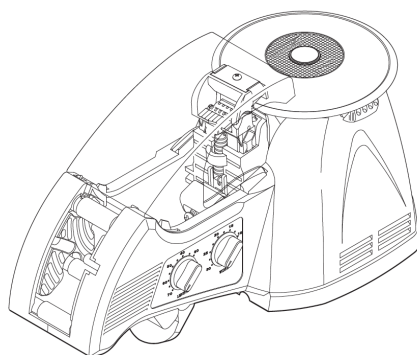




## **EZ-870 Auto Tape Dispenser**

### **Instruction Manual**



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# | Before Use

Thank you for purchasing the EZ-870 auto tape dispenser. The EZ-870 is a compact, unique feeding system which cuts various kinds of tape.

Please read the instruction manual carefully. For your safety, please keep this instruction manual for future reference.

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## | Safety Instructions

The safety guidelines in this instruction manual must be observed in order to prevent damage to the machine or injury to the operator or other person.

The safety guidelines prescribed “**Warning**” and “**Caution**” describe possible injury or damage that may be experienced from operating or maintaining the machine in a manner other than as described in this instruction manual.

Read and follow the safety precautions carefully before reading the instruction manual.

## | Definition of Warning Symbols



**Warning**

**WARNING:** Indicates a potentially hazardous situation which if not avoided, could result in death or serious injury.



**Caution**

**CAUTION:** Indicates that carelessness of handling may result in danger and that the operator is at risk of injury, or the machine is at risk of damage.



**Indicates Caution:** A symbol within the triangle, or the description, will indicate a specific hazard.



**Prohibited Action:** A symbol within the circle, or with a diagonal stroke, will indicate prohibited action.



**Required Action:** A symbol within the circle in black, or the description, will indicate the required action.

## | Warning

### Warning



Do not plug in, unplug the cord, or operate the machine with wet hands. Failure to observe this may result in injury due to electric shock.



Never insert your finger or any other body part or any foreign object into the machine. Failure to observe this may result in injury.



Keep hair or loose clothing away from the machine while it is operating. Failure to observe this may result in injury.



This machine is intended for industrial use only. Do not allow untrained operators or children to operate the machine. Failure to observe this may result in injury.



Turn off the power switch and unplug machine prior to replacing the blade or performing any maintenance on the machine. Failure to observe may result in serious injury.



Do not use this machine for anything other than its specified applications. Use of the machine for any unintended applications can cause injury to the operator or failure of the machine.

## Caution

### Caution



Do not expose the machine to water or other liquids. Do not install or use the machine where it may come in contact with water or other liquids. Exposure to water or other liquid can cause injury due to electric shock, or failure of the machine.



Never modify or disassemble the machine. This can cause injury or failure of the machine.



Always plug and unplug the machine by holding the plug. Never pull on the cord. Pulling on the cord can result in an injury due to electric shock.



Never place foreign objects into the machine. This can cause failure of the machine.



An operators presence is required whenever the machine is in operation. Turn the machine off and unplug the cord when the operator is not present. Failure to observe this can result in injury.



Do not cut or damage the power cord. A cut or damage to the cord can lead to electric shock, a short circuit or possible fire hazard.



Make sure the cord is connected properly to the electrical outlet as well as the receptacle on the back of the machine. A loose connection can result in high heat or fire.



Do not use the machine in areas where moisture is present, high temperatures exist, or a high content of dust or dirt is present. This can result in failure of the machine.

