

# 520YA HOT LAMINATOR

## OPERATION MAUNAL

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Please read this manual carefully before operation



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Thank you for purchasing and using our laminator

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## **SPECIFICATION**

Model	520YA
Max.laminating width	520mm
Max.laminating thickness	2mm
Laminating speed	15M/min
Hot laminating temperature	60 -160
Recommended film	Up to 250 mic
Display	LED
Driving motor	DC motor
Power supply	A220V/50,60Hz
Power consumption	4900W
Weight	400Kg

## MAINTENANCE AND SERVICE

PROBLEM:Wrinkling of the plastic in a laminated material.

SOLUTION:Check the tension of the film,make sure the film is threaded properly.

PROBLEM:Film is not preperly adhered.

SOLUTION:The laminating temperature is too low,there is not enough heat for melting the adhesive.Increase the laminating temperature.

PROBLEM:The laminated material seems to have a irregulat surface that does not match the texrure of the paper being coated.

SOLUTION:This is usually caused by adhesive build-up of dirt on the rubber rollers.Inspect the rubber rollers and clean it.

Damages to the rubbers can also cause irregularities in the surface of the film.

PROBLEM:Feneral haziness or cloudiness in the rilm after lamination.













SOLUTIONS:In crease the temperature or decrease the speed.That coludiness is a function of incomplere adhesion.On a variable speed machine loaded with thicker film,it may be that the film is being run too fast.

### SERVICE



For problems not listed here,contact your local dealer.  
If the service is required,please provide the following information.

- 1.The detail of the problem
- 2.Installation Date
- 3.Serial number

## Safety Attention

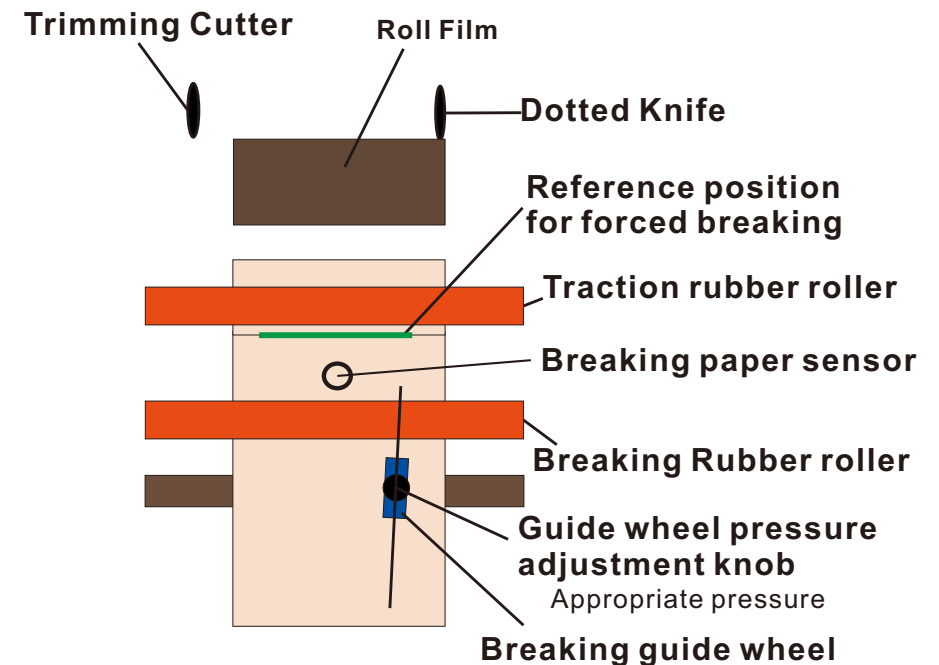
 <b>Warning</b>	
<p> <b>Do not use damaged, aged, and self-contained power cords.Do not overdo it Stretch, twist or wind the power cord to avoid fire and electric shock</b></p>	
<p> <b>Do not use a voltage other than the rated voltage of the power supply. Must use the standard voltage of the mating To avoid accidents involving fire and electric shock ,Power plug used The seat must be well grounded</b></p>	
 <p><b>No dismantling</b></p>	<p> <b>It is forbidden to disassemble, renovate and repair. In the unlikely event that an item is involved, press the Ejection button immediately. If there is no effect, immediately turn off the power and contact your dealer.</b></p>
 <p><b>Involved attention</b></p>	<p> <b>Items such as neckties, necklaces, and hair should be avoided. In the unlikely event that an item is involved, press the release button immediately.</b></p>
 <p><b>Electric shock attention</b></p>	<p> <b>Do not expose the power cord, plug, or machine to water or other liquids. Do not operate the machine with wet hands. Do not let the machine or heavy objects hold the voltage . When moving the machine, turn off the power before moving.</b></p>
 <p><b>High temperature attention</b></p>	<p>  <b>Do not insert flammable or softening materials into the machine to avoid them Melt in the machine and produce smoke Do not touch the rubber roller and other hot parts when the machine is working. To avoid burns</b></p>

