

# TACHIT®

**INSTRUCTION  
MANUAL FOR  
TACH-IT  
MODEL #BL3  
BATTERY POWERED HAND-HELD  
LABEL APPLICATOR.**



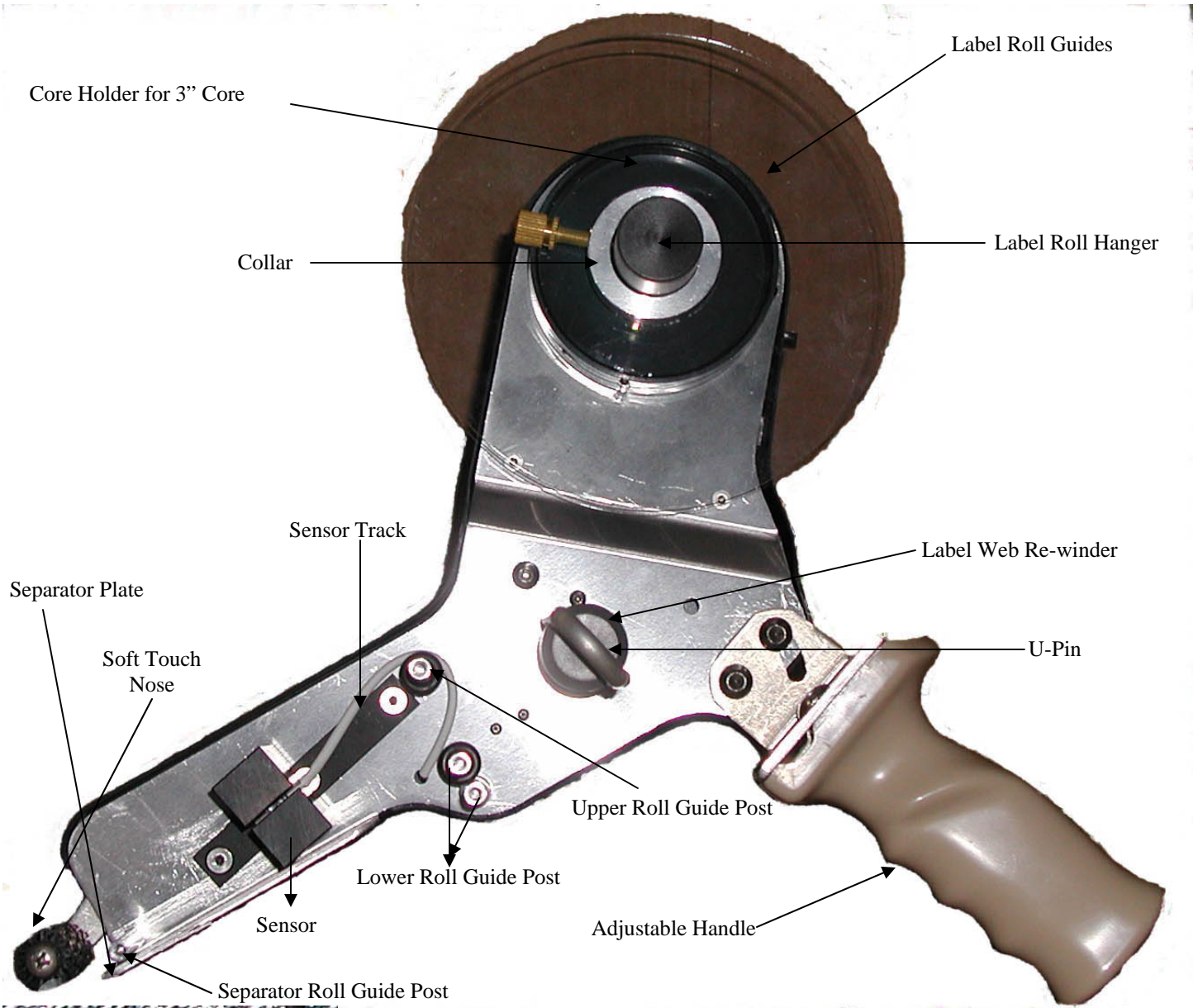
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# Parts Identification:



