

# RRC-330 ENCODER USER MANUAL

## IMPORTANT!

The RRC will switch off automatically when it runs out of material. It is important to switch off the motor, or set the speed knob fully CCW before putting new material on the machine.

The machine can count a number of labels (LABEL COUNT) or the length of material (LINEAR DISTANCE).

### 1. To count labels:

- Set the switch at the back of the machine to "N".
- On the counter, press "E" + "3" together.
- Set the pre-scale value to "1,000".
- Press "E".
- Press "E" + "1" together.
- Key in the number of labels at which you want the machine to stop automatically, if desired.
- Press "E".

### 2. To measure length:

- Set the switch at the back of the machine to "L" (LINEAR DISTANCE).
- On the counter, press "E" + "3" together.

DESIRED READOUT UNITS	ENTER SCALE FACTORE
Millimetres (mm)	0.450
Centimetres (cm)	0.045
Inches	0.177
Feet	0.015

- The LINEAR DISTANCE encoder delivers 20 pulses/revolution. The scale factor is calculated as follows: multiply the diameter of the encoder shaft by 3.1416 ( $\pi$ ) and divide by 20. The encoder shaft diameter is 28,67mm (1,129").
- Key in the Scale Factor Value, e.g.: "0.450" \*. The counter will read out in mm, if you introduce the same value but divided by 10, unit will read out in cm, etc...
- Press "E".
- Press "E" + "1" together.
- If desired, key in the length of material (in mm, dm or other) at which you want the machine to stop automatically, if desired.
- Press "E".

\* The value is the calculated value of the scale factor, with experience you might want to slightly adjust this value to have a better accuracy. You can also change this value to read out in inches or feet as required.

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