

# OPERATOR GUIDE



IMBALLAGGI



## ***BP 555eMA*** ***ELECTRONIC TAPE DISPENSER*** ***FOR GUMMED TAPE***

The BP 555eMA electronic gummed tape dispenser offers the operator 14 preset choices from 15 - 145 cm - with the push of a button. Within the automatic mode up to 3 lengths can be saved and dispensed in a row or by turns. Additionally special function keys can adjust tape lengths. Large repeat key to dispense last length. Random length key to allow tape to be dispensed at any length. As an option there is a foot pedal for hands free operation available. A serial port allow to connect the AMD automatic measuring device (OPTIONAL)

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# **User's manual BP 555eMA Electronic paper tape dispenser**

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***Think green, think Better Packages™***

## 1. TECHNICAL DATA AND PROPER USE

- A) – The dispenser can be used with all types of paper tape, reinforced or not, with a width from 30 to 80 mm x 200 m. of length and max diameter of the roll of 210 mm.
- B) – The dispenser is designed and manufactured to dispense gummed paper tape and every different use must be considered improper and dangerous.

## 2. ATTENTION !

Before using this machine carefully read the operating instructions. They contain important indications on installation safety, use and maintenance. Keep this booklet with care for any further reference. It's customer responsibility to make sure that the personnel who will use the machine reads and understands this booklet. The builder cannot be made responsible for eventual damage to people, animals or things deriving from non-observation of the safety norms and the warnings here contained.

## 3. GENERAL REMARKS

Follow the safety and prevention rules for accidents and fires issued by the competent authorities, such as the eventual recommendations of industrial associations and trade unions in terms of personnel safety. This dispenser is designed and manufactured only to dispense stripes of gummed paper. A different use from that advised is not considered specific. The manufacturer will not assume any responsibility following an improper use of the machine. After unpacking, check the integrity of the machine. In case of doubt do not use the machine and enquire directly to the seller. Verify that the voltage of the machine (written in the proper plate) is the same as one you are about to use. Otherwise do not use the machine and enquire directly to the reseller. The electrical safety of this machine is guaranteed only when it is correctly connected to a grounded electrical system as prescribed by the present electrical safety rules.

When you disconnect the machine from the electrical plug, always pull by seizing the plug and not the cable. Never touch or operate the machine with wet hands or barefoot. Do not leave the machine on for long periods of time. Keep the machine away from children and from personnel who are not authorised or adequately instructed in the use of it. The use of the machine, as prescribed by the builder, also includes the respect of the rules of inspection maintenance and repair. Some part of the machine could reach high temperature, about 100 C° (top heater) and they should not be touched with the fingers. Keep always the machine in good status, clean and dry. ***The machine performs better in a rather dry environment, therefore we discourage usage in damp places, as the paper tape prefers dry places to be stocked and used.***

## 4. UNPACKING

The paper tape dispenser is packed complete and ready to be used. Take off the packing protections and position the parts which may have been dislodged in shipping, especially the 2 brushes in their water tank and the upper tape plate.

## 5. PREPARATION OF THE TAPE DISPENSER

**5.1 WATER FILLING:** After placing the bowl containing the brushes in his seat (img.1) remove the tank (bottle) of water, fill it and put it back onto the rails, with the nozzle to fill the dispenser. (img.2). The bottle is equipped with a device to prevent the escape of water from the spout if not inserted into the pan.



**5.2 MOISTENING OF THE BRUSHES:** to activate the system of moistening of the brushes, wash with hot soapy water before starting up, then mount them in the pan so that the side with greater height is in the front position (as seen in 1) . By placing the bottle remains constant moistening.

**5.3 PAPER TAPE ROLL INSERTION.** For insertion of the roll of paper tape: hit the roll guides in the housing, leaving enough slack. Insert the roll by opening the cover (img.3). Play the tape for approx. 30/40 cm. and pass it under, between the rubber roller and the stainless plate (img.4) with the gummed side facing down. Close the lid of the dispenser.



