RENTAFILL

FILLING EQUIPMENT HIRE

# COMPACT CSL
# User Manual


Document Nº 0907 CSL-Easy Sheets

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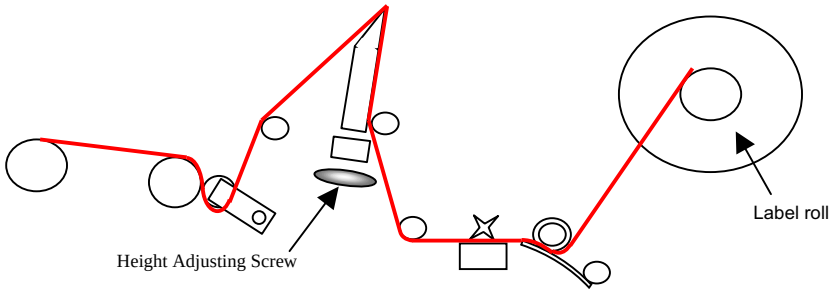
# SETTING UP THE LABELLER

1. With the machine turned off
2. Open the Top Cover
3. Thread the labels as per diagram below there is also a copy is attached to the base of the machine




4. When label roll has been threaded, close the pinch roller
5. Then Close the Top Cover
6. Turn on power
7. Operate the applicator roller (as if a container was passed through the machine) this puts the label into it stop position
8. Test on Container and adjust Height of label to suit Job. The machine is now ready for use