# SAFETY PRECAUTIONS

 <b>CAUTION</b>	
WORKING PLACE	<ol style="list-style-type: none"> <li>1 This machine should be put at the dry and clean place, do not put it at the damp place or near the exit of cooling appliance.</li> <li>2 This machine should be put on the horizontal and film place. In front and rear of the machine, there should be sufficient place for the document in and out.</li> <li>3 Do not put any articles on the machine.</li> </ol>
LAMINATOR FILM	<ol style="list-style-type: none"> <li>1 Please use good quality laminating film, in order to show the laminating effect, and avoid the entanglement.</li> </ol>
OBJECT	<p>The laminating machine uses the hot press technology, do not use the following objects in case of laminating failure or laminating film entanglement.</p> <ol style="list-style-type: none"> <li>1 Easy-burnt material, easy-softened material.</li> <li>2 The document printed by heat-sensitive paper, or any articles that can be faded or transformed after heating.</li> <li>3 Any articles that have a drape, breakage, dampness or deformation before laminating.</li> <li>4 Coin or any other hard articles.</li> </ol> <p>means exception while cold laminating operation Do not attempt to laminate articles that exceed the recommended material thickness.</p>
MACHINE OPERATION	<ol style="list-style-type: none"> <li>1 Do not turn to other usages except the usage range stated in this operation manual.</li> <li>2 Do not use the machine outside the room. Before leaving, please cut off the power supply if the operation is over.</li> <li>3 Read all safety messages located in this manual and on the machine very carefully.</li> </ol>
 <b>ADVICES</b>	
<ol style="list-style-type: none"> <li>1 While operating the machine, mind the children nearby, in case of any suddenness.</li> <li>2 Do not suspend the electrical wire on the table or cabinet or any other places that the children can touch, or place easy-stumble persons.</li> <li>3 Using the accessory that is not recommended or sold by the manufacturer, might cause damage on the machine.</li> <li>4 The photo or document once is laminated, it will become permanent and will not be taken apart.</li> <li>5 Please do not laminate the collected rare articles, or some articles might be taken out in the future.</li> </ol>	

## 6. Operation method of automatic breaking function

1. When using the automatic breaking function, the dotted knife must be placed correctly, otherwise it will not be automatically breaking. Place the dotted knife at a position 5 mm away from the edge of the films, and tighten the dotted knife positioning knob.
2. Turn on "Breaking" function
  1. Open the automatic breaking switch on the back of the machine
  2. Click the "Break" button on the display. Green On means in normal working state
  3. Adjust the left and right positions of the "Breaking Guide Wheel", with the dotted knife as the reference. The breaking guide wheel needs to be biased to the side of the dotted knife and to the paper edge 10cm. (As shown below)
  4. Adjust the tilting direction of "Breaking Guide Wheel", with the dotted knife as the reference, the breaking guide wheel needs to be slightly inclined to the side of the dotted knife. (As shown below)

