

## **MAINTENANCE:**

Periodically clean residue off Tension Roller C with a slightly damp cloth in order to maintain friction between the Roller and the material being rewound.

## **IMPORTANT INFORMATION:**

- This product is a label rewriter. 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 rewriter 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.



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# ZCAT-3

## ***Zero Tension Loop Controlled Label Rewinder***



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

## **PACKAGE CONTENTS:**

- *User Manual (this document)*
- *Allen Wrench*
- *ZCAT-3 Drive Unit*
- *Power Supply Module*
- *LABELMATE "Quick-Chuck"™ Quick-Locking Core Chuck*
- *12" Plastic Flange Plate*
- *Tensioning Roller*
- *Loop Sensor*
- *(Optional PC-1 Counter purchased separately)*

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

## **SPECIFICATIONS:**

**Weight of the machine:** 16.8Kg.  
**Max. Label Roll Weight:** 12Kg.  
**Max. Label Roll Diam:** 300mm  
**Start/Stop:** ON/OFF Power Switch  
**Power Supply:** Input: 120-220VAC in  
Output: 24VDC



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#### SET-UP:

1. Remove the two Phillips screws from the hollow end of the QUICK-CHUCK. Place the Label Flange Plate on the QUICK-CHUCK by placing the hole of the Flange Plate over the Boss of the QUICK-CHUCK, and reaffixing the two screws through the Flange-Plate and into the QUICK-CHUCK.
2. Slide the hollow end of the QUICK-CHUCK onto the ZCAT Motor Shaft allowing for clearance to the Chassis and Motor Screws. Tighten the Allen Screw of the QUICK-CHUCK onto the flat part of the Motor Shaft until it is tight.
3. Set the unit in place near the printer.
4. Verify that the "RUN/STOP" switch is in the "STOP" position, and that the Torque Adjust Knob is turned counterclockwise all the way down.
5. Place an empty label core onto the QUICK-CHUCK of the ZCAT Rewinder and press snugly in place against the Label Flange Plate.
6. Turn the red knob of the QUICK-CHUCK clockwise to expand the QUICK-CHUCK and affix the empty core firmly in place.

#### REWINDING LABELS:

7. Thread the material being printed onto the ZCAT as shown in "Figure A":
  - (a) Over Rod A
  - (b) Underneath Roller B
  - (c) Over and around the top of Tensioning Roller C
  - (d) Under and around the bottom of Roller D
  - (e) Tape the leading edge of the material onto the empty core that is on the QUICK-CHUCK.
  - (f) Using the supplied Allen Key, loosen the set-screw of *Outer Guide Ring F* and position the Guide Ring next to the material being rewound. Retighten the set-screw.
  - (g) Loosen the thumb-screw of *Outer Guide Ring E* and position the Guide Ring next to the material being rewound. Retighten the thumb-screw.
 

(**Note:** the *Inner Guide Rings* that are positioned against the black metal chassis of the Rewinder on Rod A, and Rollers B and D require very little adjustment, if any, and should be aligned with the face of the Label Flange Plate.)
  - (h) Push down the material being printed between the printer and Rod A to form a tensionless loop of material as seen in "Figure A".
8. Plug the Power Plug at the end of the wire on the Power Supply Module into the Unit's Power Input Jack. Plug the Power Supply into an appropriate AC power outlet.
9. Flip the Master Power Rocker Switch on the rear of the ZCAT to the "Power On" position.
10. Adjust the angle of Sensor G so that it points at the desired location on the tensionless loop of material. The angle of the sensor determines the depth of the loop. **Note:** The Rewinder will continue to turn as long as the eye of the sensor can "see" the material in the tensionless loop.)
11. Select either the "HIGH" or "LOW" Torque Setting with the switch on the top of the unit.
12. Select the desired rewind direction with the switch on the top of the unit.
13. Flip the "RUN/STOP" switch to "RUN".
14. Turn the black knob of Tensioning Roller C to adjust/achieve the desired tension of the material being rewound.
15. Gradually turn the Torque Adjust Knob clockwise until the desired rewind speed is achieved.