# Specifications

Label Width - Min 10 mm
Max 30 mm

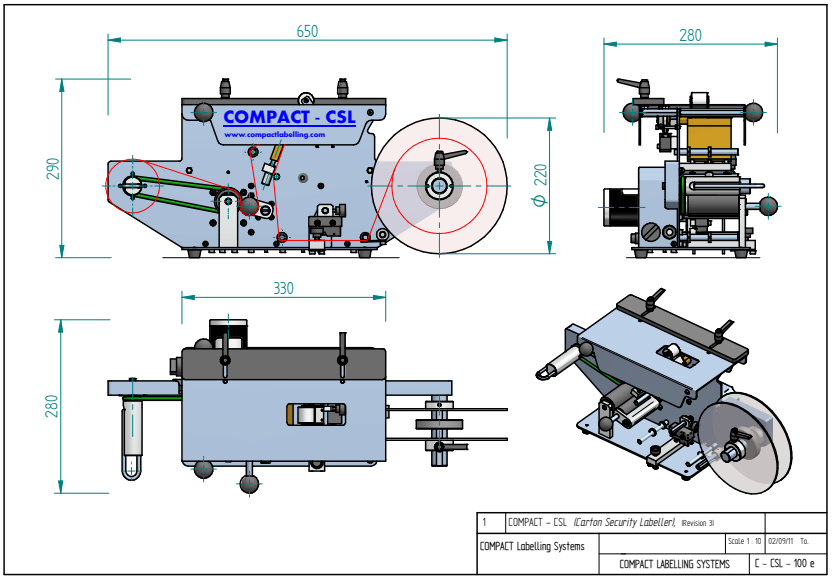
Label Length - Min 20 mm
Max 40 mm

Label Roll Max Ø220

Power - 240 Volts AC
2 Amps

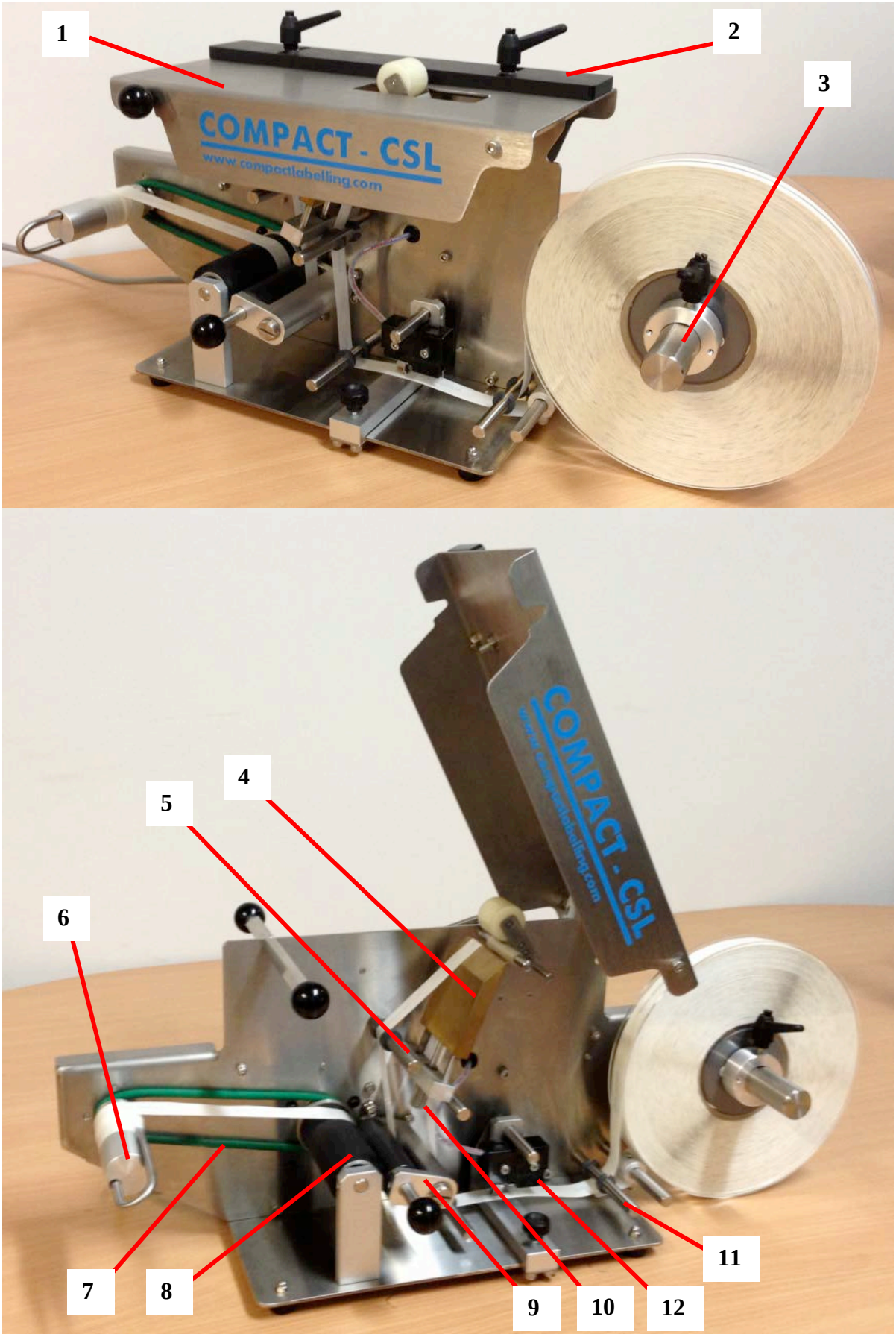
Dimensions -
690 (L) x 250 (W) x 270 (H)

