

MAINTENANCE:

Your LC-CAT requires no maintenance.

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 Any products not specified above.

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 unauthorised person. Use of any unauthorised accessory or attachment will void coverage. Purchase documentation should be retained for coverage verification.

In the event your product requires service, please contact the distributor you bought the product from. 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 authorised 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 LC-CAT

Paper Loop Controlled Label Unwinder / Rewinder



Remove all parts from the shipping container and verify contents.

PACKAGE CONTENTS:

- *User Manual (this document).*
- *LC-CAT Drive Unit.*
- *Power cord.*
- *LABELMATE "Quick-Chuck"™ Quick-Locking Core Chuck or Standard Shaft with three (3) metal Vanes installed, or Model -10-INCHES Shaft with six (6) metal Vanes installed, or Model –ACH: Adjustable Core Holder.*
- *Two 300mm Plastic Flange Plates (only one for QC and none for ACH).*
- *Two visible light reflective photo-detectors with 2 meter long cables and mating connectors.*

SPECIFICATIONS:

Weight of the machine: 12,2Kg to 14,5Kg depending on model.

Max. Label Roll Weight: 8Kg for LC-CAT-3-Standard and LC-CAT-3-QC.
14Kg for LD-CAT-40G
7Kg for LC-CAT-3-ACH.

Max. Label Roll Size: 280mm for LC-CAT-3-ACH, 300mm diameter for LC-CAT-2 and 400mm for LC-CAT-40.

Speed: 1250mm/sec for LC-CAT-2 and LC-CAT-40. 320mm/sec for LC-CAT-40G. Max. speeds specified with a 76mm take-up roll diameter.

Start/Stop: ON/OFF/ON Direction Switch

Power Supply: Input: 230VAC – 50-60Hz.

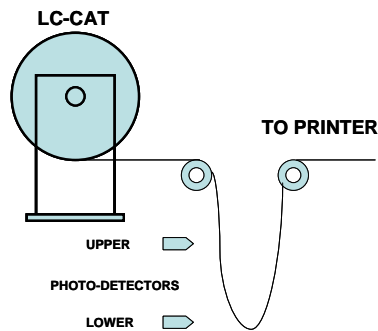


WARNING!
This Product is for indoor use only.
Not for use in wet locations.

IMPORTANT INFORMATION:

- This product is a label unwinder. It is only to be used to rewind or unwind labels of the recommended dimensions and weight in an indoor, dry environment.
- The machine has to be unplugged before any manipulation.
- The machine is to be used on a flat surface, if the surface is not flat, it is to be fixed using the holes in the base plate.
- Do not leave the power cable in a passageway.
- The ambient light of the working area needs to be sufficient to avoid any risk.
- The unwinder can be used in ambient temperatures of +2°C to 40°C.
- Connection of the machine to the power source must respect local and European legislations.

SET-UP:



*Rear-panel showing
photo-detectors
connectors.*

1. The two photo-detectors are identical. The "UPPER" photo-detector (see drawing above) should be connected to the connector labelled "UPPER" at the back of the unit. The "LOWER" photo-detector should be connected to the connector labelled "LOWER" at the back of the unit.
2. **STANDARD AND 10"**: Identify the inner Label Flange. Slide the Flange Plate onto the hollow end of the Rewind Shaft. For maximum width, the Flange face should be flush with the end of the Shaft. Tighten the screw in the Hub until it is snug. Not too tight.
3. **CHUCK**: Mount the inner Flange onto the Quick-Chuck with two screws provided.
4. Slide the Shaft and Flange Assembly onto the LC-CAT-2 Motor Shaft allowing for clearance to the CAT-2 Chassis and Motor Screws. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.
5. **ACH**: Slide the Hub of the ACH over the motor Shaft of the LC-CAT-2. Position the Hub so there is a gap between the ACH Hub and the Rewinder Drive Unit case. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.

6. Plug the Power Supply Output Cable to the Power Jack on the Rear Panel of the LC-CAT. Plug the Power Supply into a suitable AC Power Mains Outlet.
7. **CAUTION: AVOID ACCIDENTS. THE LC-CAT WEIGHS OVER 12KG, SO CHOOSE ONLY A STURDY SURFACE ON WHICH TO SET THE UNIT.**



FOR YOUR SAFETY:
Switch off device before any manipulation.

WHEN USED AS UNWINDER:

1. Select the desired direction with the DIRECTION switch.
2. It is recommended to form the loop and put the paper in the printer before switching on the LC-CAT.
3. To Optimise the performance several parameters can be used:
 - a. The HIGH – LOW Torque Switch.
 - b. The TORQUE ADJUST knob.
 - c. The relative positions of the UPPER and LOWER photo-detectors with respect to the loop.
 - d. The distance between the UPPER and LOWER photo-detectors.
 - e. The range of the reflective photo-detectors is adjustable to maximum 40 cm. As delivered, the range is set to about +/- 15 cm. The range can be changed by adjusting the potentiometer located on the photo-detectors.

EXTERNAL HALT CONTROL:

An External Halt Control jack on the CAT-2 is for use with external devices capable of providing an open circuit halt command. A 3.5mm control cable is necessary for use (not included).

With Pin 2 and Pin 3 of the External Halt Control circuit closed (connected together using a 3.5mm dual circuit plug), the CAT-2 will operate. When the External Circuit is opened, the CAT-2 will stop.

3.5mm "EXTERNAL HALT CONTROL" Plug (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

