Domino VX150i TTO Simple Assembly Guide

Introduction
The Domino VX150i Thermal Transfer Overprinter (TTO) is a high-performance industrial labeling device widely used in food, beverage, and pharmaceutical packaging. Its modular design ensures simple and quick assembly, including components like the display screen, data cables, RO cable (interconnect cable), encoder, power cord, and ribbon (color ribbon). This guide details the VX150i's assembly steps and startup process, helping users quickly set up the device for efficient operation.

Keywords: Domino VX150i thermal transfer overprinter simple assembly ribbon installation startup process
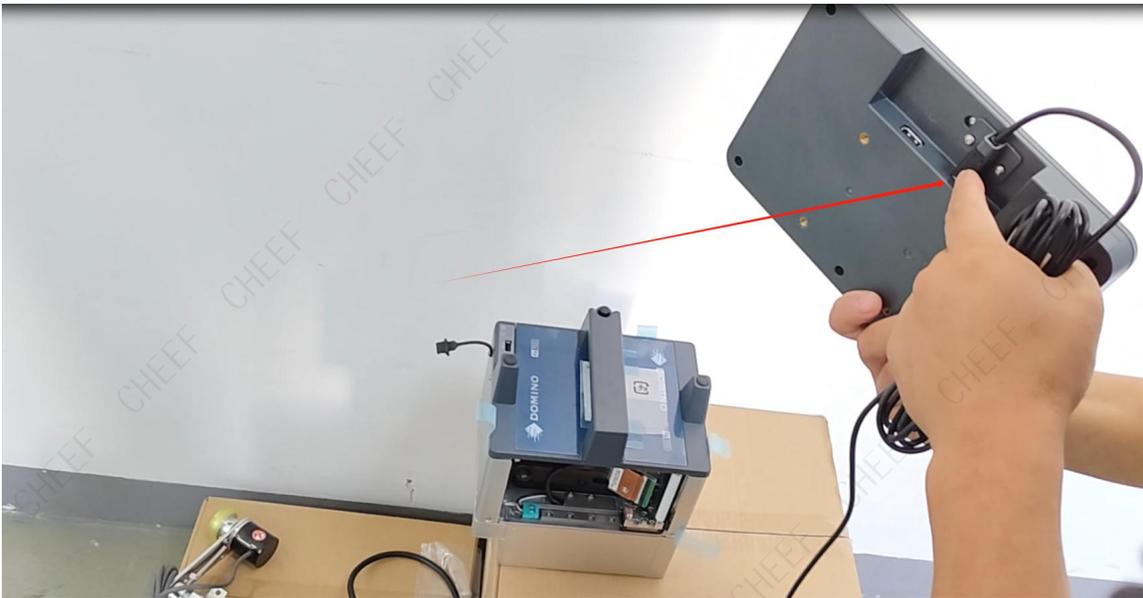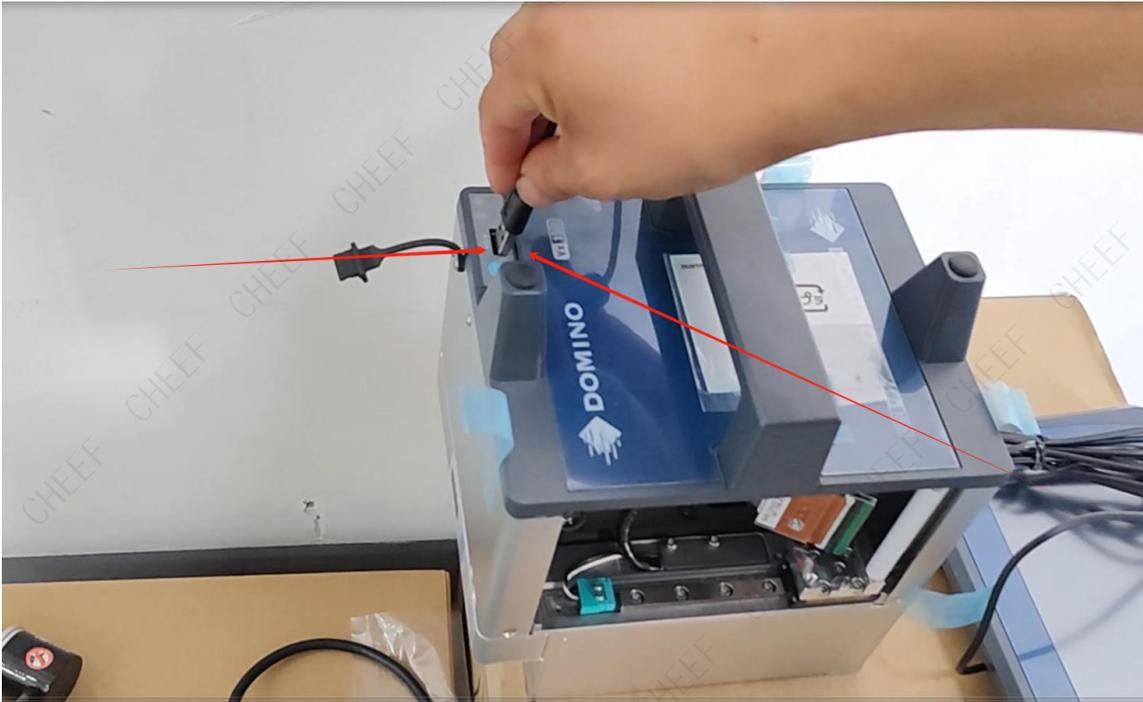
1. Overview of VX150i Assembly
The VX150i assembly involves connecting the display screen, data cables, RO cable, encoder, power cord, installing the ribbon, and powering on the device. All components are modular, making installation straightforward and suitable for rapid deployment.
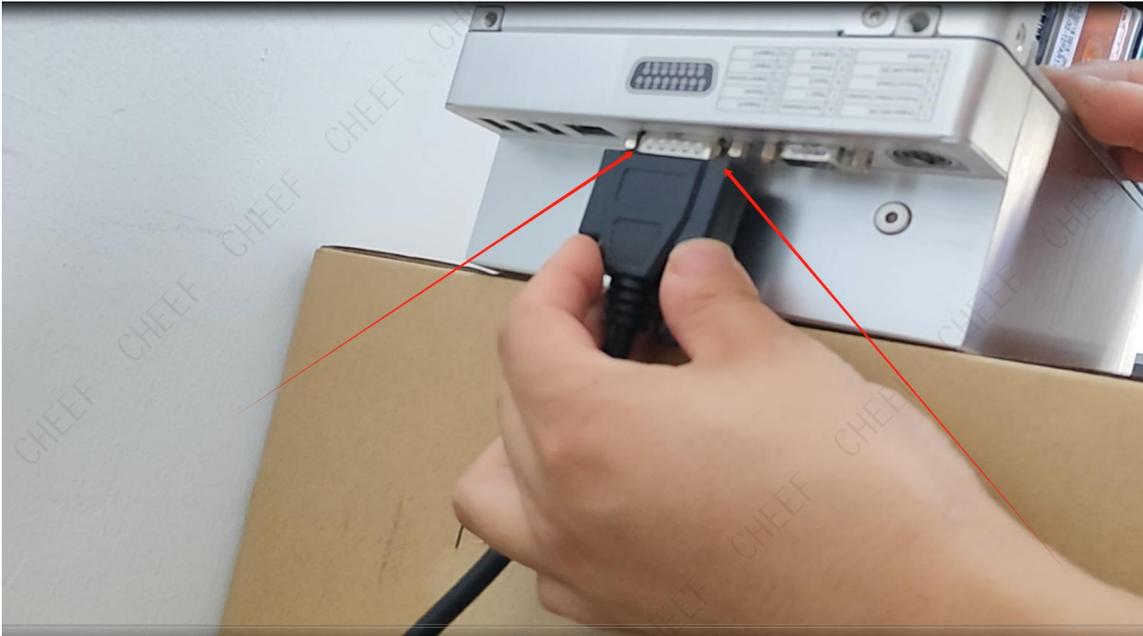
2. Assembly Steps
Step 1: Install the Display Screen
- Secure the display screen on its designated bracket, ensuring stability.
- Use the display data cable, connecting one end to the display's interface and the other to the USB port on the front of the printer.