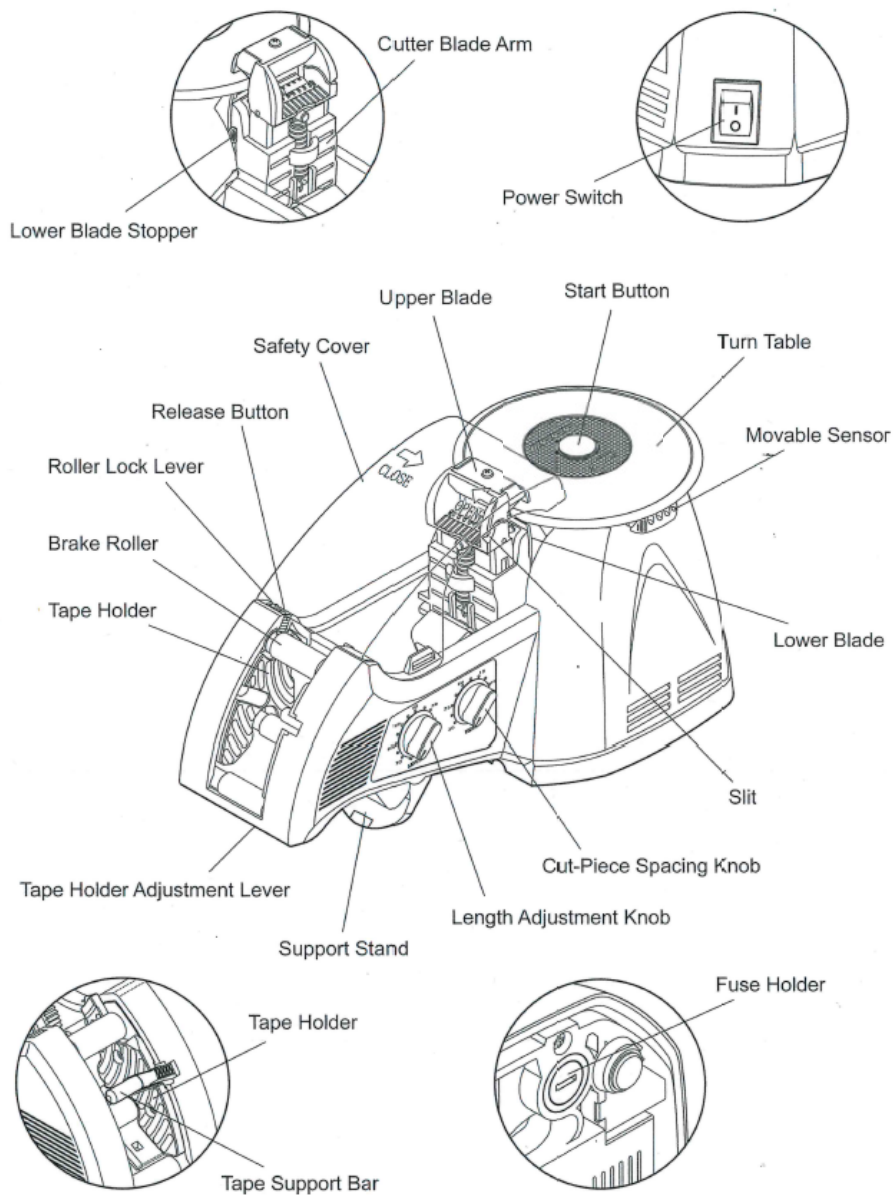


Always install and operate the machine on a flat, stable surface. Dropping the machine can lead to failure of the machine or injury to the operator.



Always remove the tape from the machine when you are finished with the operation. Leaving the tape in the machine may lead to a build up of adhesive on the part, or cause the tape to curl.

## Identification of Parts



# | Loading the Tape



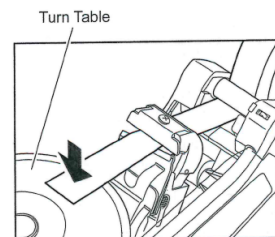
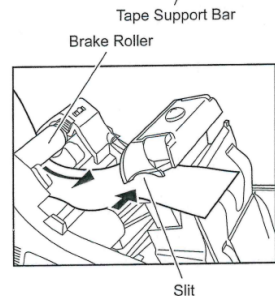
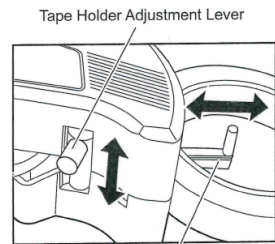
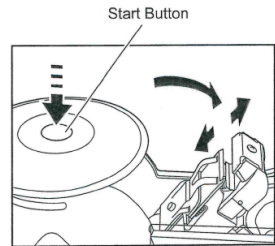
## Warning

WARNING: Whenever you set the tape, do not touch the upper or lower blades.