## **Caution:**

- Read entire instruction manual prior to setting up or operating the BL3 Label Applicator.
- This is a hand-held unit, do not drop or abuse unit. Any signs of abuse will void the warranty.
- Use this unit in a clean and dry environment and do not spray water or liquids directly onto the unit.
- Use only the supplied battery charger to charge the enclosed batteries or for direct AC usage. Any other charger may cause harm or malfunction of the batteries and could cause damage to the unit and the operator.
- Keep clothing, jewelry, fingers and hair away from all moving parts of the unit.
- Use only die-cut labels with the Model BL3.
- The Model BL3 is intended for the application of die-cut pressure sensitive labels and should only be used for this application. Use of this machine for applications other than the intended use will void all warranties either expressed or implied and can cause damage and harm to the operator and the unit. If there is a concern about an application, please contact the reseller of the unit and request a product evaluation.

## **Introduction:**

The Tach-It BL3 is a hand-held battery powered label applicator for use with any die-cut label. This unit is lightweight, simple to use, and offers a high productivity solution for many labeling problems. Applications for the Model BL3 include; agricultural products, produce, industrial, shipping, food packaging and etc. Once the labels are loaded into the BL3, the operator simply rests the front Soft Touch Nose onto the product to be labeled and a label is fed.

## **Specifications:**

Machine Dimensions without Labels

Length—14 inches, Width—5 1/4", Height—13"

Weight—2.45 Lbs

Power—110-220 volt 50/60 HZ (transformer)

Battery Life—8-10 Hours based upon normal usage and full charge.

Label Size Maximum—2" (W) x 2.5" (L)

Label Size Minimum—1/4" (W) x 1/4 (L) "

Core Size—1" or 3"

Maximum Diameter of Roll—5 3/4"

## **Prior to Use:**

- 1) Remove the BL3 and the Battery Charger from the Packaging.
- 2) Plug the Battery Charger into the wall outlet and insert the round receptacle end into the Battery Z/C Input Jack located on the back side of the labeler.
- 3) Let the Battery Charge for a full 8 hours prior to use.

## How to Load the Labels:



- 1) Locate the Label Roll Hanger at the back of the BL3. Remove the collar and the outside Label Roll Guide.
- 2) Insert the Roll of Labels onto the Label Roll Hanger so that the loose end of the labels are coming off the top of the roll and when pulled, the roll travels in a counter-clockwise direction. If you are using a label that has a 3" core, use the supplied Core Holder for 3" Core.
- 3) Pull the labels towards the nose of the gun and go under the Upper Roll Guide Post. Move the O-Ring Label Guide so that the label goes under the post but can not wander along the length of the post.
- 4) Bring the leading edge of the labels through the slit in the Sensor and continue to the front of the unit.
- 5) Bring the leading edge under the Separator Roll Guide Post and around the Separator Plate.
- 6) Going towards the handle of the unit bring the label web between the Lower Roll Guide Posts and move the O-Ring label Guide so that the label goes between the post but can not wander along the length of the post.
- 7) Remove the U-Pin from the Label Web Re-Winder and bring the leading edge of the labels to the underside of the Label Web Re-Winder. Capture the Label Web to the Label Web Re-Winder using the U-Pin.
- 8) The BL3 is now loaded and ready for the use.

## **How to Set Up the BL3:**

**The BL3 can be adjusted to recognize varying densities in liner paper (label web). This adjustment is done by turning the potentiometer screw located inside the over under the Battery A/C Input Jack using a small flat head screwdriver. Once set, this should never need to be adjusted again for the same label as long as there is no change in the liner characteristics.**

**Please note that these are minor adjustments and only small changes should be made to the Potentiometer.**

- 1) Turn on the Power to the unit and locate the hole in the cover where the Potentiometer is.
- 2) Load the labels per the previous instructions and pull the labels so that one of the spaces between the labels is located under the center of the sensor.
- 3) Carefully and lightly turn the Potentiometer until the Green LED in the middle (above the Red LED) lights up.
- 4) Pull the labels forward to that a label is now located under the center of the sensor.
- 5) Turn the Potentiometer until the Green LED in the middle goes out.

