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› YILONG YL Thermal Tattoo Stencil Printer Machine User Manual

## YILONG YL

# YILONG YL Thermal Tattoo Stencil Printer Machine User Manual

Model: YL | Brand: YILONG

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation of your YILONG YL Thermal Tattoo Stencil Printer Machine. Please read this manual thoroughly before using the device to ensure proper function and longevity.

## 2. SAFETY INFORMATION

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- Ensure the power supply matches the device's requirements (AC 110V-220V; 50Hz/0.46A).
- Do not operate the machine continuously for extended periods. Allow it to cool down after transferring 1-2 sheets to prevent overheating and protect the printer mechanism.
- Unplug the machine when not in use to prevent potential overheating and conserve energy.
- Keep the device away from water or other liquids.
- Do not attempt to disassemble or repair the machine yourself. Contact qualified service personnel for assistance.
- Keep out of reach of children.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the components and controls of your thermal stencil printer.

Product name : thermal copier    Uses: transfer tattoo patterns, lines, manuscripts

Voltage:110-220V/50-60HZ    Color:black



Figure 3.1: YILONG YL Thermal Tattoo Stencil Printer Machine with key components labeled.

**Transfer Paper Input:** Slot for inserting transfer paper.

**Operation Panel:** Contains control buttons and indicator lights.

**Power Indication Light:** Indicates power status.

**Switch:** Power on/off switch.

**Warning Light:** Indicates errors or warnings.

**Start of Work (COPY button):** Initiates the transfer process.

**Document Output:** Where the original document exits.

**Document Feeder:** Slot for inserting the original document.

**Transfer Paper Output:** Where the stenciled transfer paper exits.

**MIRROR/NORMAL:** Mode selection for mirror or normal copy.

**DEEPNESS 1/DEEPNESS 2:** Depth level adjustments for transfer quality.

**STOP:** Halts the current operation.

## 4. SETUP

1. **Unpack the Machine:** Carefully remove the thermal stencil printer from its packaging.

2. **Place the Machine:** Position the machine on a stable, flat surface with adequate ventilation.
3. **Connect Power:** Plug the power cord into the machine and then into a suitable electrical outlet.
4. **Power On:** Flip the power switch to the "ON" position. The Power Indicator Light should illuminate.

## 5. OPERATION

Follow these steps to create a tattoo stencil using your YILONG YL Thermal Tattoo Stencil Printer Machine.

### 5.1 Loading Paper and Document

1. **Open the Cover:** Open the cover of the transfer machine by pulling up on both sides.

Instructions for use: detailed steps are as follows,  
you can also refer to the detail video



Step1: open the cover of the transfer machine and pull up on both sides

Figure 5.1: Opening the cover of the thermal transfer machine.

2. **Load Transfer Paper:** Load the transfer paper from the back of the machine into the Transfer Paper Input slot. Ensure the paper is inserted straight and smoothly.



### Step 2: Load transfer paper from the back

Figure 5.2: Loading transfer paper into the machine.

3. **Place Original Pattern:** Place your original pattern (document) onto the Document Feeder slot at the front of the machine. Ensure the pattern faces down and is aligned correctly.



Figure 5.3: Placing the original pattern for transfer.

## 5.2 Setting Copy Modes and Depth

- **Mirror/Normal Mode:** Select "MIRROR" for standard tattoo stencils (most common) or "NORMAL" if your design does not need to be mirrored.
- **Deepness Settings:** Adjust the "DEEPNESS" setting (1 or 2) based on the desired darkness and detail of the stencil. Experiment to find the best setting for your specific design and transfer paper.

## 5.3 Starting the Transfer

1. **Press COPY:** Once the paper and document are loaded and settings are selected, press the "COPY" button to start the transfer process.
2. **Monitor Progress:** The machine will feed the document and transfer paper through, creating the stencil.
3. **Retrieve Stencil:** Once the process is complete, retrieve the stenciled transfer paper from the Transfer Paper Output.



Figure 5.4: Examples of high-quality transferred stencils.

4. **Rest Period:** To ensure optimal transfer effect and protect the machine, allow it to rest for a few minutes after transferring 1-2 sheets. Avoid continuous operation for prolonged periods.

## 5.4 Video Demonstration

For a visual guide on setting up and operating the machine, please watch the official product video below.

Your browser does not support the video tag.

**Video 5.1:** Official demonstration of the YILONG YL Thermal Tattoo Stencil Printer Machine setup and operation. This video shows the unboxing, loading of stencil paper, and the transfer process.

## 6. MAINTENANCE

- **Cleaning Rollers:** Regularly clean the rubber guide rollers to prevent ink buildup, which can affect paper feeding and transfer quality. Use a soft, damp cloth.
- **Dust Removal:** Keep the machine free from dust and debris. Use a soft brush or compressed air to clean vents and paper paths.

- **Storage:** When not in use, store the machine in a dry, cool place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine not powering on.	Power cord not connected; power switch off; power outlet issue.	Check power cord connection; ensure power switch is on; test power outlet with another device.
Poor transfer quality (faint or incomplete stencil).	Incorrect deepness setting; worn-out transfer paper; dirty rollers; original document too light.	Adjust deepness setting; use new, high-quality transfer paper; clean rubber guide rollers; ensure original document has clear, dark lines.
Paper jams or does not feed properly.	Paper not inserted straight; dirty rollers; paper too thick or thin.	Ensure paper is inserted straight; clean rubber guide rollers; use recommended paper thickness (0.06mm-0.15mm).
Machine overheats or stops working after a few transfers.	Continuous operation without cooling period.	Allow the machine to rest for a few minutes after 1-2 sheets of transfer to prevent overheating.
Error light illuminated.	General error; paper jam; overheating.	Press the "STOP" button, check for paper jams, allow the machine to cool down, then restart. If the issue persists, contact support.

## 8. SPECIFICATIONS

type:transfer machine	effectiveprinting width:210mm
scanningmode:cis	working temperature:5°C-35°C
effective scanning width:210mm	relative humidity:20%-80%
document size:A5-A4	weight:1.17kg
document thickness:0.06mm-0.15mm	cubage:290mm(w)X180mm(D)V80mm(h)



Figure 8.1: Technical specifications of the YILONG YL Thermal Tattoo Stencil Printer Machine.

- **Item:** Thermal Stencil Transfer Copier / Tattoo Transfer Machine
- **Scanning Mode:** CIS
- **Effective Scanning Width:** 210 mm
- **Document Type:** Fine/Photo
- **Document Size:** A5-A4
- **Document Thickness:** 0.06 mm - 0.15 mm
- **Recording Mode:** TPH
- **Effective Printing Width:** 210 mm
- **Power:** AC 110V-220V; 50Hz/0.46A
- **Power Consumption:** Standby 5W
- **Working Temperature:** 5°C - 35°C
- **Relative Humidity:** 20% - 80%
- **Weight:** 1.17 kg
- **Dimensions (W x D x H):** 290 mm x 180 mm x 80 mm
- **Connectivity Technology:** USB
- **Printing Technology:** Thermal
- **Special Feature:** Portable, Decal Printing

- **Color:** Black
- **Printer Output:** Monochrome
- **Controller Type:** Button Control
- **Maximum Media Size:** 8.5 x 11 inches

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official YILONG website. Keep your purchase receipt as proof of purchase.