

DXZ i3200 DTF Printer

DXZ A3 DTF Printer User Manual

Model: i3200 DTF Printer

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your DXZ A3 DTF Printer, Model i3200. This high-speed apparel printer is designed for direct-to-film (DTF) printing on various textiles, utilizing an i3200 printhead and a 4.5-inch LED multi-function touch screen for precise control. Please read this manual thoroughly before initial use and retain it for future reference.

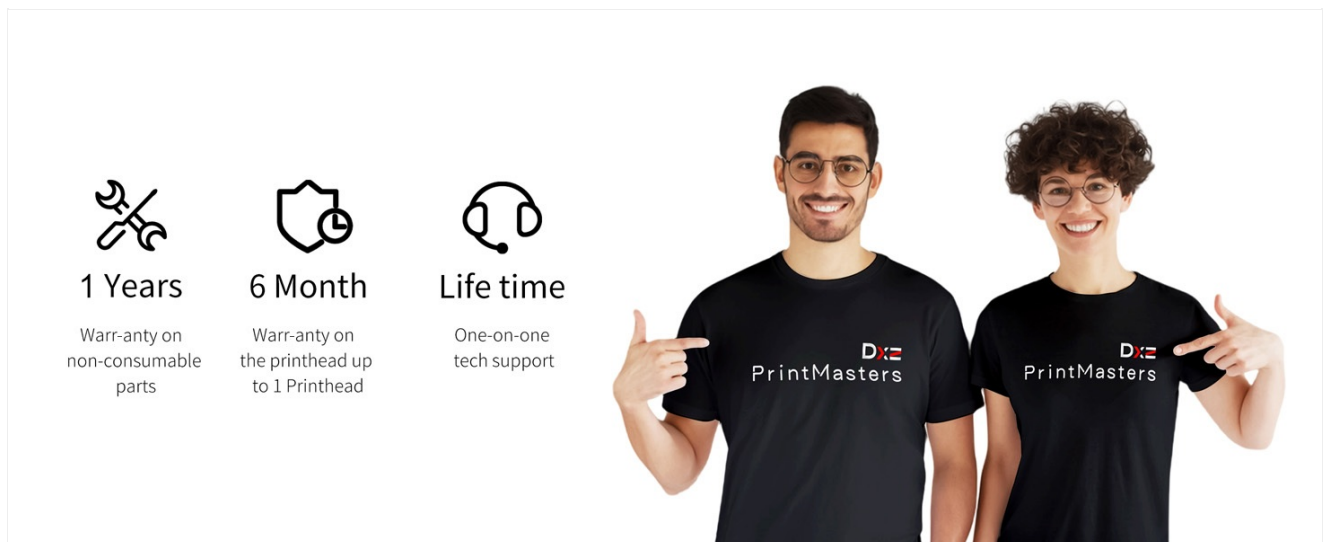


Figure 1.1: DXZ A3 DTF Printer (Model i3200) in operation.



Figure 1.2: Front view of the DXZ A3 DTF Printer.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the printer or injury to yourself:

- Always connect the printer to a grounded power outlet.
- Do not operate the printer in areas with excessive dust, humidity, or extreme temperatures.
- Keep ink and cleaning solutions out of reach of children and pets. Use in a well-ventilated area.
- Avoid touching the printhead directly.
- Turn off and unplug the printer before performing any maintenance or cleaning procedures.
- Ensure proper ventilation around the printer during operation.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- DXZ i3200 DTF Printer
- DTF Ink (CMYKW)
- Transfer Film
- DTF Powder
- Maintenance Kit
- Cleaning Kit
- Cutter Kit
- Software (on flash drive)
- User Manual (this document)

4. SETUP

4.1 Unpacking and Placement

- Carefully remove the printer from its packaging.
- Place the printer on a stable, level surface with adequate space for operation and ventilation.
- Remove all protective tapes and packing materials.

4.2 Ink Loading

The printer features a one-click ink loading system for ease of use.

- Open the ink tank covers.
- Pour the corresponding CMYKW DTF inks into their designated tanks.
- Close the ink tank covers securely.
- Press the one-click ink loading button on the control panel to prime the ink system.

4.3 Software Installation

- Insert the provided flash drive into your PC.
- Follow the on-screen instructions to install the RIPPrint software.
- Connect the printer to your PC using the supplied USB cable.

4.4 Power Connection

- Connect the power cable to the printer and then to a grounded electrical outlet.
- Turn on the printer using the power switch.



One-Touch Ink Extraction

Print Speed: 50 SQ FT/HR



Waste Ink Overflow Alarm



Hosonsoft Motherboard
Industry-Leading Motherboard
Precise and Stable

A3Pro size
Length: Unlimited
Width: 13 in/33cm



Ink Low-Level Alarm
Prevents interruptions by alerting you before ink runs out.



One-Touch Cleaning Function
Effectively Prevents Ink Clogs in the Print Head



Suction Platform
Keeps film flat and stable for accurate printing.



Heating Platform
Speeds up curing for durable, vibrant prints.

Figure 4.1: Key features and components of the DXZ A3 DTF Printer.

