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› PUNEHOD L1800 A3 DTF Printer User Manual

PUNEHOD L1800

PUNEHOD L1800 A3 DTF Printer User Manual

Model: L1800 | Brand: PUNEHOD

1. INTRODUCTION

The PUNEHOD L1800 A3 DTF Printer is designed for direct-to-film transfer printing, offering a versatile solution for customizing various fabric types. This manual provides essential information for the safe and efficient operation of your printer, covering setup, usage, maintenance, and troubleshooting.

2. SAFETY INFORMATION

- Always operate the printer in a well-ventilated area.
- Keep ink and cleaning solutions out of reach of children and pets.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling inks and powders.
- Ensure the printer is connected to a grounded power outlet.
- Do not attempt to modify the printer or its components. Refer to qualified technicians for repairs.

3. PACKAGE CONTENTS

Before beginning setup, verify that all items are present in the package:

- PUNEHOD A3 DTF Printer
- 6 x 250ml DTF Inks (CMYK+WW)
- 500g DTF Powder
- 100m Roll Films
- Software Drivers
- How-to Video (digital access)

Note: The printer and ink may be shipped separately.

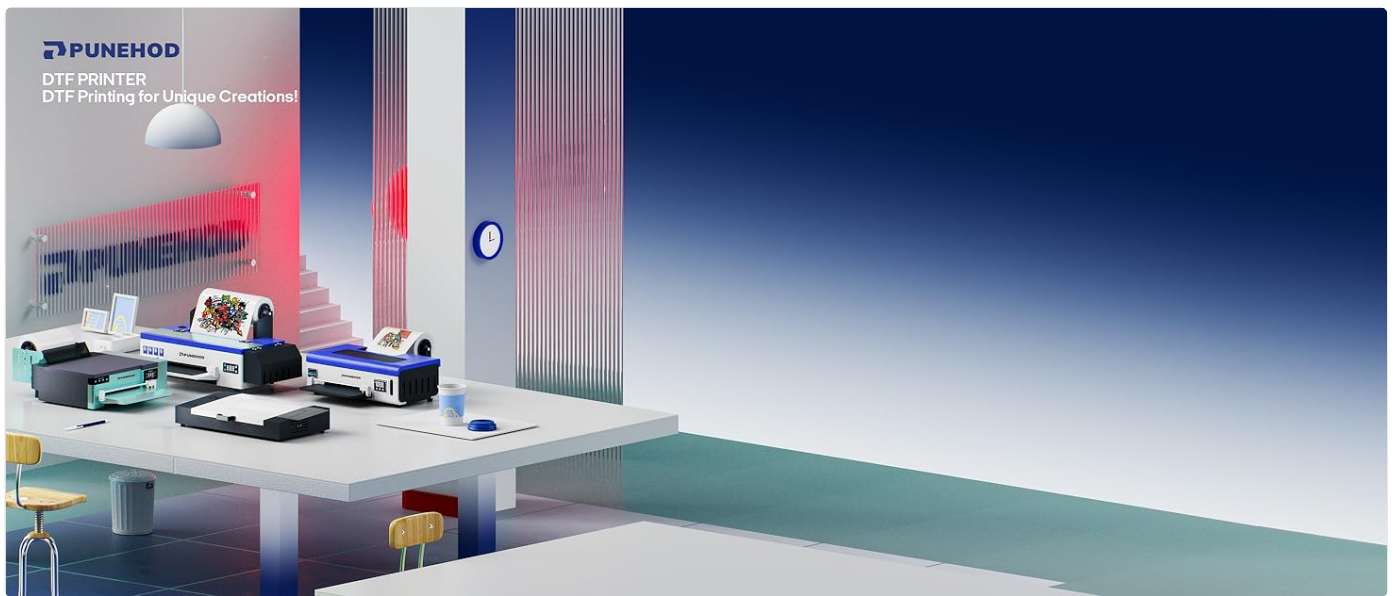


Image: Overview of the PUNEHOD DTF Printer and included accessories.

4. SETUP GUIDE

4.1 Printer Assembly

Carefully remove the printer from its packaging. Attach any external components such as the roll feeder according to the provided instructions. Ensure all connections are secure.

A3/A4 Print Area Comparison

Please select the correct model according to your needs



Image: The PUNEHOD L1800 DTF Printer with the roll feeder correctly installed.

4.2 Ink Installation

Open the ink tank cover. Carefully fill each ink tank with the corresponding color of DTF ink (CMYK+WW). Ensure not to overfill. After filling, close the cover securely. The printer features a white ink circulation system to prevent clogging.



Image: A close-up view of the ink tanks on the PUNEHOD L1800 DTF Printer, showing the CMYK+WW configuration.

4.3 Software Installation

Install the provided RIP software drivers on your computer. Follow the on-screen instructions for a complete installation. The software is essential for preparing your designs for printing.

Your browser does not support the video tag.

Video: This video demonstrates the setup process for a PUNEHOD DTF printer, including assembly and ink filling. It provides a visual guide to the initial steps.

5. OPERATING INSTRUCTIONS

5.1 Loading DTF Film

Load the DTF film onto the roll feeder. Ensure the film is aligned correctly and feeds smoothly into the printer. The printer supports A3 size film (13 inches wide).

5.2 Printing Your Design

1. Prepare your design in the RIP software, ensuring correct color profiles and print settings.
2. Send the design to the printer. The printer will apply CMYK+WW inks to the DTF film.
3. Once printing is complete, carefully remove the printed film.

