MAINTENANCE:

Your CAT-4 requires no maintenance.

LABELMATE SPRL

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CAT-4

Heavy-Duty "CAT" Label Rewinder

- *Three Torque Range and Direction Controls*

- *Constant Adjustable Torque^{TM} "CAT" technology*

- *Adjustable Speed Control up to 125cm per second*

- *Precise Variable Speed Control*
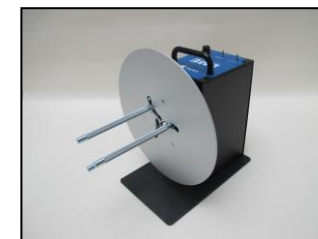
CAT - 4

REAR PANEL

Remove all parts from the shipping container and verify contents.

PACKAGE CONTENTS:

- *User Manual (this document)*
- *CAT-4 Drive Unit*
- *Power Supply Module*
- *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 (One only for QC, none for ACH)*

Retain the Shipping Container and Packaging for Storage and Transport

SPECIFICATIONS:

Weight of the machine:	9,6Kg to 11,1Kg depending on model.
Max. Label Roll Weight:	STD: 8Kg – ACH: 7Kg – QC: 8Kg – 10-IN: 10Kg.
Max. Label Roll Diam.:	300mm (280mm for ACH).
Start/Stop:	ON/OFF Power Switch
Power Supply:	Input: 220 – 240VAC – 50 – 60 Hz. Output: 15VDC – 4.33A .

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

IMPORTANT INFORMATION:

- This product is a label rewinder. 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 rewinder 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:

(if you have the ACH Adjustable Core Holder option Skip to step 4).

1. **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.

2. **CHUCK:** Mount the inner Flange onto the Quick-Chuck with two screws provided.

3. Slide the Shaft and Flange Assembly onto the CAT-4 Motor Shaft allowing for clearance to the CAT-4 Chassis and Motor Screws. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.

4. **ACH:** Slide the Hub of the ACH over the motor Shaft of the CAT-4. 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.

5. Set the CAT-4 in place near the label exit slot of the printer.

6. **CAUTION: AVOID ACCIDENTS. THE CAT- WEIGHS OVER 10KG, SO CHOOSE ONLY A STURDY SURFACE ON WHICH TO SET THE UNIT.**

7. Verify that the "DIRECTION" Switch on the CAT-4 Control Panel is in the "OFF" position.

8. Plug the Power Plug at the end of the wire on the AC/DC Wall Transformer into the CAT-4 Power Input Jack. Plug the AC/DC Transformer into an appropriate AC power outlet. The unit is now ready for use.

FOR YOUR SAFETY:
Switch off device before any manipulation.

REWINDING LABELS:

1. Place the "DIRECTION" Switch on the CAT-4 Control Panel in the centre "OFF" position.

2. Slide an empty label core over the Quick-Chuck or Vanes on the shaft until the core is against the inner Flange Plate. On the Quick-Chuck, tighten the Lock Knob (for an ACH see the ACH user manual).

3. If desired, slide the outer label Flange Plate (with Ball Plunger in the Hub) onto the Shaft and up against the label core.

4. Feed the label web from the printer and secure it to the take-up roll core with tape. Rotate the take-up reel a couple of turns.

5. Place the CAT-4 "TORQUE RANGE" Switch in the "MEDIUM" position. NOTE: When the "TORQUE RANGE" Switch is in the "HIGH" position, the CAT-4 develops higher torque. When the "TORQUE RANGE" Switch is in the "LOW" position, the CAT-4 develops lower torque. Use the "HIGH" position for label slitting or rewinding large diameter rolls.

6. Rotate the "SPEED" Control Knob to the minimum position (fully counter-clockwise).

7. Place the CAT-4 "DIRECTION" Switch in the position desired to run left or right.

8. Start the printer and adjust the "SPEED" Control Knob for the desired take-up tension. Use the minimum "SPEED" setting needed to rewind labels properly. Excessive torque might pull the labels too hard and cause the printer to lose registration.

EXTERNAL HALT CONTROL:

The CAT-4 can be controlled by the printer. A 3.5mm (mono) connector for an External Control Input (start/stop) is provided and a matching jack is enclosed. The CAT-4 can react to different types of signals provided by the printer. The selection of the signal nature is done via 3 jumpers on the CAT-4 internal PCB. Four modes are selectable: Open Collector High Active, Open Collector Low Active, Logic Level High Active (Max 10VDC) & Logic Level Low Active (Max 10VDC). By default, the jumpers are on High Active position. An optional "Start Delay" is available in order to allow the printer to execute a back feed before starting the print cycle. The start delay, adjustable from 0-3.5 seconds, will delay the printer after the command has been received from the printer.
No tension arm option is available.

Ground   Signal

	JP1	JP2	JP3
SIG ACT LOW		2/3	
OP COL HIGH	X	1/2	X
SIG ACT HIGH		1/2	X
OP COL LOW	X	2/3	

The factory setting is "Open Collector High". Other default setting on request.