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Procolored F13 Panda

Procolored F13 Panda DTF Printer User Manual

Model: F13 Panda (F13-XMJZ)

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Procolored F13 Panda DTF Printer. Please read this manual thoroughly before using the printer to ensure optimal performance and longevity.



Figure 1: Procolored F13 Panda DTF Printer.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the printer:

- Ensure the printer is placed on a stable, level surface.
- Connect the printer to a grounded power outlet with the correct voltage (AC 100-230V).
- Do not expose the printer to water or excessive humidity.
- Keep hands clear of moving parts during operation.
- Use only recommended inks and cleaning solutions.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Procolored F13 DTF Printer
- Roll Film 13"
- DTF Ink Set (CMYK+WW)
- Nozzle Protection Fluid
- DTF Powder
- Plastic Support
- Data Cable (USB)
- Power Cable
- Moisturizing Device
- Waste Bottle
- Cartridge
- Spare Ink Tube
- Roller Bracket
- Ink Pad
- Wiper
- Cutter Blade
- USB Dongle
- Syringe
- Screwdriver
- Roller Bar
- Extension Tube
- Needle Hub
- Spring
- Swab



Figure 2: Included accessories for the Procolored F13 DTF Printer.

4. SETUP GUIDE

4.1 Unboxing and Initial Placement

Carefully remove the printer and all components from the packaging. Place the printer on a sturdy, level surface in a well-ventilated area.

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Video 1: Procolored F13 DTF Printer Unboxing. This video demonstrates the unboxing process and initial setup steps for the printer.

4.2 Film Roll Installation

Install the 13-inch DTF film roll onto the designated holder at the rear of the printer. Ensure the film feeds smoothly into the printer mechanism.

4.3 Ink System Setup

Fill the ink tanks with the corresponding DTF pigment inks (Cyan, Magenta, Yellow, Black, White, Light Cyan). Ensure the white ink circulation system is properly connected and functioning to prevent clogging.



Figure 3: Illustration of the advanced white ink system, showing circulation, siphon effect, and automatic cleaning.

4.4 Power Connection and Software Installation

Connect the power cable to the printer and a suitable power outlet. Install the Procolored RIP software (compatible with Windows 7/10/11) on your computer. Follow the on-screen instructions for software installation and driver setup.



Figure 4: Overview of the Procolored RIP software interface and available tutorials.

5. OPERATING INSTRUCTIONS

5.1 Preparing for Print

1. Power on the printer using the main switch.
2. Ensure the DTF film is correctly loaded and aligned.
3. Open the Procolored RIP software on your computer.
4. Import your design and adjust settings such as size, resolution (up to 1440x1440dpi), and color profile.

5.2 Printing Process

Initiate the print job from the software. The printer will feed the film and apply ink. The built-in cutter will automatically trim the film after printing, optimizing material usage.

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Video 2: Procolored F13 DTF Printer in operation. This video demonstrates the printing process, including film feeding and ink application.

5.3 Post-Printing

After printing, apply DTF powder to the wet ink and cure it using a DTF oven or heat press. Once cured, the design is ready for transfer to textiles.