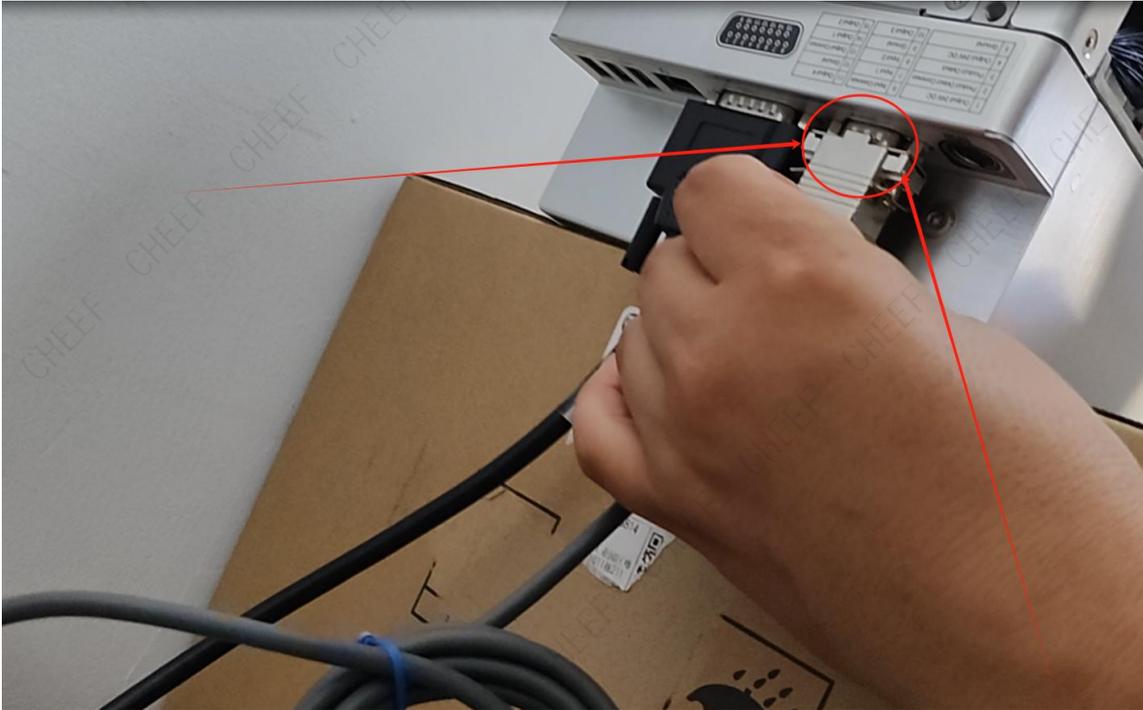
Step 2: Connect the RO Cable (Interconnect Cable)
- Take the RO cable (also called the interconnect cable) and plug one end into the printer's RO interface and the other into the corresponding port on the display or controller.
- Lock the cable interfaces to ensure a secure connection and avoid signal interruption.
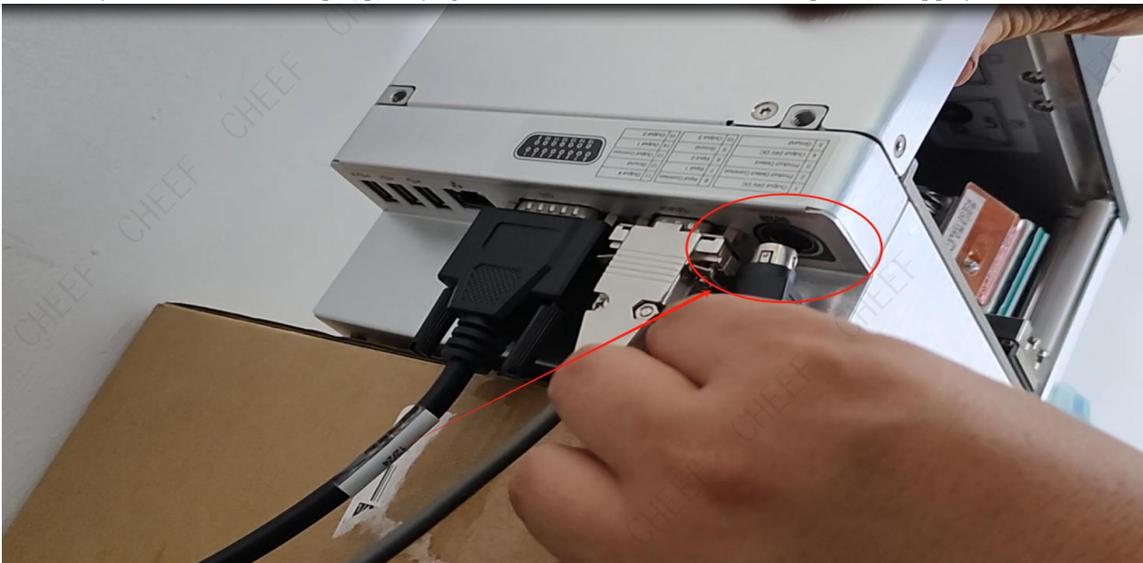
Step 3: Connect the Encoder
- Insert the encoder into the printer's encoder interface (typically located on the side or back of the device).
- Ensure the encoder plug aligns with the socket and push gently until secure.
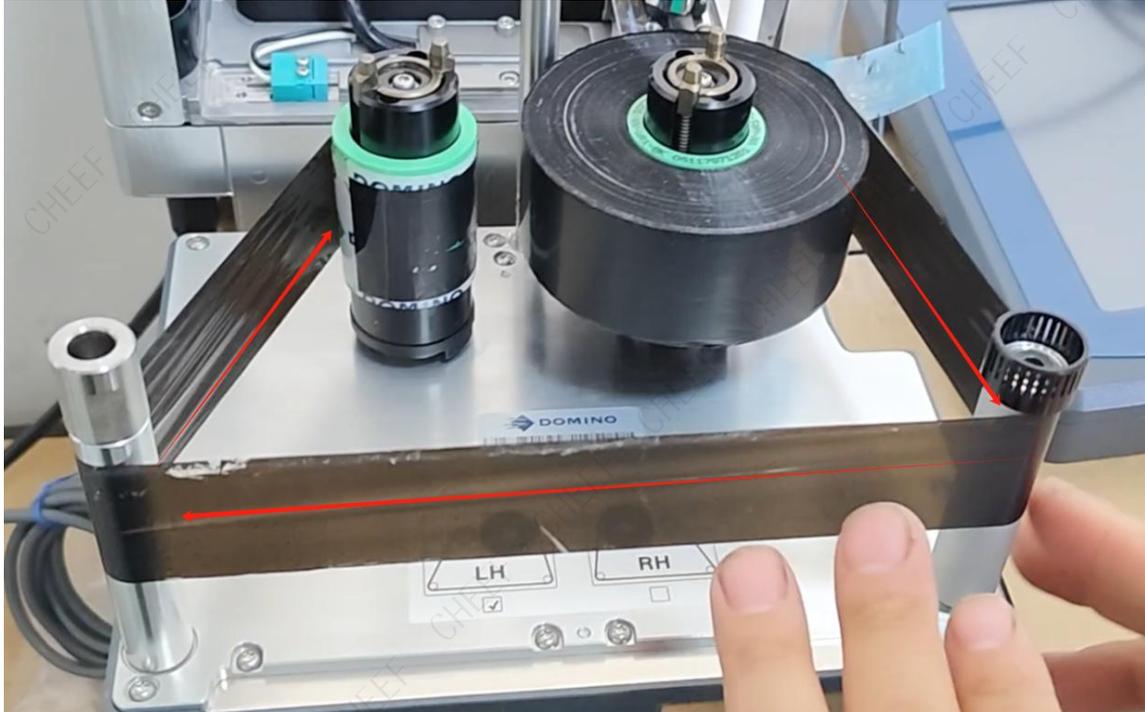