## **How to Use the Tach-It BL3:**

- 1) Complete the above steps to make sure that the unit is ready for use.
- 2) Turn the unit on by Switching the On / Off Switch located in the back of the unit to the On position. The Upper Green LED will illuminate.
- 3) Touch the Soft Touch Nose to the product to be labeled and push down lightly triggering the machine. One label should be fed onto the product. If the labels keep running, refer to the section above "How to Set Up the BL3". Please note that the BL3 has a timer so that the motor will not run for more than 10 seconds without being activated again. This will be indicated by looking at the middle Green LED. As the label is feeding, the middle Green LED should go off as the label is passing under the sensor, but should illuminate again when the label has stopped feeding.
- 4) If the label fed properly, the machine is now set up and ready for use. Please note that the operator may need to roll the dispenser along the product being labeled to get secure adhesion of the label to the product.
- 5) The distance the label feeds out can be adjusted by sliding the Sensor along the Sensor Track. There is a small set screw located in the top of the sensor. Loosen this screw and move the Sensor along the track. When the optimal position for the label is found, re-tighten the set screw.

**WARRANTY AND GENERAL CONDITIONS**  
**TACH-IT MODEL #BL3:**

THE WARRANTOR, BEN CLEMENTS AND SONS, INC. AND CLEMENTS INDUSTRIES, INC. WARRANTS TO THE ORIGINAL PURCHASER-USER, THE TACH-IT MODEL #BL3 HAND-HELD LABEL APPLICATOR TO BE FREE FROM DEFECTS IN FACTORY MATERIALS FOR THE PERIOD OF 4 MONTHS FROM THE INVOICE DATE OF ORIGINAL PURCHASE OF THE MACHINE. EXCLUDED IN THIS WARRANTY ARE THE BATTERIES, CHARGER, LABEL ROLL GUIDES, COLLAR AND O-RINGS. THE WARRANTOR AGREES TO SUPPLY AT **ITS OPTION** SIMILAR PART OR PARTS OF SAID UNIT PROVED TO THE SATISFACTION OF THE WARRANTOR TO BE DEFECTIVE AT THE TIME THE MACHINE WAS SOLD. ANY REPLACEMENTS UNDER THIS 4 MONTH WARRANTY WILL BE WITHOUT COST FOR PARTS TO SAID ORIGINAL PURCHASER-USER, EXCEPT FOR TRANSPORTATION, DUTY, CUSTOMS CLEARING AND LABOR CHARGES. BEFORE WARRANTOR SHALL SUPPLY ANY PART, THE PUCHASER-USER MUST SEND THE ALLEGEDLY DEFECTIVE PART OR PARTS TO WARRANTOR'S DESIGNATED FACTORY FREIGHT PREPAID INCLUDING DUTY AND CUSTOMS CLEARING IF APPLICABLE AND SAID PART MUST BE PROVED DEFECTIVE TO WARRANTORS REASONABLE SATISFACTION. **THE WARRANTOR SHALL NOT BE RESPONSIBLE FOR ANY EXPENSES INCURRED FOR SERVICE OR REPAIRS PERFORMED BY ANY PERSON OR PERSONS OTHER THAN THE WARRANTOR, UNLESS SPECIFICALLY AUTHORIZED BY THE WARRANTOR.** SERVICE CALLS OR REPAIRS OTHER THAN THOSE COVERED BY THE CONDITIONS SET FORTH IN THIS WARRANTY WILL BE MADE AT THE EXPENSE OF THE PURCHASER-USER. ANY MODIFICATION OR USE OF THIS UNIT FOR PURPOSES NOT INTENDED VOIDS ANY AND ALL RESPONSIBILITY AND LIABILITY OF THE WARRANTOR.

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**THIS WARRANTY IS NOT TRANSFERRABLE.**