## 6. WAYS TO USE THE BP555eMa

**6.1 STARTING:** turn on the switch with ON / OFF (located on the left side) .It turn on the green light and you will hear a "beep". (img.5)



## 6.2 KEYBOARD CONTROLS

**KEY +**  
ADD 2 CM TO  
MEASURE THAT IS  
REQUIRED

**TASTO -**  
REMOVES 2 CM TO  
MEASURE THAT IS  
REQUIRED

**NUMBER KEYS**  
PICKING THE  
EXTENT STATED  
IN CM.

**KEY REPEAT/  
START**  
REPEAT THE  
MEASURE  
PREVIOUSLY  
REQUESTED



**LED FUNCTION  
AUTOMATIC**  
LIGHTS IN RED  
WHEN "A" IS  
ARMED

**KEY FUNCTION  
AUTOMATIC**  
FOR ENTERING  
THE FEATURE

**KEY 2X**  
DOUBLE THE  
LENGTH THAT IS  
REQUIRED

**RANDOM KEY**  
DISPENSES THE  
PAPER STRIPE  
UNTIL IS PRESSED

**KEY REPEAT2/  
ENTER**  
REPEAT A SECOND  
PREVIOUSLY  
SELECTED SIZE AND  
SAVE UP TO THREE  
LENGTHS IN AUTO  
MODE

The colored buttons corresponding to the 14 listed measures, from 15 to 145 cm. The button "random" (the one with the arrow down) distributes the strip of paper until pressed. Some functions to help the operator are given by the devices and key combinations listed below. If any of this combination does not work, you should feel a "Beep". In this case, repeat the key combination.

**6.3 AUTO REPEATER:** buttons REPEAT / START and REPEAT 2 / ENTER repeated measures requested previously: for example, pressing 15 and then pressing REPEAT / START, then 25 and REPEAT2 / ENTER, whenever these two keys are pressed, the measures which will be distributed will be respectively 15 and 25. Pressing other buttons, this storage will be lost.

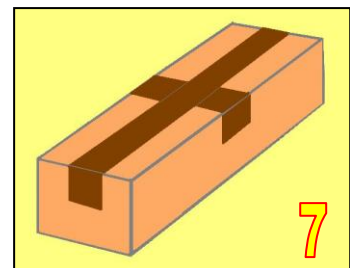
**6.4 LENGTHEN OR SHORTEN A PRE SET SIZE (MEASURE) :** you can increase or decrease preset length measures, using the + and - (top left) buttons. These, whenever you press + or - will add or reduce 2 cm (with a warning "beep"). For example, to obtain a strip of 19 cm., You press the button + twice and then 15. (Later, pressing "REPEAT" the machine will dispenses 19 cm.) The same is valid when you want to reduce a measure, pressing " - ". Button 2X works the same way, but doubles the extent that is required with the numeric keys.

**6.5 "RANDOM" KEY (FREE LENGTH ).** It is the key that allows the exit of the paper web continuously, until it is pressed. On his release to cut off the strip.It is the key used for the "corrections" ....

**6.6 AUTOMATIC REPEATER.** With the automatic function, removing a strip of paper, the machine dispenses automatically the next piece. With BP 555eMA you can store one, two or three lengths which are distributed in succession. To activate the automatic remove the last piece of paper and then press the A button: the corresponding red LED will light up.

**6.6.1. AUTOMATIC REPETITION OF ONE LENGTH .** When you have to close boxes that are always the same, assistance is given by the automatic repeater. After activating A, press the number button on the desired size (for example 35): a strip of tape of 35 cm will be dispensed. Remove it and then press REPEAT2 / ENTER. Now pressing REPEAT / START, another piece of 35 cm. will be released and when it is taken by the operator, the machine will prepare one another, then another, and so on.

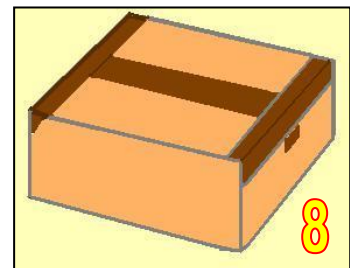
**6.6.2. AUTOMATIC REPETITION OF TWO LENGTHS .** This feature is ideal for the closure of the boxes at "cross" (img.7), with a strip long and one short. First of all make sure that the memory is cleared ( red led not flashing), if not, press A to switch off, remove any stripe of paper and then press A again (see red led on): the memory is ready to receive new input. There are used, for example, a strip of 45 cm. and a 65cm. Press the number key 45. A strip of 45 cm will be distributed:



remove it and press REPEAT2. Now press the numeric key 65: the machine will distribute a strip of 65 cm. Remove, press REPEAT2. After this procedure the two lengths are stored. Now pressing REPEAT / START you will obtain a strip of 45 cm, and once it is removed the BP 555eMa automatically prepare the strip by 65 cm, then 45 and so on ....

