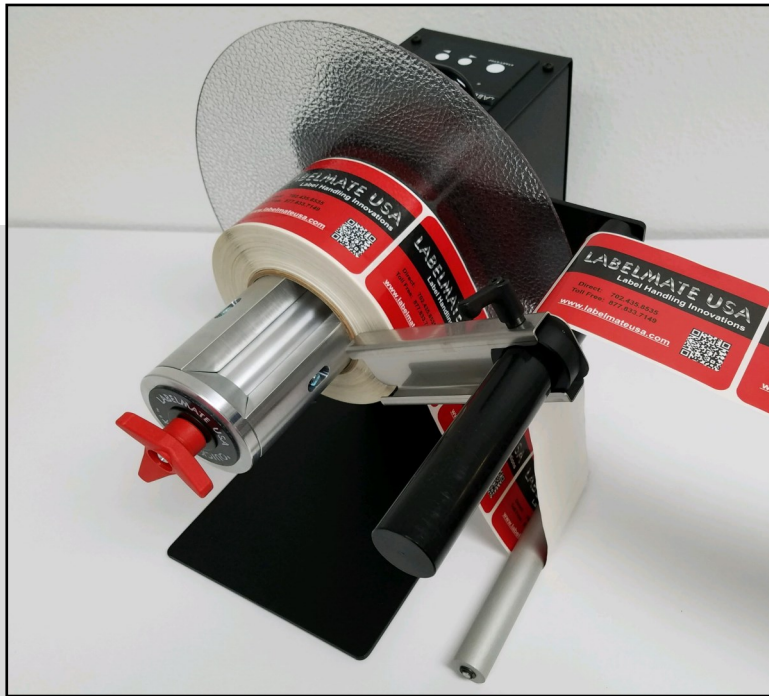


# LABELMATE USA

Label Handling Innovations

Rewinders • Slitters • Dispensers • Applicators • Unwinders  
Print Mechanisms • Counters • Core-Chucks • Splicers



## UNI-CAT

Intelligent Automatic Label Rewinder / Unwinder

User Manual

# UNI-CAT

The UNI-CAT is the smartest and most “UNI-VERSATILE” Rewinder / Unwinder in the LABELMATE product line! With various core sizes, label widths, roll diameters and options to choose from, there is a UNI-CAT configuration to fit any job you may have.

## GENERAL CONTENTS OF PACKAGING

- User Manual (this document)
- UNI-CAT Drive Unit
- PS-1545 Power Adaptor: INPUT 100-240V- 50-60Hz, Output 15V DC-4.33A
- Tension Arm with Setscrew and Shaft Screw
- BRACKET GUIDE KIT

## MODEL SPECIFIC CONTENTS OF PACKAGING

- Model “-Chuck”: Quick-Locking Core Chuck, with inner flange
- Model “-Standard”: Shaft with three (3) metal fins installed, with inner flange
- Model “-W10”: Shaft with six (6) metal fins installed, with inner flange
- Model “-1-INCH”: Shaft with one (1) metal fin installed, with inner flange
- Model “-ACH”: Adjustable Core Holder, fully assembled

## MANUAL VALID FOR THE FOLLOWING PRODUCTS:

P/N	MODEL	DESCRIPTION	MAX LABEL WIDTH	MAX ROLL DIAMETER	MAX WEIGHT
80-203-0083	UNI-CAT-CHUCK	3" dia. Quick-Locking Core-Chuck (76mm), for media up to 6.6" wide (170mm).	6.6" (170mm)	12" (305mm)	22 lbs. (10kg)
80-203-0084	UNI-CAT-CHUCK-220	3" dia. Quick-Locking Core-Chuck (76mm), for media up to 8.6" wide (220mm).	8.6" (220mm)	12" (305mm)	22 lbs. (10kg)
80-203-0085	UNI-CAT-CHUCK-10	3" dia. Quick-Locking Core-Chuck (76mm), for media up to 10.6" wide (270mm).	10.6" (270mm)	12" (305mm)	22 lbs. (10kg)
80-203-0086	UNI-CAT-STANDARD	3" dia. Fin-Style Core Holder (76mm), for media up to 6.6" wide (170mm).	6.6" (170mm)	12" (305mm)	17 lbs. (8kg)
80-203-0087	UNI-CAT-W10	3" dia. Fin-Style Core Holder (76mm), for media up to 10.6" wide (254mm).	10.6" (254mm)	12" (305mm)	22 lbs. (10kg)
80-203-0088	UNI-CAT-ACH	Adjustable Core Holder for any core diameter between 1" - 4" (25 - 101 mm), and media up to 6.6" wide (170mm).	6.6" (170mm)	11.5" (292mm)	15 lbs. (7kg)
80-203-0089	UNI-CAT-1-INCH	1" dia. Fin-Style Core Holder (25mm), and media up to 6.6" wide (170mm).	6.6" (170mm)	12" (305mm)	17 lbs. (8kg)