Make sure to turn the POWER SWITCH OFF when you set the tape.

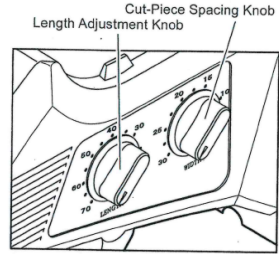
- Make sure the SUPPORT STAND is in use.
- Make sure the POWER SWITCH is off and then plug in the tape dispenser.
- Turn the POWER SWITCH on. A soft beep sound will occur then the start button lights and shows the mode color. The default on this tape dispenser sets number of cuts – when the light is red, it means 2 pcs is set.
- Slide SAFETY COVER to the open position. The START BUTTON will flash with a red light.
- Press the START BUTTON to move the CUTTER BLADE ARM. Hold the START BUTTON continuously and the CUTTER BLADE ARM moves intermittently. Stop when the cutter blades are wide open.
- Turn the POWER SWITCH off.
- Unplug the cord.
- Pull the TAPE SUPPORT BAR out to the limit.
- Pull the tape under the BRAKE ROLLER.
- Put the tape between the TAPE HOLDER, around the TAPE SUPPORT BAR and through the SLIT (between upper and lower blade) and affix the tape to the turn table.
- Adjust the TAPE HOLDER to the proper width by sliding the TAPE HOLDER ADJUSTMENT LEVER.
- Slide SAFETY COVER to the direction of CLOSE to close SAFETY COVER.
- Plug in the power cord.
- Turn the POWER SWITCH ON.
- Press the START BUTTON.
- When you use AUTO MODE A (blue light) or AUTO MODE B (purple light) it will stop rotating the turn table at the sensor which you set. When you use PRESET MODE (red light) the TURN TABLE stops rotating after finishing cut sequence.



## Setting the Tape Length and Cut-Piece Setting

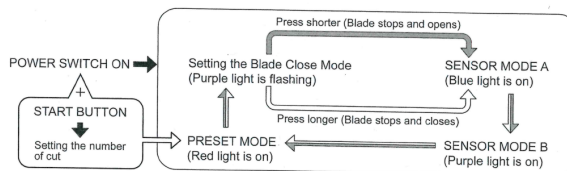
You can adjust the length and cut piece spacing whether EZ870 is on or off.

- Turn the LENGTH ADJUSTMENT KNOB to the desired tape length (the number is displayed in mm). The actual length will depend on the type of tape and its condition.
- Turn CUT-PIECE SPACING KNOB to the desired spacing. Make sure to keep the proper space between the cuts to avoid tape overlapping.



## Setting the Mode

- Depending on use, please select from the different mode options.
- To make changes to Sensor Mode A, Sensor Mode B, Preset Mode, Setting, or Blade Close Mode, please press the START BUTTON longer until buzzer sounds.
- The START BUTTON should be pressed longer when wish to set the blade close mode.
- When setting the blade open mode, just press the START BUTTON. The buzzer will still sound.
- Setting Sensor Mode A, Sensor Mode B, and Preset Mode is possible after setting the blade close mode.
- If the POWER SWITCH is turned on while pressing the START BUTTON, you will be able to set the number of cuts.
- Please refer to the illustration below.



### Setting the Blade Close Mode

- Hold the START BUTTON longer for setting the blade close mode.
- Setting the blade close mode means both upper and lower blade are closed when the cutting blade stops. Press the START BUTTON longer if you prefer this mode. This mode will be suitable for cutting longer tape pieces.
- Setting the blade open mode means both upper blade and lower blade are opened when the cutting blade stops. Press the START BUTTON shorter if you prefer this mode.
- When power switch turns on, the cutting blade will remain opened.