**6.6.3. AUTOMATIC REPETITION OF THREE LENGTHS**

This feature is ideal for the closure of the boxes to " H" (img.8), with a strip long and two short. First of all make sure that the memory is cleared: press A (off), remove any streaks and then press A again (red led on): the memory is ready to receive new input. There are used, for example, a strip of 65 cm and two 35 cm. Press the number key 65. A strip of 65 cm will be distributed: remove and press REPEAT2/ENTER to set. Then press the numeric key 35: the machine will distribute a strip 35 cm , remove and press REPEAT 2 / ENTER to set also this second length. Press button 35, remove the paper and store this third length with REPEAT2 / ENTER. The complete program is stored. Now pressing REPEAT / START you will obtain a strip of 65 cm., once removed the BP555e MA automatically prepare the strip by 35 cm, then the second 35, a new 65 ... 35 ... 35 ... and so on.



Obviously if three different sizes are needed, just set them with the corresponding number keys using this procedure.

**6.6.4. MODIFIED LENGTHS.** In automatic mode you can store measures also changed with the +, - and 2x button. By following the above steps, if you need a strip of 39 cm., press + two times, then 35 instead of the only number key and continue with the procedure.

**6.7 TOP HEATHER.** The BP555e MA is equipped with a water heating device on the tip of the brushes (img.9), to improve the reactivation of the glue of the gummed paper. Empirically, the operator will find the ideal temperature for the right type of gummed paper and depending on the climatic conditions in which it operates (it is evident that in the summer it will be necessary to heat less than in winter the water and that in a plant for the production of ice creams must be heated more than in a bakery .. ...) In general, the sealing of the adhesive increases with the increase in temperature up to the right point.



Too much heat can cause these problems:

- paper dries too quickly before the glue adhered to the cardboard.
- the paper curls and becomes difficult to spread ..
- In extreme cases with coated reinforced papers you can get to the delamination of the paper.

The heater has a knob for adjusting the temperature and can also be left turned to the OFF position.

## 7. MAINTENANCE.

Only a quick and easy maintenance is requested to maintain efficient the paper tape dispenser BP555eMA. Our products comply with safety standards. Repairs are to be carried out at our service centers or by qualified personnel. Imperfect repairs could cause accidents to the user. Use only original spare parts.

**7.1 PERIODICAL MAINTENANCE..**Determine the cleaning intervals of the unit, especially pan and brush, according to frequency of use. If you need to clean the keyboard using a damp cloth.

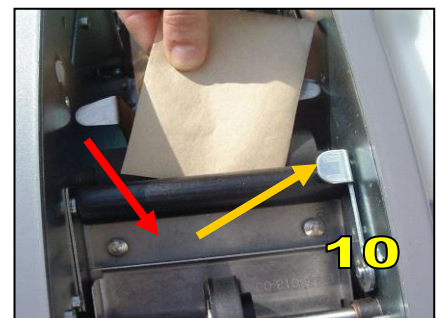
**All maintenance operations should be carried out with the power switched off!**

### RECOMMENDED SCHEDULE OF MAINTENANCE :

**WEEKLY :** Wash the brushes with soap and water and rinse well. Clean the paper dust that accumulates with a dry brush or blower; remove paper residues that may remain in the machine; wash the water container with soap and rinse well. In case of use of water is particularly rich in limestone, remove deposits on the tank and on the brushes using a descaling.

**MONTHLY :** Clean any build-up of glue from the blades (knife upper and lower) then oil them lightly on the back with a light oil, being careful not to grease the wheel towing. The knife is raised manually using the lever of the **arrow.**

**WHEN NECESSARY :** paper jams always raising the knife and the plate (arrow). Clean limestone or glue the paper guide plate of the pan. **NEVER use sharp tools or blades on the plates, that can be easily scratched and cause new jams...**



**7.2 ASSISTANCE :** Repairs must be performed by qualified personnel. If in doubt return the unit in its original packaging for repair, attach a brief description of the fault.

## 8. WARRANTY

The warranty of BP754 is 24 months from the delivery to the customer and doesn't cover the parts that can be used up (blades and brushes). The warranty doesn't cover defects and damages deriving from a bad or improper use of the dispenser and to the failed programmed maintenance as suggested at point 7 of this manual. The parts covered by the warranty are replaced without expenses if the defective parts will be returned free of transport charge to the manufacturer. The warranty must be considered cancelled in case of damage caused by fall or tampering of the machine, and in case of not application of the directions of this manual. If the machine needs a repair in our assistance centre, the warranty doesn't cover transport freights.

## 9. DICHIARAZIONE DI CONFORMITA'

Company



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declares that the under named machine, manufactured by Better Packages Inc. Ansonia, CT (USA)

ELECTRONIC PAPER TAPE DISPENSER MODEL	BP 555eMa
SERIAL NUMBER	
DATE OF DELIVERY	

complies with EEC MACHINERY DIRECTIVE (2006/42 / EC) and the EMC Directive (2004/108 / EC) for all of the relevant and applicable. Other standards applied: EN ISO 12100-1

Vigevano,

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