

## Heavy-Duty "CAT" On-Demand Powered Unwinder



- *Constant Adjustable Torque™ "CAT" technology*
- *Switched Directional and Dual Range Control*
- *Precise Variable Torque Control*

**Remove all parts from shipping container and verify contents.**

### Package Contents

- User Manual (this document) & Allen Wrench (es)
- Flange Plate, 2 each  
or Adjustable Core Holder if Model UCAT-2-ACH was ordered
- UCAT-2 Drive Unit
- AC Wall Transformer with cord
- Rewind Shaft with metal Fins installed  
or if a "Quick-Chuck" model was ordered,  
a quick-locking Core Chuck

**Retain Shipping Container and Packaging for Storage and Transport.**

• **KEEP MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE** •

### 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 ( <i>mechanical parts only</i> ) Label Slitters ( <i>mechanical parts only</i> ) 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.

## LABELMATE LLC

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



**SETUP**

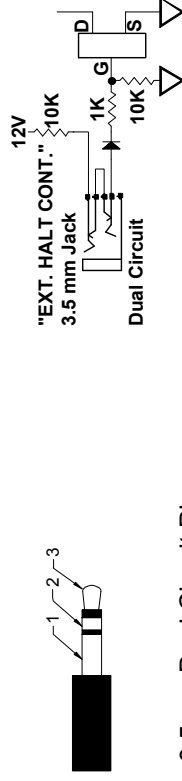
1. The UCAT-2 is bi-directional. It can unwind labels in either direction.
2. The Control Arm can be mounted on either the right or left side of the Unwinder depending upon which direction you wish the labels to exit the UCAT-2. Position the Control Arm on the small Sensor Shaft below the main Motor Shaft. Adjust the Sensor Arm so the flat side will be in the correct position when the Sensor Arm is positioned as you want it, right or left. Tighten the Set-Screw against the flat on the Control Shaft.
3. (For ACH-CAT Adjustable Core Holder only) Install the Adjustable Core Holder on the flat of the Motor Shaft using the Allen Wrench provided.
4. (Standard Unit only) Identify the inner Label Flange Plate as the one with a regular Allen Screw in the Hub. 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 Allen screw in the Hub until it is snug. Not too tight. Slide the Shaft and Flange Assembly onto the UCAT-2 Motor Shaft allowing for clearance to the UCAT-2 Chassis and Control Arm. Tighten the Allen screw to secure the Shaft and Flange Assembly until it is snug. Not too tight.
5. (CHUCK Model only) Mount the inner Flange on the Quick-Chuck with two screws provided. Slide the Quick-Chuck onto the Motor Shaft and tighten the set screw against the flat part of the Motor Shaft.
6. Set the unit in place near the label entry path for the printer.
7. **CAUTION: AVOID ACCIDENTS. THE UCAT-2 WEIGHS APPROXIMATELY 20 POUNDS (9 KG), SO CHOOSE ONLY A STURDY SURFACE ON WHICH TO SET THE UCAT-2.**
8. Verify that the "DIRECTION" Switch on the UCAT-2 Control Panel is in the "OFF" position.
9. Plug the AC Transformer into an appropriate AC power outlet. Plug the small Power Plug into the UCAT-2 Power Input Jack.
10. The unit is now ready for use.

**POWER UNWINDING**

1. Check that the UCAT-2 Unit is square with the printer.
2. Place the roll of labels to be unwound onto the UCAT-2.
3. Run the labels under the Unwinder Control Arm and into the printer.
4. Place the UCAT-2 DIRECTION switch in the desired position according to which direction you want the UCAT-2 to feed the labels.
5. Place the REWIND – SLIT Switch in the REWIND position and set the TORQUE ADJUST about 1/3 rotation from fully CCW as an initial setting.
6. Start your printer and observe how the labels are being fed into the printer.
7. Adjust the TORQUE Control as needed to provide more or less (faster or slower) rewind assistance. As the printer uses the labels, the Control Arm will rise, causing the Unwinder to turn on and feed more labels. As the Unwinder feeds more labels, the labels and the Control Arm will drop down, turning off the Unwinder until more labels are needed and the Control Arm is lifted again.

**EXTERNAL HALT CONTROL (Use is Optional)**

An External Halt Control jack on the CAT-2 is for use with external devices capable of utilizing 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**

The UCAT-2 Unwinder requires no maintenance.