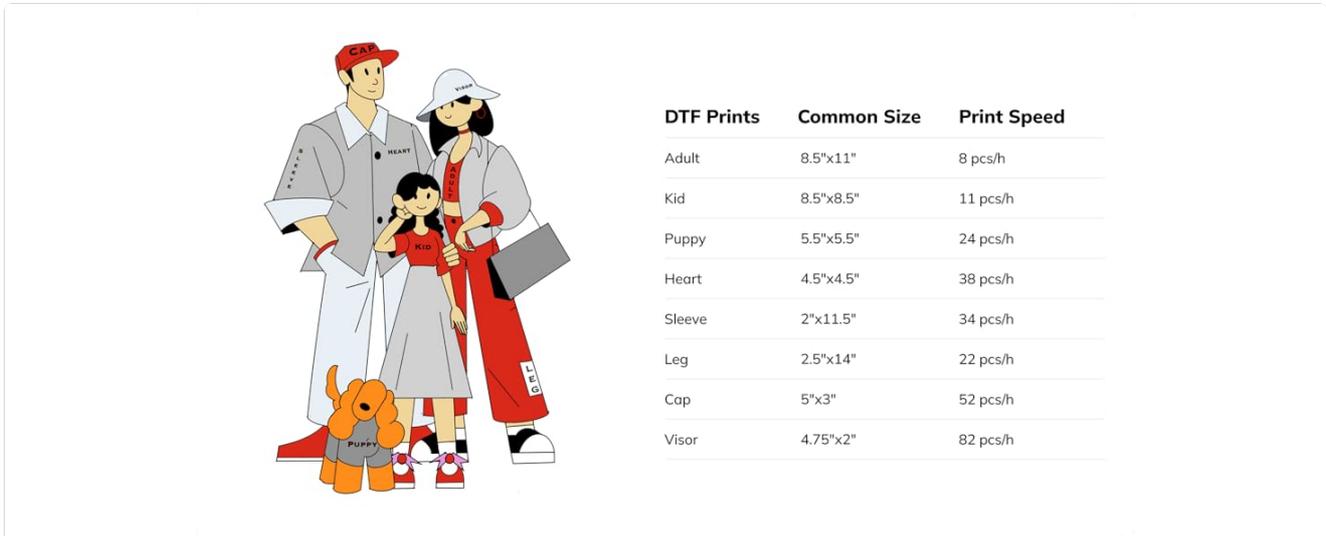


Figure 5: Examples of versatile applications for DTF prints, including shirts, flags, tote bags, and caps.

6. MAINTENANCE

6.1 Automatic Cleaning System

The F13 Panda DTF Printer features an automatic cleaning system that operates even when the printer is powered on. This system helps prevent print head clogs and ensures consistent print quality. Regular use of this feature is recommended.

6.2 White Ink Circulation

The printer includes a white ink circulation system with a siphon filtration diaphragm pump. This system minimizes blockages and maintains the quality of white ink. Ensure the system is always active during operation.

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Video 3: F13 L1800 DTF Apparel Printer features. This video highlights the white ink circulation and automatic cleaning functions.

6.3 General Cleaning

Periodically clean the exterior of the printer with a soft, damp cloth. Refer to the software's maintenance section for specific print head cleaning procedures if needed.

7. TROUBLESHOOTING

If you encounter issues with your printer, consider the following common solutions:

- **Print Quality Issues:** Perform a nozzle check and head cleaning through the software. Ensure ink levels are sufficient.
- **Film Feeding Problems:** Check for obstructions in the film path and ensure the film roll is correctly installed and aligned.

- **Software Errors:** Restart the software and the printer. Ensure your software and drivers are up to date.
- **Connectivity Issues:** Verify USB cable connection and ensure the printer is powered on.

For persistent issues, contact Procolored customer service.

8. SPECIFICATIONS

| Feature | Specification |
|--------------------------------|---|
| Brand | Procolored |
| Model Name | F13-XMJZ |
| Connectivity Technology | USB |
| Printing Technology | Inkjet |
| Special Feature | Portable |
| Printer Output | Color |
| Maximum Print Speed (Color) | 1 ppm |
| Max Printspeed Monochrome | 1 ppm |
| Product Dimensions (D x W x H) | 16.53"D x 34.25"W x 16.4"H |
| Ink Color | Cyan, Magenta, Yellow, Black, White, Light Cyan |
| Resolution | 1440 x 1440 dpi |
| Maximum Media Size | A3 (13 Inches) |
| Software Support | Windows 7/10/11 |
| Specific Uses For Product | Textile Printing |

9. WARRANTY AND SUPPORT

Your Procolored F13 Panda DTF Printer comes with a comprehensive warranty:

- **Print Head and Related Components:** Six-month warranty.
- **Other Accessories:** One-year warranty.

Our dedicated customer service team is available 24/6 to address any queries or technical issues you may encounter. Please refer to your purchase documentation for specific contact details.