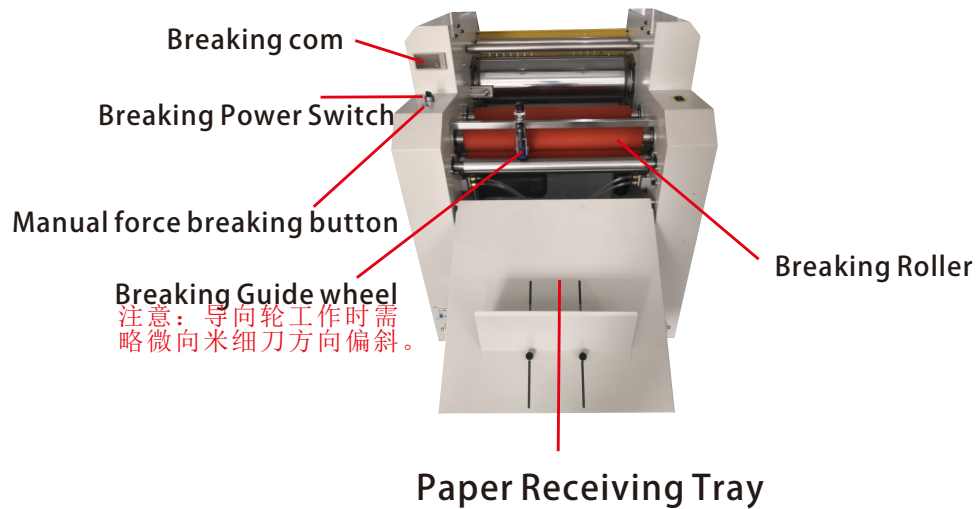


### Attention:

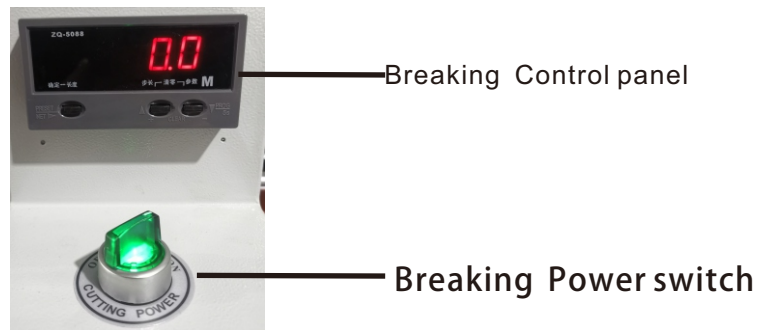
There is a breaking paper sensor between the traction rubber roller and the breaking rubber roller. When the breaking function is activated, the first paper cannot cover the paper measuring sensor, otherwise it will cause inaccurate counting and cause a breaking error. If the sensor has been covered, then the current two seams of the paper are broken with the "manual force breaking button" when the traction rubber roller is passed, and can work normally after breaking.

7. Anti-curl adjustment method: the thinner the paper, the lower the adjustment needs to be pressed, and the thicker the paper, the pole is adjusted appropriately, and the effect can be adjusted again.