5. OPERATING INSTRUCTIONS

5.1 Using the Digital Touch Panel

The printer is equipped with a 4.5-inch LED multi-function touch screen for intuitive control. Parameters such as print margins, print speed, and maintenance settings can be adjusted directly from this panel.

Digital touch panel

LED digital touch panel — adjust parameters freely with simple, intuitive operation.



Figure 5.1: Digital touch panel for printer control.

5.2 Printing Process Overview

1. **Prepare Design:** Use the RIPPrint software on your PC to prepare your design for printing.
2. **Load DTF Film:** Load the DTF transfer film into the printer. The suction platform helps keep the film flat and stable for accurate printing.
3. **Print:** Initiate the print job from the software or the printer's control panel. The i3200 printhead delivers high-resolution prints with vibrant colors.
4. **Apply Powder:** After printing, apply DTF powder evenly to the wet ink on the film.
5. **Cure:** Use a curing oven or heat press to cure the powder onto the film. The printer's integrated heating platform assists in speeding up the curing process for durable prints.
6. **Transfer:** Once cured, the design is ready to be transferred to the garment using a heat press.

5.3 Advanced Color Calibration

The printer supports advanced color calibration standards (G7 certified) to ensure accurate and consistent color output. Refer to the software manual for detailed calibration procedures.

Advanced Color Calibration

Printing color standards are internationally certified to ensure more accurate color output.



G7

Certified by top printing technology authorities in 7 countries



Figure 5.2: G7 certified advanced color calibration ensures accurate color output.

5.4 Precision Paper Cutter

The integrated precision paper cutter allows for smooth and accurate cutting of the DTF film, reducing waste and simplifying post-printing handling.



Figure 5.3: Precision paper cutter for efficient film handling.

6. MAINTENANCE

Regular maintenance is crucial for optimal printer performance and longevity.

6.1 White Ink Management System

The DXZ i3200 features a White Ink Management System that combines stirring, purification, and circulation to prevent white ink settling. This system ensures consistent ink flow, reduces clogging, and maintains print quality.



Figure 6.1: White Ink Management System components.

6.2 Intelligent Auto-Cleaning

The printer includes an intelligent auto-cleaning function that can be scheduled to perform self-maintenance at set times. This feature helps prevent printhead clogs and ensures consistent print quality.

Intelligent auto-cleaning

At your set time, the machine performs self-maintenance, giving you worry-free travel.



Figure 6.2: Intelligent auto-cleaning schedule.

6.3 Ink Level and Waste Ink Alarms

The printer is equipped with an ink low-level alarm to notify you before ink runs out, preventing interruptions. A waste ink overflow alarm is also present to indicate when the waste ink tank needs attention.

6.4 General Cleaning

- Regularly wipe down the exterior of the printer with a soft, damp cloth.
- Refer to the cleaning kit instructions for specific printhead and component cleaning procedures.
- Ensure the waste ink tank is emptied periodically to prevent overflow.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact technical support.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Poor print quality (streaks, missing colors)	Clogged printhead nozzles, low ink levels, incorrect print settings.	Perform a printhead cleaning cycle. Check ink levels and refill if necessary. Verify print settings in software.
Printer not responding	Loose USB cable, power issue, software error.	Check USB connection. Ensure printer is powered on. Restart printer and computer.
White ink settling	White ink circulation system not active or malfunctioning.	Ensure the white ink circulation system is enabled. Perform a manual stirring cycle if available. Contact support if issue persists.
Error message on touch screen	Specific printer malfunction.	Note the error code and consult the software manual or contact technical support.

8. SPECIFICATIONS

Detailed technical specifications for the DXZ A3 DTF Printer (Model i3200):



Figure 8.1: DXZ A3 DTF Printer dimensions and specifications.

Feature	Detail
Brand	DXZ
Model Name	i3200 DTF Printer
Connectivity Technology	USB
Printing Technology	Inkjet (DTF)
Printhead	Epson i3200 HD
Special Features	Auto-Cleaning, 24/7 Auto-Maintenance, White Ink Circulation
Color	White
Printer Output	Color

Feature	Detail
Maximum Print Speed (Color/Monochrome)	500 mm ² /s (equivalent to 50 sq ft/hr)
Print Resolution	2800x1400 dpi (High Precision 1440 dpi)
Item Weight	151 Pounds
Item Dimensions (D x W x H)	34.32"D x 13.8"W x 16.9"H
Compatible Devices	PC (Windows Operating System)
Maximum Media Size	A3 (13 inches / 33 cm wide)
Ink Consumption	1 sq.m / 20ml

9. WARRANTY AND SUPPORT

9.1 Warranty Information

- **Printer:** 1-year warranty on non-consumable parts.
- **Printhead:** 6-month warranty on the printhead (up to 1 printhead).

9.2 Technical Support

DXZ provides professional after-sales technical support. If you encounter any issues during installation or operation, please contact our support team:

- **Technical Support Phone:** +86 1587-472-8347
- **Email:** printmasters1@outlook.com

Support is available within 24 hours for professional assistance.



Figure 9.1: Warranty and technical support details.



Figure 9.2: DXZ customer service and technical support contact information.