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## STEP 1: INSTALL THE BRACKET GUIDE

- The Bracket Guide (BG) is mounted on the Right side for labels moving from Right-to-Left. (FIG.1 and FIG.11)
- The Bracket Guide (BG) is mounted on the Left side for labels moving from Left-to-Right. (FIG.2 and FIG.10)
- Loosen (but do not remove) the 3 upper screws on the chassis and slide the BG in between the screws and chassis as shown in FIG.1, FIG.2 , and FIG.3. Tighten the screws to firmly affix the BG in place.
- Install the black shaft onto the BG and slide the media guide collar onto the shaft. (FIG.4)

## STEP 2: INSTALL THE TENSION ARM

- The Tension Arm can be mounted right or left, depending on the printer position (FIG.5, RIGHT mount shown), **but it is always mounted on the same side as the Bracket Guide (BG).**
- Remove (but do not discard) the large Screw from the face of the Tension Arm Shaft (Shaft below the main Motor Shaft).
- Loosen the Set Screw at the end of the Tension Arm and position the Arm with the Set Screw facing the flat on the Tension Arm Shaft. (FIG. 6)
- Tighten the Set Screw facing the flat on the Shaft. (FIG.6)
- Re-insert and tighten the Tension Arm Shaft Screw into the Tension Arm Shaft to mount the Tension Arm firmly.

## STEP 3: INSTALL THE TAKE-UP SHAFT

- CHUCK (FIG.8): Mount the inner Flange onto the Quick-Chuck with two screws provided.
- STANDARD, 1-INCH and W10 (FIG.7): 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 if necessary.
- Slide the Shaft and Flange Assembly onto the UNI-CAT Motor Shaft allowing for clearance between the Chassis and Motor Screws. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.
- ACH (FIG.9): Slide the Hub of the ACH over the motor Shaft of the UNI-CAT. Position the Hub so there is a gap between the ACH Hub and the Rewinder Drive Unit Chassis. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.
- Set the UNI-CAT in place near the label exit slot of the printer.
- Plug the Power Supply into a suitable power outlet and connect it to the UNI-CAT.

## USING THE ACH (ADJUSTABLE CORE HOLDER)

- Loosen the three Lock Levers on the back of the ACH Flange Plate.
- Grasp the silver colored front Flange Plate with one hand and the black rear Flange Plate with the other.
- Rotate the Plates in opposite directions until the three Core Fingers contract to the center of the ACH.
- Slide an empty cardboard core only partway over the Fingers, leaving approximately 2" (50mm) between the flange and the core.
- Rotate the Flange Plates in opposite directions to expand the Fingers against the inside of the cardboard core. Holding the Flanges firmly so that the Fingers remain pressed against the inside of the core, rotate one of the Locking Levers clockwise until it is fixed. DO NOT OVER TIGHTEN.
- Rotate the Flange Plates and move the other two (2) Locking Levers into the LOCK position as well.
- Slide the core all the way on up against the inside Flange. If the core is too tight, loosen the Lock Levers and repeat the process, but sliding the core a little bit further down onto the Fingers prior to tightening.