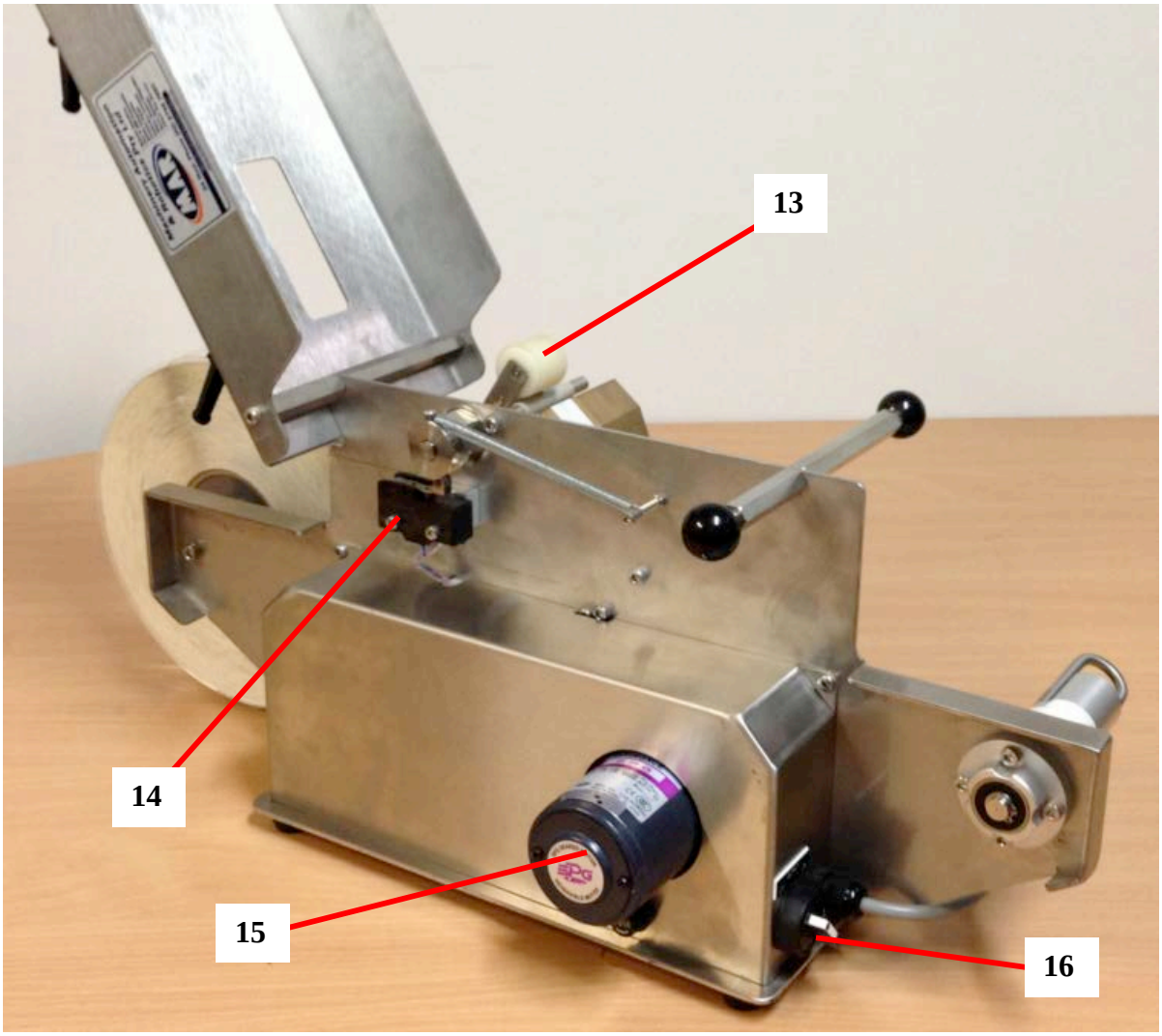
Weight - ~8 KGS



# EXTERNAL VIEWS

Parts identification






1 Slide Cover Assembly
2 Slide Guide Bar
3 Unwind Assembly
4 Dispensing Edge
5 Direction Rod Assembly
6 Rewind Assembly
7 Rewind Belt
8 Drive Roller
9 Pinch Roller Assembly
10 Dispensing Edge Adjusting Screw
11 Paper Brake Assembly
12 Label Sensor Assembly
13 Applicator Roller Assembly
14 Dispense Start Switch
15 Motor
16 Power Switch