# Setting the Mode (Cont)

## Sensor Mode A

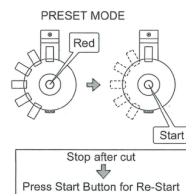
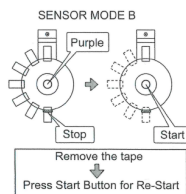
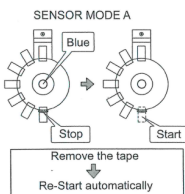
- Press the START BUTTON until Blue light is on.
- Move the MOVABLE SENSOR to the desired position.
- Press the START BUTTON, then start.
- When the tape reaches over the MOVABLE SENSOR machine will stop cutting (if the machine cannot stop cutting to pass through the movable sensor, check and adjust the position of MOVABLE SENSOR again).

## Sensor Mode B

- Press the START BUTTON until purple light is on.
- Move the MOVABLE SENSOR to the desired position.
- Press the START BUTTON, then start.
- When the tape reaches over the MOVABLE SENSOR machine will stop cutting (if the machine cannot stop cutting to pass through the MOVABLE SENSOR check and adjust the position of MOVABLE SENSOR again).
- When you remove the tape from the turn table, press the start button again.
- When the tape reaches over the movable sensor, the machine will stop cutting.

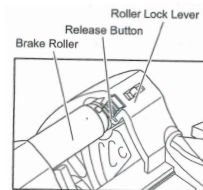
## Preset Mode

- Turn the POWER SWITCH off.
- While pressing the START BUTTON, turn the POWER SWITCH on at the same time.
- When the beep sounds, remove your finger from the START BUTTON (confirm the beep sounds again, and START BUTTON is flashing red and blue alternately).
- Press the START BUTTON and set the desired the number of cuts minus two (for example if you want to set ten pieces, you should press the START BUTTON 8 times. (Maximum set number of cut is 15 pieces).
- When you set the number of cut, press the START BUTTON longer until two beep sound comes.
- Make sure the START BUTTON light turned red.
- Press the START BUTTON and start to operate.
- The machine will stop cutting when it reaches the number of cuts which you set.
- After the POWER SWITCH IS TURNED OFF, the number of cuts is memorized.
- When you stop the machine during operation, the cut counter is reset once the START BUTTON is turned back on.



## Dealing with Curling Tape

- Press the ROLLER LOCK LEVER inward.
- Turn the BRAKE ROLLER until you cannot turn.
- With the roller locked, the tension may cause the length to vary.
- Cut several sample pieces and adjust the length if needed.
- Press the RELEASE BUTTON when you need to release the lock.



## Maintenance



### Warning

WARNING: the blades are very sharp. Do not touch the blades by hand.



When performing any maintenance make sure EZ870 is off.

- If you have been using the EZ870 a long time, tape residue starts to stick in the blades and it becomes harder to cut. Remove tape residue with alcohol.
- Check the screw of UPPER BLADE regularly. If the screw is loose, EZ870 cannot cut the tape properly.
- If the tape cannot stick on the TURN TABLE, clean the TURN TABLE by using alcohol with a clean dry cloth or swab to remove the residue.

## Our Recommendation

- When you carry EZ-870 please hold bottom of machine.
- Do not grab the TURN TABLE.
- Make sure the POWER SWITCH is off when setting the tape.
- Please follow the instructions when you set the tape.
- When EZ870 is not in use, please unplug and turn POWER SWITCH to OFF.
- When you finish using EZ870 remove all the tape from the turn table.
- Please do not modify EZ870.
- EZ870 is designed for tape cutting only. Please do not cut anything else.
- EZ870 is designed for industrial use.
- It is not recommended to use at home. Do not use around children.
- If EZ870 needs to be repaired, please send it to ASG with the tape in use.
- If you have any questions about cutting different types of tape, please contact us at 888-486-6163 or [asginfo@asg-jergens.com](mailto:asginfo@asg-jergens.com) and send a sample roll for evaluation

# Replacing the Upper and Lower Blades

The blades are consumable, and they will eventually wear out. If this happens, please replace with a new blade. The blades will last based on the tape's quality, material, and thickness.