## Automatic breaking function

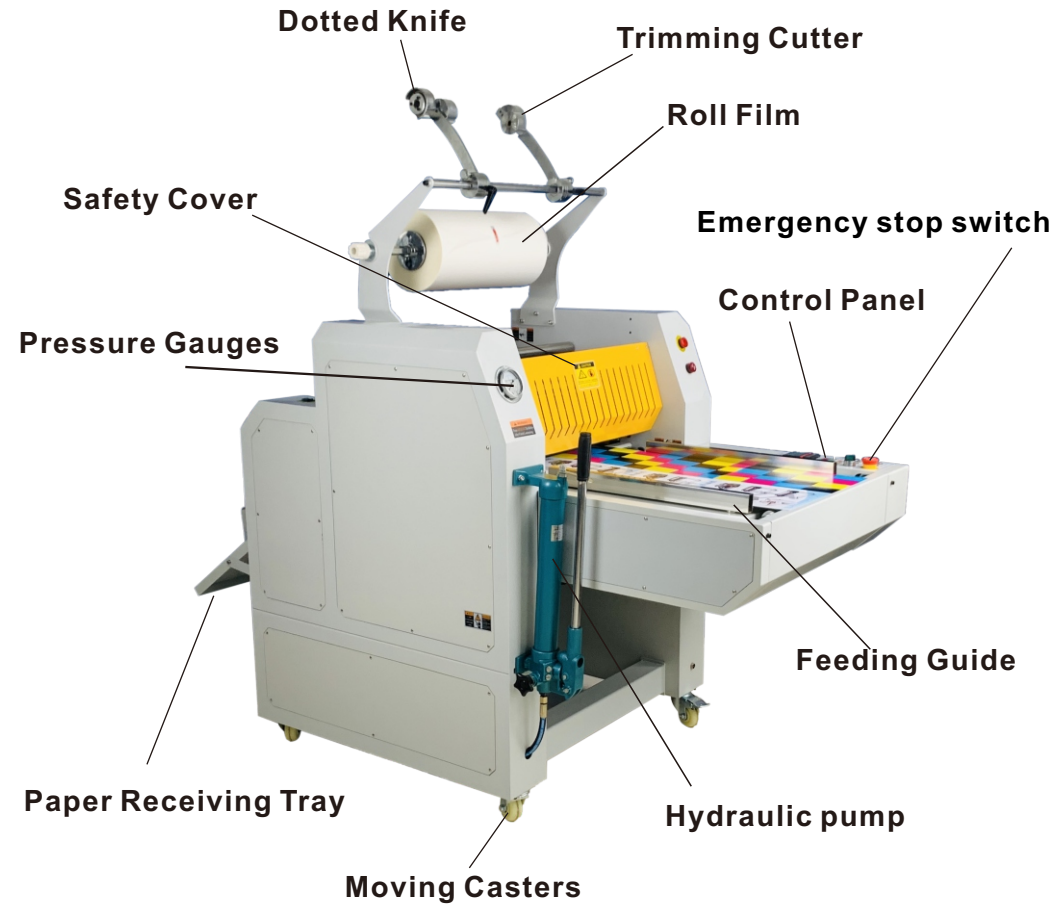


### Breaking Set

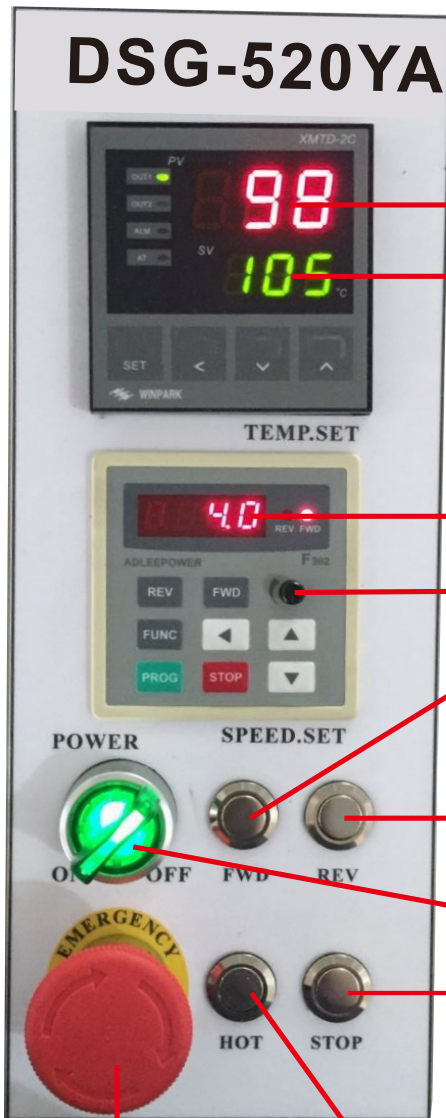


- 1、Turn on of the Breaking power switch。
- 2、Press the PRESET buttom 5 second, press the ▲+ ▼- buttom set paper size。
- 3、Press the PRESET buttom, Complate the set。

## Machine Parts Instruction Diagram



## CONTROL PANEL



Roller temperature

Set temperature

- 1.Press SET, the SV is light.
- 2.Press **▲ ▼** set the temperature.
- 3.Press SET . Set and.

Frequency Of Speed

Speed Set Konb

Motor forward button

Motor reversal button

power switch

Motor stop button

Roll heating button

Emergency stop switch

## CONTROL PANEL



Roller actual temperature

Set temperature

- 1.Press SET  
The zone of set temperature to flash
- 2.Press **▲ ▼** Set temperature  
Then Press SET  
Finished set temperature

## Hydraulic pump using method



2 Push/pull the handle  
Bottom roll up and Increase the pressure.

1 Turn right knobs

3, Turn left knobs, Bottom roll down.

4, Laminating press at 2MP-3MP.