# PARTS LIST

| Compact CSL (Carton Security Labeller) CSL-100 | | | | | |
|---|---|---|---|---|---|
| **Part No.** | **Description** | **Qty** | **Part No.** | **Description** | **Qty** |
| | ***Engineering Components:*** | | | ***Engineering Components: Cont*** | |
| C-CSL-001 | Base Plate | 1 | C-CSL-045 | Micro Switch Sensor Roller | 1 |
| C-CSL-002 | Side Wall Support | 1 | C-CSL-046 | Spacer Block | 1 |
| C-CSL-003 | Side Wall | 1 | C-CSL-047 | Gusset | 2 |
| C-CSL-004 | Guard | 1 | C-CSL-048 | Fork, (CSL) | 1 |
| C-CSL-005 | Slide Cover | 1 | C-CSL-049 | Pinch Roller, (CSL) | 1 |
| C-CSL-006 | Cover Holder, L-H | 1 | C-CSL-050 | Pinch Roller Rod, (CSL) | 1 |
| C-CSL-007 | Cover Holder, R-H | 1 | C-CSL-051 | Eccentric Shaft, (CSL) | 1 |
| C-CSL-008 | Bearing Housing | 1 | C-CSL-052 | Eccentric Shaft Support | 1 |
| C-CSL-009 | Cover Support, L-H | 1 | C-CSL-053 | Tension Spring , (CSL) | 1 |
| C-CSL-010 | Cover Support, R-H | 1 | C600-039A | Micro Switch Sensor Star | 1 |
| C-CSL-011 | Direction Rod | 3 | C600-040 | Micro Switch Sensor Star Axle | 2 |
| C-CSL-013 | Drive Roller Core | 1 | C-CSL-109 | Drive Roller Assembly | 1 |
| C-CSL-014 | Sliding Guide Bar | 1 | | ***Electrical Components:*** | |
| C-CSL-015 | Paper Guide Ring | 4 | C600-108 | Label Sensor Assembly | 1 |
| C-CSL-016 | Paper Brake Rod | 1 | T-MT-S6R06GXCE | Motor, | 1 |
| C-CSL-017 | Paper Brake Holder | 1 | T-GH-S6DA30B | Gear Head, 30:1 Ratio | 1 |
| C-CSL-018 | Label Disc | 2 | E-SSWTCH-AR22 | Selector Switch, | 1 |
| C-CSL-019 | Paper Brake Blade | 1 | E-PS-S82K-01524 | Power Supply,24 Volt | 1 |
| C-CSL-020 | Rewind Shaft | 1 | E-PLC | PLC, 24VDC | 1 |
| C-CSL-021 | Rewind Mandrel | 1 | E-SWITCH | Micro Switch, Z-15GW22-B | 2 |
| C-CSL-022 | Rewind Clip | 1 | M-FUSE-2A | 2A Fuse | 1 |
| C-CSL-023 | Rewind Disc | 1 | M-FUSEHOLDER | Fuse Holder, TFB-15 | 1 |
| C-CSL-024 | Unwind Mandrel | 1 | | ***Standard Components:*** | |
| C-CSL-025 | Label Disc Boss | 1 | B-6000-2RS | Bearing 6000-2RS | 2 |
| C-CSL-026 | Label Disc Boss , adjustable | 1 | BT-VOLTA-4.0 | Rewind Belt | |
| C-CSL-027 | Support Bar | 1 | M-21MM-R/FOOT | Rubber Foot, dia 21 x 13.5 mm | 4 |
| C-CSL-028 | Micro Switch Holder | 1 | M-FUSE-2A | 2A Fuse | 1 |
| C-CSL-029 | Micro Switch Holder Plate | 1 | M-FUSEHOLDER | Fuse Holder, TFB-15 | 1 |
| C-CSL-030 | Adjuster Rod | 1 | | | |
| C-CSL-031 | Guide Rod | 2 | | | |
| C-CSL-032 | Dispenser | 1 | | | |
| C-CSL-033 | Stopper Rod | 1 | | | |
| C-CSL-034 | Swing Shaft | 1 | | | |
| C-CSL-035 | Shaft Housing | 1 | | | |
| C-CSL-036 | Switch Pulley | 1 | | | |
| C-CSL-037 | Block | 1 | | | |
| C-CSL-038 | L-H Holder Plate | 1 | | | |
| C-CSL-039 | R-H Holder Plate | 1 | | | |
| C-CSL-040 | Roller Shaft | 1 | | | |
| C-CSL-041 | Roller Bush | 1 | | | |
| | | | | | |