Step 4: Connect the Power Cord
- Plug one end of the power cord into the printer's power interface and the other into a power strip or standard outlet.
- Verify the outlet is properly grounded to ensure stable power supply.

Step 5: Install the Ribbon (Color Ribbon)
- Open the printer's front panel by pressing the release button to remove the ribbon compartment.
- Select the appropriate ribbon type—Left Hand (LH) or Right Hand (RH)—noting that the VX150i typically uses LH.
- Install one end of the ribbon on the supply spindle and the other on the take-up spindle, ensuring it snaps into place (listen for a "click").
- Tighten the ribbon to eliminate slack, then close and secure the front panel.

Step 6: Power On
- Locate the power button on the printer (usually on the side or back).
- Press and hold the power button for 3 seconds, then release; observe the red indicator light flashing and the display turning on.
- Wait approximately 10-20 seconds for the device to complete startup and display the main interface.



3. Precautions
- Ensure all cable connections are secure to prevent faults during operation.
- Use the original ribbon and confirm LH/RH type based on the device icon to avoid installation errors.
- Before powering on, verify the power cord and outlet compatibility (refer to the device manual).
- If the display doesn't respond or startup fails, check data cable and power connections or contact the supplier.

4. Common Questions and Answers
Question 1: What if the ribbon is loose after installation?
Answer: Reopen the front panel, check that the supply and take-up spindles are secure, and ensure the ribbon is taut.
Question 2: What if the display doesn't turn on after startup?
Answer: Confirm the display data cable and RO cable are properly connected; verify the power supply.
Question 3: What if the encoder doesn't function properly?
Answer: Check for loose encoder connections, reinsert, and ensure it's secure.

5. Conclusion
The Domino VX150i's simple assembly design makes device setup and startup quick and efficient. By following this guide, users can easily complete the installation of the

display screen, cables, encoder, power cord, and ribbon, and successfully start the device. Proper assembly ensures stable operation and meets production demands.

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Video Reference: https://youtu.be/SdtoRY9_AyY