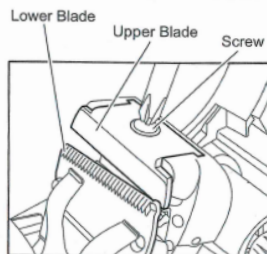


## Warning

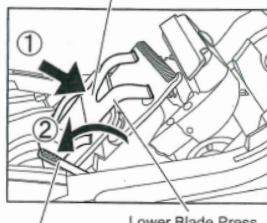
WARNING: The blades are very sharp. Whenever replaces the blades, do not touch the blades and use pliers.



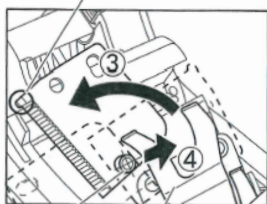
Before replacing the blades, make sure the power switch is off



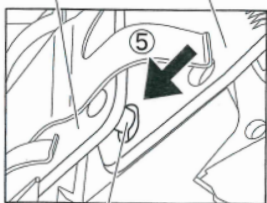
Press the Lower Blade Press



Projection



Insert the Slider's pin to the oval shape hole



Insert the Slider's pin to the oval shape hole

## How to Remove the Upper Blade

- Turn the POWER SWITCH off and unplug the cord.
- Slide SAFETY COVER to the direction of open to open SAFETY COVER.
- Take the screw out of the UPPER BLADE.
- Replace the new blade.
- Make sure that SAFETY COVER is definitely closed after setting tape.
- Plug in the cord and turn the POWER SWITCH ON and test to cut.

## How to Remove the Lower Blade

- Turn the POWER SWITCH OFF and unplug the cord.
- Slide SAFETY COVER to the direction of open to open SAFETY COVER.
- For easy remove, turn the LENGTH ADJUSTMENT KNOB to the limit.
- Press the LOWER BLADE PRESS and raise the LOWER BLADE STOPPER. ① ②
- Hold the projection of right side of the LOWER BLADE by pliers. ③
- Turn 180 degrees to the left and take the LOWER BLADE out from the fulcrum. ④

## How to Replace the Lower Blade

- Put the LOWER BLADE back to fulcrum.
- Turn the LOWER BLADE unit until the sliders pin can insert the oval shape hold of the LOWER BLADE. ⑤
- Pull the LOWER BLADE STOPPER down.
- If the blades are not set properly the machine is at risk of damage.
- Make sure that SAFETY COVER is definitely closed after setting tape.
- Plug in the cord and turn the POWER SWITCH on and the test to cut.

## Specifications

Power Requirements	100 VAC 50/60Hz	25W
	120 VAC 50/60Hz	
	220-240 VAC 50/60Hz	
Input Voltage Range	±5%	
Fuse	2 A	
Dimensions	126 W x 150 H x 258 D (mm) - 5 x 6 x 10 in.	
Weight	1.9 kg (4.2 lb)	
Body Material	ABS	
Tape Length	15 - 70 mm (0.6 - 2.8 in.)	
Tape Width	3 - 25 mm (0.1 - 1.0 in.)	
Outside Dia. of Roll	Ø150	

The specifications are subject to change without prior notice

The length of tape may differ from the set length depending upon the type of tape or its condition

Some types of tape may not cut depending upon conditions

## Warranty

All parts on EZ870 auto tape dispenser against defects in design, materials, and workmanship are under warranty for a period of 180 days.

Parts excluded from the above mentioned is cutting blades, as these are considered a wear part

Warranty repair is contingent upon our examination and determination that alleged defects have been caused by misuse, abuse, improper installation or application, repair, alternation, accident or neglect in use, storage, transportation, or handling.

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