

## Low-Torque Option (LTO) for the TWIN-CAT-2 Dual-Spindle Rewinder - User Manual -



*The Low-Torque Option Control Knobs  
are located on the rear panel of the  
TWIN-CAT-2 Rewinder.*

The LTO (Low-Torque Option) for TWIN-CAT-2 Rewinders is a factory-installed option that adds supplemental Torque Limit Control Knobs to limit the maximum torque a TWIN-CAT-2 Rewinder can produce. The Controls provide a “cushioning” effect in situations where the printer may start and stop abruptly. This feature is useful for delicate labels, such as very narrow labels or labels made from a fragile material. It is also useful for rewinding from some ink-jet printers that may be sensitive to the amount of rewind force to avoid “barring” or losing registration.

**INFORMATION NOTE:** The LTO Torque Limit Control Knob works in conjunction with the main Torque Adjust Knob on the TWIN-CAT-2 Control Panel. You will notice interaction between the two Control Knobs. This is normal. Think of the Torque Adjust Knob on the Main Control Panel as a “coarse” speed / torque adjustment and the LTO Torque Limit Control as a “fine tuning” adjustment.

### OPERATION

1. For basic operating instructions for your TWIN-CAT-2 Rewinder, refer to the TWIN-CAT-2 User Manual.
2. Place the Direction Switches on the Main Control Panel in the “0” or “OFF” position.
3. Rotate the (Upper or Lower) Torque Adjust Knob on the Main Control Panel to its minimum (fully counter-clockwise) position.
4. Rotate the (Upper or Lower) Low Torque Limit Control Knob to approximately mid-position (12 o'clock).
4. With your labels threaded onto the Rewinder, place the Direction Switch in the desired position to Rewind.
5. Advance the main Torque Adjust Knob clockwise to approximately the desired rewind torque / tension.
6. Use the Torque Limit Control Knob to make fine adjustments in the amount of rewind torque.

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