

## Domino V320i TTO Ribbon Installation and Winding Guide

### Introduction

The Domino V320i Thermal Transfer Overprinter (TTO) is an advanced industrial labeling device widely used in industries such as food, beverage, and pharmaceuticals. Proper ribbon installation and winding are critical for ensuring print quality and device reliability. This guide details the ribbon installation and winding process for the V320i's left-side supply reel, helping users complete the operation efficiently to enhance production.

**Keywords:** Domino V320i thermal transfer overprinter ribbon installation ribbon winding industrial labeling

### 1. Overview of V320i TTO Ribbon Installation and Winding

The Domino V320i TTO ribbon installation and winding process is designed for the left-side supply reel. Each machine includes a ribbon winding diagram near the operation area, which users can follow to ensure correct winding and avoid errors. Key steps include:

- Prepare the Ribbon: Select a compatible ribbon, ensuring it is undamaged.
- Install the Ribbon: Place the ribbon on the left-side supply reel.
- Wind the Ribbon: Follow the designated path to wind the ribbon with proper tension.
- Check and Secure: Verify the ribbon path, secure it, and prepare for printing.

### 2. Ribbon Installation and Winding Steps

Follow these detailed steps to install and wind the ribbon on the V320i's left-side supply reel:

1. Prepare the Ribbon: Check that the ribbon is compatible with the V320i and free of creases or damage.
2. Place the Ribbon: Position the ribbon on the left-side supply reel, ensuring the spool aligns securely.
3. Start Winding: Pull the ribbon from the supply reel and follow the winding diagram path.
4. Pass Through First Guide Roller: Thread the ribbon through the first guide roller, ensuring it remains flat.
5. Continue to Second Guide Roller: Guide the ribbon upward to the second guide roller, maintaining proper tension.
6. Complete Winding to Take-Up Reel: Wind the ribbon to the take-up reel, following the diagram path.
7. Check and Secure: Verify the ribbon path matches the winding diagram, secure the ribbon, and close the cover.
8. Test Print: Start the device, run a test print, and confirm smooth ribbon operation.

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### 3. Detailed Instructions for Each Step

#### Prepare the Ribbon

Operation Method: Select a ribbon compatible with the V320i, inspecting for damage or creases.

Use Case: Ensures print quality and prevents failures due to ribbon issues.



#### Place the Ribbon

Operation Method: Place the ribbon spool on the left-side supply reel, ensuring secure alignment to avoid loosening.

Use Case: Proper ribbon placement is the foundation for correct winding.



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Start Winding and Pass Through First Guide Roller

Operation Method: Pull the ribbon from the supply reel, thread it through the first guide roller per the winding diagram, ensuring it is flat and untwisted.

Use Case: Ensures smooth ribbon movement during printing.



Continue to Second Guide Roller

Operation Method: Guide the ribbon upward to the second guide roller, maintaining appropriate tension to avoid slack or overtightening.

Use Case: Correct tension ensures clear prints and extends ribbon life.



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### Complete Winding to Take-Up Reel

Operation Method: Wind the ribbon to the take-up reel, following the winding diagram to complete the path.

Use Case: Proper winding to the take-up reel ensures ribbon recycling.



### Check and Secure

Operation Method: Verify the ribbon path against the winding diagram, secure the ribbon, and close the device cover.

Use Case: Prevents ribbon misalignment or detachment during printing.



### Test Print

Operation Method: Start the device, select a test template, and print to confirm smooth ribbon operation.

Use Case: Validates correct ribbon installation and winding.



### 4. Common Questions and Answers

Question 1: What if the ribbon is slack after winding?

Answer: Check the ribbon tension and rethread it according to the winding diagram, ensuring it is flat at each guide roller.

Question 2: What if the print is blurry after ribbon installation?

Answer: Confirm the ribbon model is correct, check if the printhead is clean, and reinstall the ribbon if needed.

Question 3: How to ensure the correct winding path?

Answer: Strictly follow the winding diagram on the machine, verifying each guide roller and take-up reel path.

### 5. Conclusion

The Domino V320i TTO's ribbon installation and winding process is straightforward, with the machine's winding diagram ensuring accuracy. This guide enables users to master ribbon installation, guaranteeing print quality and stable device operation.



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### Contact Us

For additional support with ribbon installation or to purchase Domino V320i accessories, contact Cheef:

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