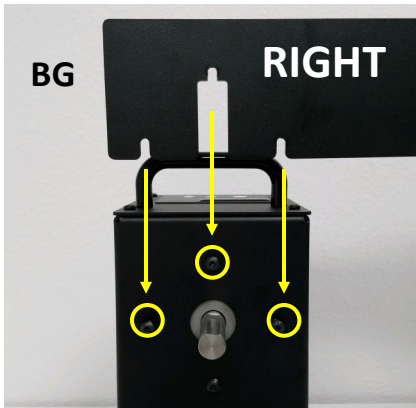


FIG. 1

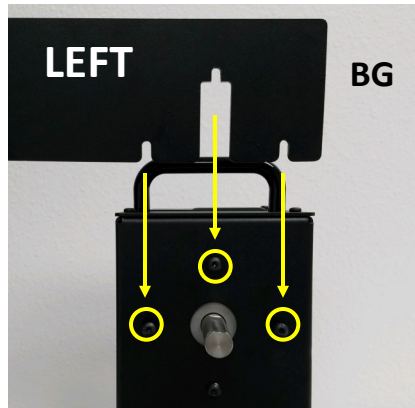


FIG. 2



FIG. 3

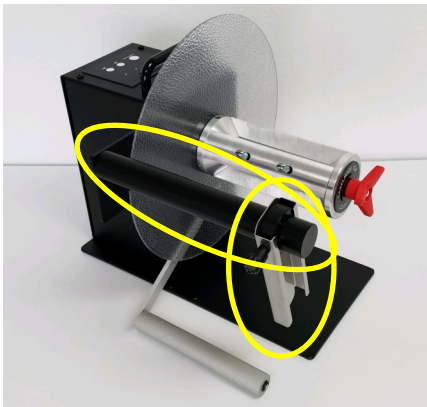


FIG. 4



FIG. 5



FIG. 6

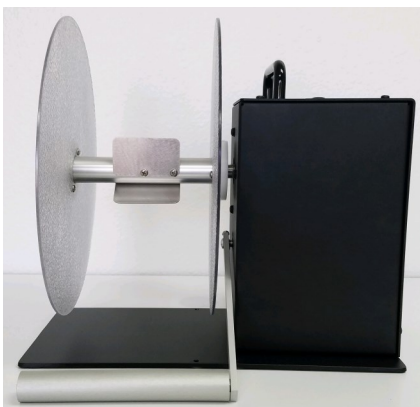


FIG. 7

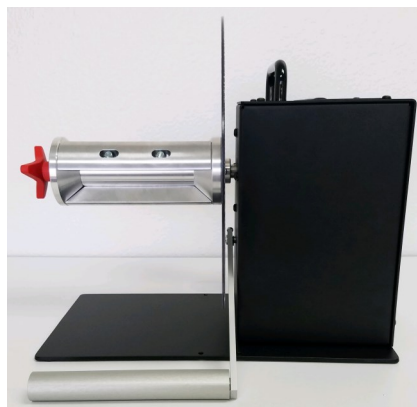


FIG. 8

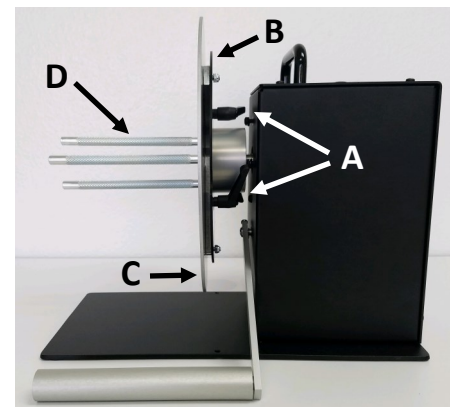


FIG. 9



## REWINDING & UNWINDING, RIGHT ARROW CONFIGURATIONS

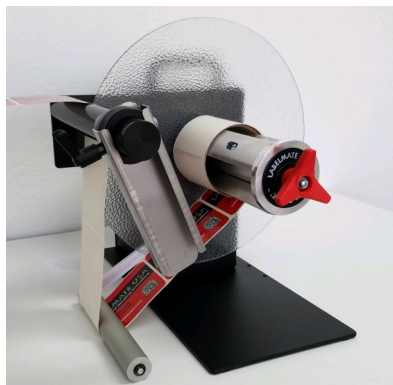


FIG. 10

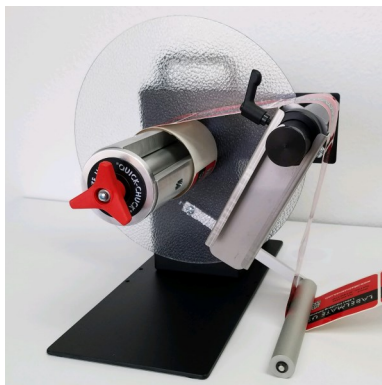


FIG. 11

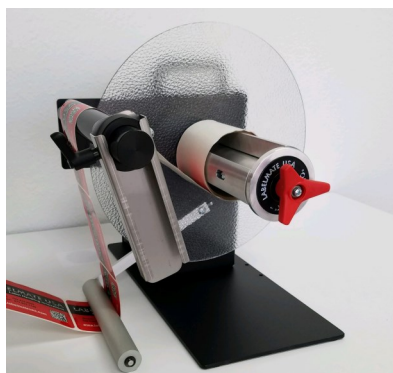


FIG. 12



FIG. 13

## REWINDING & UNWINDING, LEFT ARROW CONFIGURATIONS

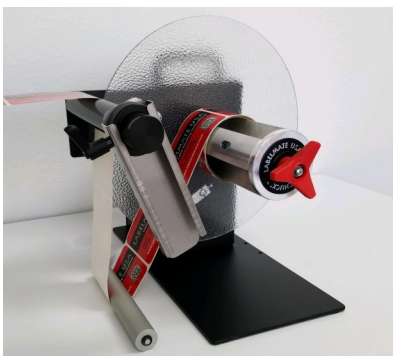


FIG. 14

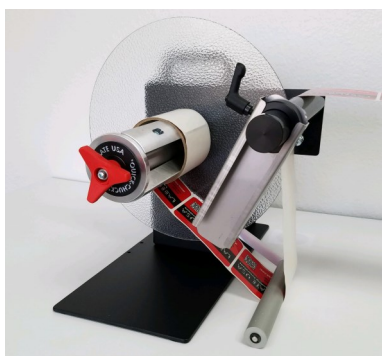


FIG. 15

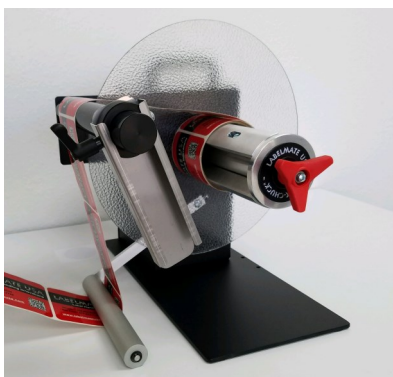


FIG. 16

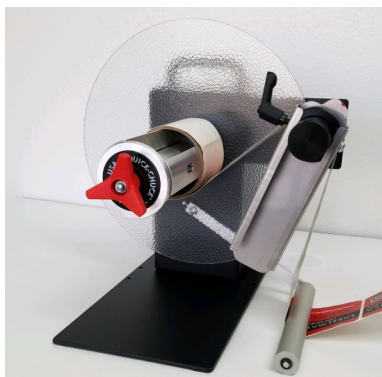


FIG. 17

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## REWINDING LABELS

- Switch the power off.
- Slide an empty label core over the Core-Holder until the core is against the inner Flange Plate. Tighten the red knob on the end of the Quick-Chuck. (For the ACH please read instructions above)

### LABELS EXTERNAL

- Feed the label web from the printer over the black shaft, under the Tension Arm, and secure it to the take-up roll core with tape. Rotate the take-up reel a couple of turns. [FIG.13](#) and [FIG.14](#) show the web path for standard external rewinding. This web path will provide the best and tightest finish-roll.
- Depending on your printer type (height of the output) it might be more suitable to guide the paper first under the Tension Arm and then over the black shaft as shown in [FIG.11](#) and [FIG.16](#).
- **IMPORTANT: TENSION ARM MUST BE RESTING COMPLETELY ON THE TABLE AT THIS TIME, AND NOT BE SUSPENDED ON THE LABEL WEB.** The UNI-CAT will select the correct, right direction arrow based on the position of the Tension Arm. Do not change the direction.
- Press the START/STOP button. The UNI-CAT will now go automatically to its AUTO-START position. LED INDICATOR START/STOP should be active together with one (1) of the direction LED INDICATORS.
- If the 3 LED's are flashing together, the Tension Arm was not resting on the table before starting. Restart the device, rest the Tension Arm fully on the table and then press the start button.

