

### Product Limited Warranty

All Labelmate Products are warranted to the original end-user customer to be free from defects in materials and workmanship. If it is determined by Labelmate that a product has failed under the terms of this warranty, the product will be repaired or replaced at no charge to the customer. Labelmate reserves all rights to determination of coverage and liability under this warranty. The warranty period for all new Labelmate products is outlined below:

Warranty Period	Products Covered
5 years	Label Rewinders Label Unwinders
3 years	Label Counters (mechanical parts only) Label Slitters (mechanical parts only) Label Dispensers Printer Mechanisms
1 year	Power Supply Modules Counter Modules Encoders <i>Any products not specified above.</i>

The warranty period for all products starts on the date purchased by the original end-user customer. Warranty coverage is not transferable with ownership and will terminate immediately upon rental, resale or any other change in ownership. This warranty does not cover repair to any product which is damaged, has been modified, is missing parts, or has been opened or repaired by any unauthorized person. Use of any unauthorized accessory or attachment will void coverage. Purchase documentation should be retained for coverage verification.

In the event your product requires service, please contact Labelmate at (877) 833-7149 toll-free inside the USA or +1 (702) 435-8535 outside the USA, for the location of the nearest authorized service center or questions regarding warranty coverage. The customer assumes responsibility for all cost and risk incurred in transport for service.

Labelmate makes no other warranty of any kind expressed or implied, or to suitability or fitness for a particular purpose. No other person, agent or reseller is authorized to give any warranties on behalf of Labelmate. Any obligation to warranty other than that specifically addressed above is hereby disclaimed.

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# LABELMATE LLC

# TWIN-CAT-2

## Dual Spindle Heavy-Duty Rewinder/Unwinder

- Switched Dual Range and Directional Controls x 2
- Constant Adjustable Torque™ "CAT" technology
- Dual Adjustable Speed Controls up to 30" (760mm) per sec.
- Dual Variable Torque Controls



TWIN-CAT-2 with two Quick-Chucks and INSP-1 + PC-1 Options



TWIN-CAT-2 with two Adjustable Core Holders

Remove all parts from shipping container and verify contents.

### Package Contents

- User Manual (this document)
- Allen Wrench(es)
- TWIN-CAT-2 Drive Unit
- Universal Power Supply Module 100-250V 50-60Hz
- 2 each Core Holders ("Quick Chucks", Fin-style, or Adjustable Core Holders)
- Flange Plates as appropriate)

Retain Shipping Container and Packaging for Storage and Transport.

• KEEP MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE •



# WARNING

This product is for indoor use only.  
Not for use in wet locations.



## SETUP

- Using the set screws provided, affix a Core Holder onto the Upper and Lower Spindle Motors.
- Rotate each Core Holder by hand to ensure that there is no interference with the Drive Unit.
- Set the unit in place where you want it. CAUTION: Avoid accidents. The TWIN-CAT-2 weighs approximately 35-pounds (16-kg), so choose only a sturdy surface on which to place it. The TWIN-CAT-2 is bi-directional. Either Spindle can wind labels in either direction.
- Verify that the "DIRECTION" Switch on the TWIN-CAT-2 Control Panel is in the "OFF" position.
- Plug the Power Plug at the end of the wire on the Power Supply Module into the TWIN-CAT-2 Power Input Jack. Plug the Power Supply Line Cord into an appropriate AC power outlet. The unit is now ready for use.

## LABEL REWINDING

- Place the "DIRECTION" Switches on the TWIN-CAT-2 Control Panel in the center "OFF" position.
- Slide an empty label core over the desired Core Holder until the core is against the inner Flange Plate.
- Feed the label web from the printer or Slitter and secure it to the take-up roll core with tape. Rotate the take-up reel a couple of turns.
- Check that the TWIN-CAT-2 Unit is square with the printer or Slitter.
- Rotate the "TORQUE" Control Knob to the minimum position (fully counter-clockwise).
- Place each TWIN-CAT-2 "DIRECTION" Switch in the position desired to run left or right.
- Start the printer and adjust the "TORQUE" Control Knob for the desired tension. The Upper and Lower Spindles are controlled independently and together can be set to control the rewind / unwind tension and speed.
- Use the minimum "TORQUE" setting needed to rewind labels properly. Excessive torque might pull the labels too hard and cause the printer to lose registration.

## WIND-IN / WIND-OUT

You can use the Dual Spindles to reverse the direction the labels are facing. You can also rewind the labels so that they are in the original (serialized order) they came out of the printer. An optional Adjustable Paper Guide (APG-CAT) can be fitted to help guide the outer edge of the lower label roll as it rewinds. Quick-Chucks are provided with Outer Label Flanges.

## LABEL SLITTING

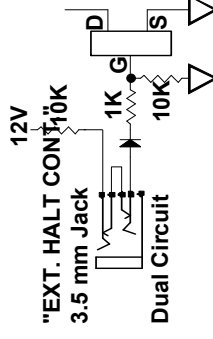
The TWIN-CAT-2 Label Rewinder (with "Quick-Chucks") is ideal as part of a setup to slit labels. If small labels are printed several "up" (across) and then slit to their desired width, you realize much greater effective print speed and print head and ribbon efficiency. LABELMATE's Model S-100 uses the power of the TWIN-CAT-2 to pull the labels through the slitting blades. Slitting can take place either "in-line" with one or two blades directly after exiting the printer, or "off-line" for greater efficiency where a roll of printed labels is unwound from a LABELMATE Label Unwinder. Three or more blades can be used in an "off-line" setup.

## SLITTER SETUP

- Position the TWIN-CAT-2 near the exit path of the Slitter Unit.
- Verify that the "DIRECTION" Switch on the TWIN-CAT-2 Control Panel is in the "OFF" position.
- Thread the label web to be slit through the Slitter to begin the cuts.
- Tape alternate slit webs alternately onto the lower and upper "Quick-Chuck" Core Chucks and tape them onto the rewind cores you have placed on the upper and lower Spindles. See the Slitter User Manual for full instructions.
- Rotate the "TORQUE" control to its minimum (fully CCW) position.
- Place the "DIRECTION" Switch in the desired position for label transport.
- Observe the movement of the labels through the Slitter and increase the "TORQUE" setting as required.

## EXTERNAL HALT CONTROL (Use is optional)

The External Halt Control jack is for use with external devices capable of using an open circuit halt command. A 3.5mm control cable is required (not included).



- 3.5mm Dual Circuit Plug
- Contact CLOSED=RUN      Contact OPEN=HALT
- Pin 1 - No connection (NOT USED)
- Pin 2 - Normally Closed (NC) contact
- Pin 3 - Normally Closed (NC) contact return

## MAINTENANCE

Your TWIN-CAT-2 Dual Spindle Rewinder/Unwinder requires no maintenance.