Vibrant Print Colors

Experience unrivaled high definition, remarkable high precision, and enjoy enduring durability that stands the test of time.



Image: The PUNEHOD L1800 DTF Printer actively printing a design onto the transfer film.

5.3 Applying DTF Powder and Curing

After printing, evenly apply DTF hot melt adhesive powder to the wet ink on the film. Shake off any excess powder. Cure the film using a heat press or oven according to the powder manufacturer's instructions. This melts the powder onto the ink, creating the adhesive layer.

5.4 Heat Press Transfer

Place the cured film onto your desired fabric (T-shirts, caps, bags, etc.) with the design facing down. Use a heat press to transfer the design from the film to the fabric. Refer to your heat press and film manufacturer's guidelines for optimal temperature and time settings. Once cooled, peel off the film to reveal your transferred design.

Punehod Buying Guide

	DTF Printer A3 L1800	DTF Printer A4 L800
		
Model	L1800 DTF Printer	L800 DTF Printer
Maximal Print Wide	13 inch	8.3 inch
Printing Software	Atusums Rip	Atusums Rip
Operation System	Windows	Windows
Print SpeedInk	7min [A4 format pattern]	5min [A4 format pattern]
Consumption	1 sq.m/20 ml	1 sq.m/20 ml
Size [L*W*H]	80*33*22cm	54*29*20cm
Weight	20kg/44lb [Only Printer]	11 kg/24lb [Only Printer]

Image: An example of a vibrant design successfully transferred onto a t-shirt using the DTF printing method.

6. MAINTENANCE

6.1 White Ink Circulation System

The PUNEHOD L1800 features an automatic white ink circulation system. This system helps prevent white ink from settling and clogging the print head. Ensure the system is active during operation and perform regular checks to confirm proper function.



Image: A visual representation of the white ink circulation system and other key advantages of the printer.

6.2 Print Head Cleaning

Regular print head cleaning is crucial for maintaining print quality and preventing clogs. The printer is equipped with a one-click cleaning function. Refer to the control panel for initiating this process. Perform a nozzle check before and after cleaning to verify effectiveness.

6.3 Waste Ink Bottle Maintenance

The waste ink bottle collects excess ink from cleaning cycles. Regularly check and empty the waste ink bottle to prevent overflow. Keep the area around the waste ink bottle clean.



Image: Illustration of the waste ink bottle and associated tubing, highlighting the importance of regular cleaning.

7. TROUBLESHOOTING

7.1 Print Quality Issues

- **Streaks or Missing Lines:** Perform a nozzle check and print head cleaning. Ensure ink levels are sufficient.
- **Faded Colors:** Check ink levels. Verify color profiles in your RIP software.
- **White Ink Clogging:** Ensure the white ink circulation system is functioning. Perform multiple print head cleaning cycles.

7.2 Printer Not Responding

- Check power connections and ensure the printer is turned on.
- Verify USB or network cable connections to your computer.
- Restart both the printer and your computer.
- Ensure printer drivers are correctly installed and updated.

7.3 Software Errors

- Consult the RIP software manual for specific error codes.
- Ensure your operating system is compatible with the software.
- Reinstall the software if issues persist.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Model	L1800 DTF Printer
Printhead	L1800
Color Configuration	CMYK+WW 6-Color
Print Accuracy	1440x1440 DPI
Printing Mode	Roll-Fed
Max. Print Width	13 inches / 330mm
Printing Speed (Letter/A4)	Approx. 10 minutes
Applicable System	Windows
Product Dimensions	18"D x 33"W x 20"H (45.7cm D x 83.8cm W x 50.8cm H)
Item Weight	82 Pounds (37.2 kg)
Material	Metal
Color	Blue

Printer Advantages

- External Roll Film**: Shows a roll of white film being fed into the printer.
- Built-in Safety Film**: Shows a blue safety film mechanism on the printer's rollers.
- CMYK+WW 6-Color**: Displays six ink cartridges (Cyan, Yellow, Magenta, White, White, Black).
- Easy-to-use Buttons**: Shows the printer's control panel with four large, blue buttons.
- White Ink Circulation System**: Shows a close-up of the white ink circulation mechanism.
- 1440 HIGH** and **100%**: Highlights the printer's resolution (HD 1440x1440 DPI) and 100% Transfer Rate.

Image: Detailed printer parameters and dimensions for the PUNEHOD L1800 DTF Printer.



PUNEHOD
A3 L1800 DTF PRINTER
DTF Printing for
Unique Creations!

Image: A visual comparison of US Letter, A4, and A3 print area sizes, highlighting the A3 capacity of the printer.

9. WARRANTY AND SUPPORT

PUNEHOD provides dedicated customer support for its products.

- **Printhead Warranty:** 3 months
- **Other Parts Warranty:** 12 months
- **Technical Support:** 24/7 assistance from professional engineers.

For any installation or printing issues, please contact our technical support team. You can find contact information through your order page or the after-sales service channels provided with your product. Our team aims to respond within 24 hours.

Printer Parameters

Brand	Punehod
Model	A3 DTF Printer
Printhead	L1800
Color Configuration	CMYK+WW
Print Accuracy	1440*1400 DPI
Printing Mode	Roll-Fed
Max. Print Width	13inch / 330mm
Printing speed	Letter/A4: 10min
Applicable System	Windows

Image: Information regarding PUNEHOD's professional support, including warranty periods and availability.