### LABELS INTERNAL

- Feed the label web from the printer over the black shaft, under the Tension Arm, and secure it to the take-up roll core with tape. Rotate the take-up reel a couple of turns. [FIG.10](#) and [FIG.15](#) show the web path for internal rewinding.
- Depending on your printer type, it might be more suitable to guide the paper first under the Tension Arm and then over the black shaft as shown in [FIG.12](#) and [FIG.17](#)
- **IMPORTANT: TENSION ARM MUST BE ON THE TABLE AT THIS TIME. Now change to the opposite direction arrow** from the one that is automatically activated and press the START/STOP button. The UNI-CAT will now go automatically to its AUTO-START position. LED INDICATOR START/STOP should be active together with one (1) of the direction LED INDICATORS.
- If the 3 LED's are flashing together, the Tension Arm was not resting on the table before starting. Restart the device, rest the Tension Arm fully on the table and then press the start button.

## UNWINDING LABELS

- Operate the UNI-CAT in the same way as described above for rewinding.

## IMPORTANT INFORMATION / SAFETY INSTRUCTIONS

- This product is a label Rewinder/Unwinder. It is only to be used to wind labels of the recommended dimensions and weight in an indoor, dry environment.
- Unplug the Winder prior to any manipulation.
- Use on a flat surface, or mount the Winder in a fixed location using the holes in the base plate.
- The Winder can be used in ambient temperatures of 35° to 105° F.
- Connection of the Winder to the power source must comply with all local regulations.



# PRODUCT LIMITED WARRANTY

WARRANTY PERIOD	PRODUCTS COVERED
5-Years	<ul style="list-style-type: none"><li>◇ “CAT” and “Mini CAT” Label Rewinders.</li><li>◇ “UCAT” Label Unwinders.</li></ul>
3-Years	<ul style="list-style-type: none"><li>◇ Label Counters (<i>Excluding Counter Displays and Encoders</i>)</li><li>◇ Label Dispensers (<i>Excluding Counter Displays</i>)</li><li>◇ Label Slitters (<i>Mechanical Parts Only - excluding Counter Displays</i>)</li><li>◇ Reel-to-Reel Machines (<i>Excluding Counter Displays and Encoders</i>)</li><li>◇ Print Mechanisms (<i>Excluding Counter Displays and Encoders</i>)</li><li>◇ Label Applicators (<i>Excluding Polyurethane Rollers</i>)</li><li>◇ Quick-Chucks</li></ul>
1-Year	<ul style="list-style-type: none"><li>◇ Power Supplies, AC/DC Adaptors and Transformers</li><li>◇ Counter Displays</li><li>◇ Encoders</li><li>◇ Any other products or parts not specified herein</li></ul>
180 Days	<ul style="list-style-type: none"><li>◇ Out-of-Warranty Repairs</li></ul>

Labelmate USA warrants to the original end-user customer that Labelmate USA products will be free from defects in materials and workmanship for the duration described herein below. Labelmate USA's Limited Warranty covers only those defects that arise as a result of normal use of the products and does not cover any other problems, including those that arise as a result of: (i) improper maintenance or modification; (ii) parts or supplies not provided or supported by Labelmate USA; (iii) operation outside the products' specifications; or (iv) unauthorized repair, modification or misuse. Use of any unauthorized accessory or attachment will void coverage.

The Warranty period for all products commences the date of shipment from Labelmate USA and accrues to the original end-user customer. Warranty coverage is non-transferable and terminates immediately upon rental, resale or any other change in ownership. Original purchase documentation must be retained for coverage verification.

In the event Labelmate USA substantiates, during the applicable Warranty period, a defect in any product which is covered by Labelmate USA's Warranty, Labelmate USA shall repair or replace the product, at Labelmate USA's option. Labelmate USA retains sole discretion to determine whether or not a product is defective. In no event shall Labelmate USA have any obligation to repair or replace until the customer returns the defective product to Labelmate USA. The customer assumes any and all responsibility and liability associated with transportation of products for service under this Warranty.

In the event your product requires service or you have questions regarding Warranty coverage, please call toll-free (877) 833-7149 inside the United States, or +1 (702) 435-8535 outside the United States.

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# LABELMATE USA

Toll Free: 877.833.7149

Direct: 702.435.8535

info@labelmateusa.com

12A Sunset Way  
Henderson, NV 89014

www.labelmateusa.com