# MAINTENANCE

## Trouble free Day to Day Operation

Of all the service enquires received by Compact Labelling Systems, 90% of them reference the following problems that can be corrected simply by cleaning the labelling head.

The Labelling Machine should be cleaned at the end of every 8 hour operational shift (depending on adhesive type this time could be shortened).

**Step 1:** Following the path of the label web, rub down everything that comes in contact with the label web to remove any adhesive build up, paper brake, all the direction rollers, guides, front and back of the dispensing edge, rubber pinch roller. The cleansing agent we recommend is Shellite. Acetone is very aggressive and is only recommended in severe cases and Methylated Spirits or Mineral Turpentine simply turn the adhesive, tacky but does not remove it and leaves an oily residue – these are not recommended.

**Step 2:** Thoroughly clean the Rubber Drive Roller with the same solvent. This roller can be one of the main contributing factors to slippage. Visually check that the roller does appear to have a rubbery texture and has not been so clogged as to become shiny and smooth. After extended use (years) this roller can become shiny or smooth, after cleaning rub it all over using a fine emery cloth, this must be done evenly as not to create a flat or non-round surface on the drive roller.

**Step 3:** Ensure the free spinning pinch roller, is free spinning. If this is not the case remove, clean and apply a thin film of grease to ensure free movement.

**Step 4:** Ensure plastic “paper guide collars” are fitted on the direction rods. These are to keep the label web straight to and guarantee the placement of the label

**Step 5:** Check that the label roll holder Disks allow the roll of labels to spins freely as not to cause a drag when label is being fed.

**Step 6:** At the end of the operational shift open the Pinch Roller from the Rubber Drive Roller. This ensures a flat is not created on the roller.

**Step 7:** Perform all these steps at the end of each shift and the machine will be ready and prepared for labelling the next time you wish to use it, providing you with accurate and reliable labelling.

## The End of Day

At then end of a days product

1. Switch power off
2. Open pinch roller gate between pinch & drive rollers
3. Clean the labelling head

## The Next Day

Simply Close the pinch roller gate (between pinch & drive roller) and switch power on,

