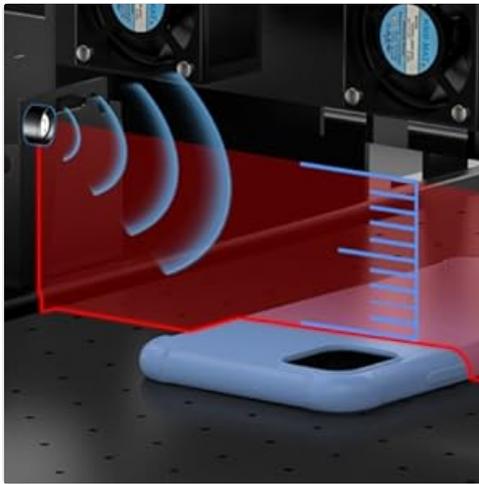


Figure 2: Emergency Stop Button for immediate shutdown.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x UV DTF Printer
- 1x USB User Manual (contains instructions and software)
- 1x Bottle Holder
- 6x Ink Bottles
- 1x Ink Damper
- 1x Syringe
- 1x Software
- USB and Power Cable

PACKAGE CONTENT

1x UV DTF Printer

1x Bottle Holder

6x Ink Bottles

1x Software

1x USB User Manual

1x Ink Damper

1x Syringe

USB and Power Cable



Figure 3: Contents of the printer package.

4. PRODUCT OVERVIEW

The Sihao A3 UV Flatbed Printer L1805 is equipped with several key features for efficient and high-quality printing:

- **Suction Platform & Automatic Height Measurement:** Ensures precise printing on various material thicknesses.
- **Emergency Stop Button:** For immediate safety shutdown.
- **White Ink Circulation System:** Prevents white ink precipitation and maintains fluidity.
- **Auto-Cleaning Function:** Simplifies maintenance and prevents nozzle clogs.



Figure 4: Key components and controls of the printer.

5. SETUP

5.1 Powering On and Initial Cleaning

Before first use, ensure the printer is properly powered on and perform an initial cleaning cycle.

Video 1: Demonstrates powering on the printer and performing the initial powerful cleaning until ink flows out.

5.2 Connecting the USB Cable

After the initial cleaning, connect the USB cable from the printer to your computer.

Video 2: Shows how to plug in the USB cable after cleaning.

5.3 Installing the Bottle Holder

Attach the bottle holder to the printer for cylindrical object printing.

Video 3: Guide to installing the bottle holder for cylindrical printing.

5.4 Filling Ink Bottles

Carefully fill the ink bottles with the corresponding colors. Remember to shake white ink bottles thoroughly before use.

Video 4: Instructions for adding ink to the bottles and shaking white ink.

5.5 Installing the Ink Bottle Shelf

Securely install the ink bottle shelf on the side of the printer.

Video 5: Step-by-step guide for installing the ink bottle shelf.

6. OPERATING INSTRUCTIONS

6.1 Printing Stickers

Learn how to print high-quality stickers using your UV flatbed printer.

Video 6: Demonstration of printing colorful stickers on the flatbed.

6.2 Printing Phone Cases

Detailed steps for printing custom designs on phone cases.

Video 7: Illustrates the process of printing designs onto phone cases.

6.3 Automatic Printing Function

Utilize the automatic continuous print switch for streamlined printing tasks.

Video 8: Explains how to use the automatic continuous print switch for hands-free operation.

6.4 Printing Bottles

Instructions for setting up and printing on cylindrical bottles using the bottle holder.

Video 9: Shows the process of printing on bottles with the specialized holder.

6.5 Printing 3D Embossed Effects

Achieve textured, embossed prints by layering white ink.

Video 10: Illustrates how to create 3D embossed prints with varying thicknesses.



Cylinder printing

phone cases,pens, golf balls,glassware



Flat plate printing

phone cases, acrylic, stickers,PET,A/B , ABS, TPU. PVC. PU. etc.



DTF stickers



Varnish, 3D printing

Figure 5: Various printing capabilities including cylinder, flat, DTF, and 3D varnish.



Figure 6: Diverse applications for the UV printer, from phone cases to home decor.

7. MAINTENANCE

7.1 White Ink Automatic Mixing System

The printer features a white ink automatic mixing system to ensure consistent color and prevent pigment settling. This system activates automatically when the printer is powered on.



Figure 7: White Ink Automatic Mixing System.

Print Platform Size	33*50*15CM
UV Lamp Effective Area	32*50CM
Maximum Bottle Size	Diameter 110mm, length 500mm
Diameter Range of Bottle	5-11CM
Printer Nozzle Type	EPSON L805
Software Setting Precision	2880*1440dpi
Print Speed	178 seconds (Photo mode)
Print Software	AcroRIP White ver10.3
Print Interface	USB2.0
Color of Printing	CMYK+V or CMYK+2W
Printer Size	76*63*51CM
Computer Operating System	Windows 7-11



Figure 10: Detailed technical specifications of the printer.

10. WARRANTY AND SUPPORT

Your purchase includes a USB drive containing the full instruction manual and necessary software. For any questions regarding installation, operation, or troubleshooting, please refer to the resources on the USB drive. If you encounter issues that cannot be resolved, do not hesitate to contact the seller, "Run smoothly store", for prompt assistance.