## Special Maintenance Details

Adjusting Label Sensor ONLY TO BE DONE IF NEEDED not a normal adjustment

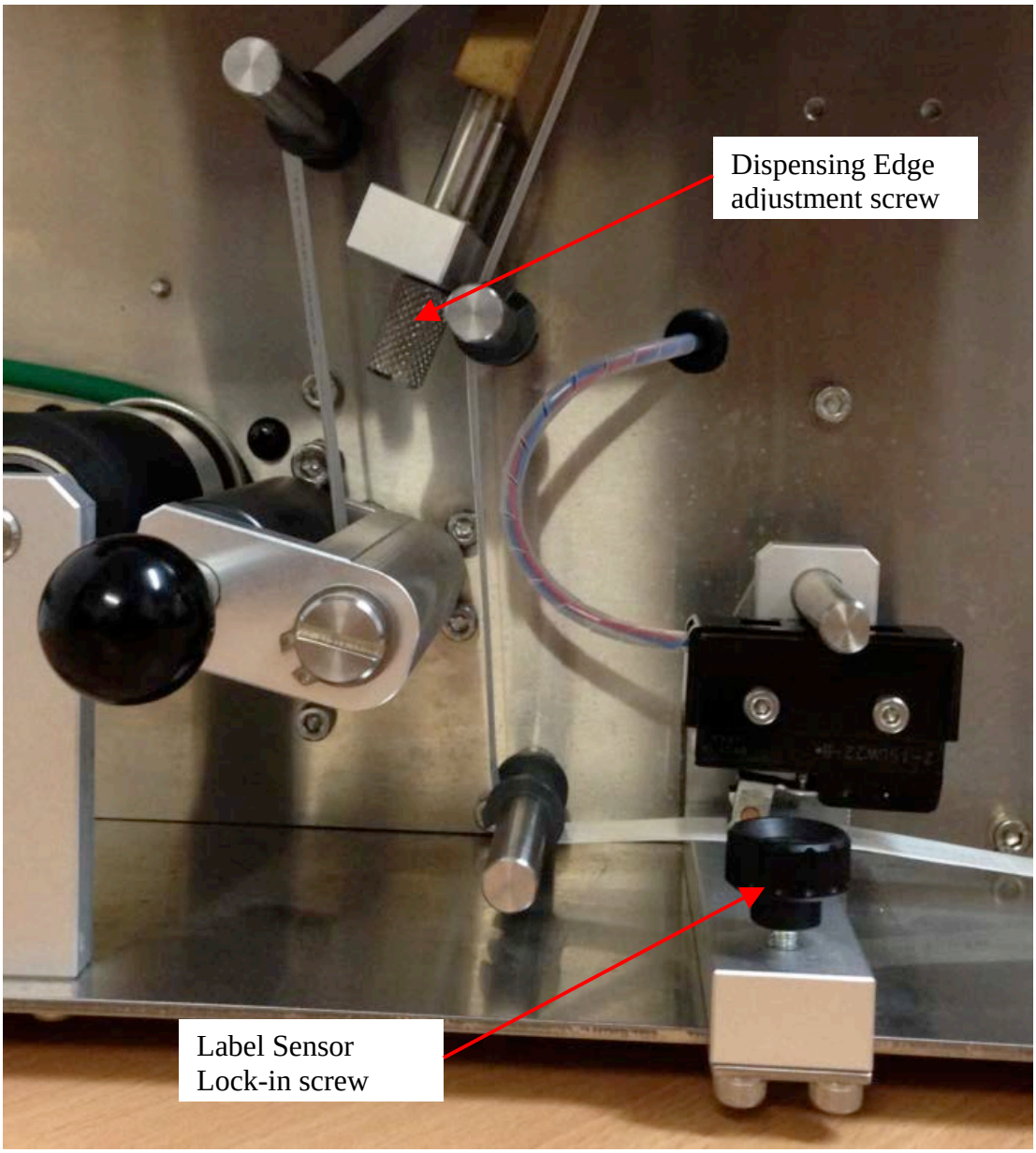
There are two special adjustments that can be made on the Carton Security Labeller, these include:

- Dispensing Edge Adjustment
- Label Sensor Adjustment

These adjustments must be made to produce the following results:

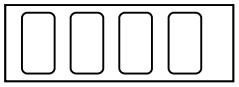
- Half of the label length must protruding above the slide cover assembly
- ~5mm of label must be still attached to the web

To adjust position of Dispensing Edge simply turn adjustment screw highlighted in the figure below.
To adjust label sensor position turn the lock –in screw counter clockwise and slide label sensor to required position. Lock-in screw is highlighted in the figure below.

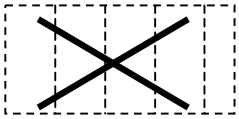


Note

The labels must be **Die-Cut** not Butt-Cut.



Die-cut labels can be shaped and have spacing between each label on the roll.



Butt-cut labels have square corners and no spacing between each label.