

390AF

Automatic laminator

Operation manual

Please read this manual carefully before use



Please read all the contents of this manual carefully before use and keep it properly for future reference
This user manual provides a detailed introduction to the operating steps and precautions of this
machine

Sincerely thank you for choosing and using our company's laminating machine

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Safety caution

 <h2 style="display: inline-block; margin-left: 10px;">WARNING</h2>	
	<p>Do not use damaged, aged, or privately processed power cords. Do not excessively stretch, twist, or wrap the power cord to avoid fire or electric shock accidents.</p>
	<p>Do not use voltage other than the rated voltage of the power supply. It is necessary to use a matching standard voltage to avoid fire and electric shock accidents. The power socket used must ensure good grounding.</p>
 <p>Disassembly prohibited</p>	<p>Unauthorized disassembly, renovation, and repair are prohibited.</p> <p> In the event of an item being involved in an incident, the release button should be pressed immediately. If there is no effect, immediately cut off the power supply and contact the dealer.</p>
 <p>Entangled attention</p>	<p> Items such as ties, necklaces, and hair should be avoided from getting involved in the incident. In the event of an item being involved in an incident, the release button should be pressed immediately.</p>
 <p>Electric shock precautions</p>	<p> Do not touch the power cord, plug, or machine with water or other liquids. Do not operate the machine with wet hands. Do not let the machine or heavy objects press down on the voltage line. When moving the machine, please cut off the power supply before moving.</p>
 <p>High temperature precautions</p>	<p> Do not insert flammable or easily softened materials into the machine to prevent them from melting and generating smoke.</p> <p> When the machine is working, do not touch the rubber rollers and other hot parts to avoid burns.</p>

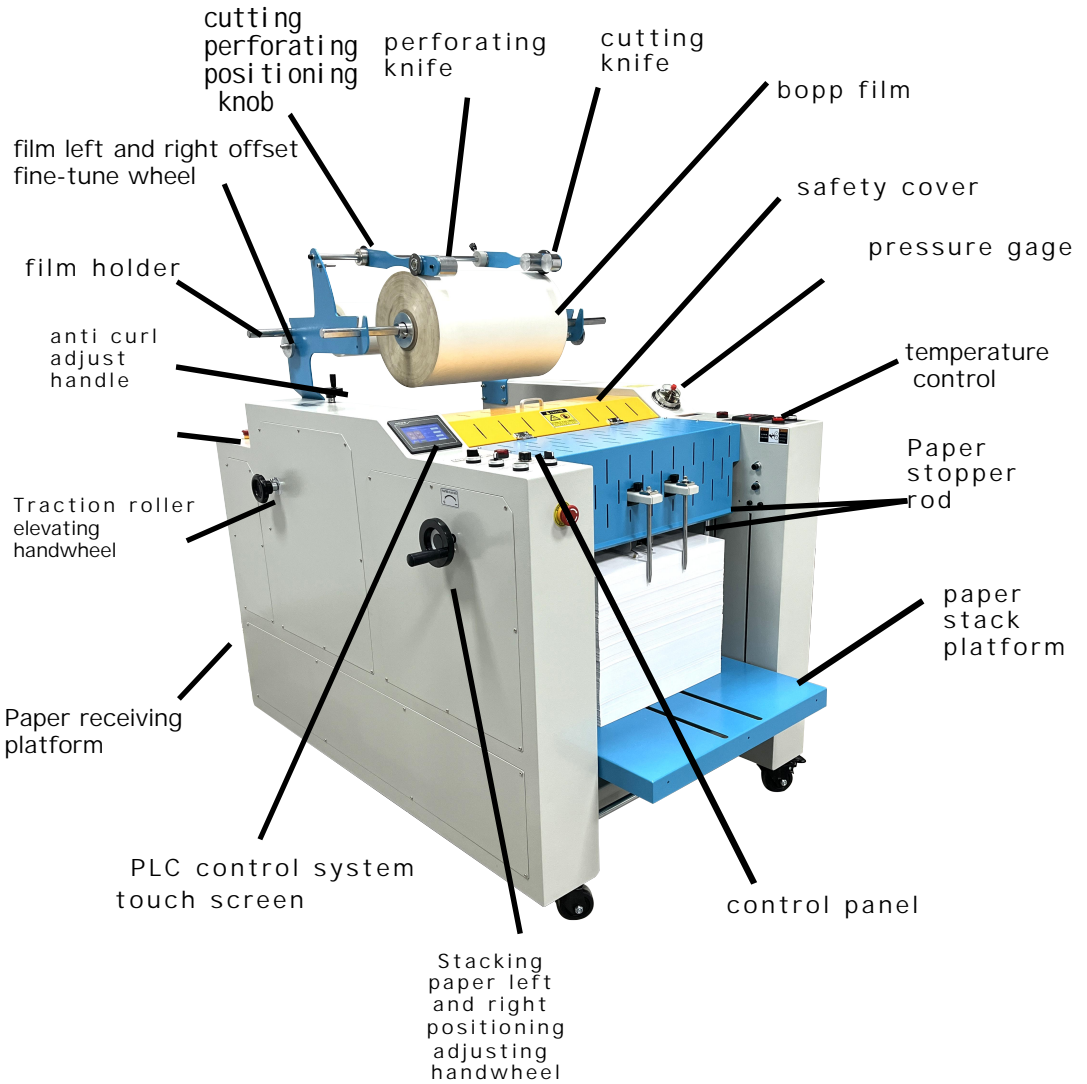
Safety caution



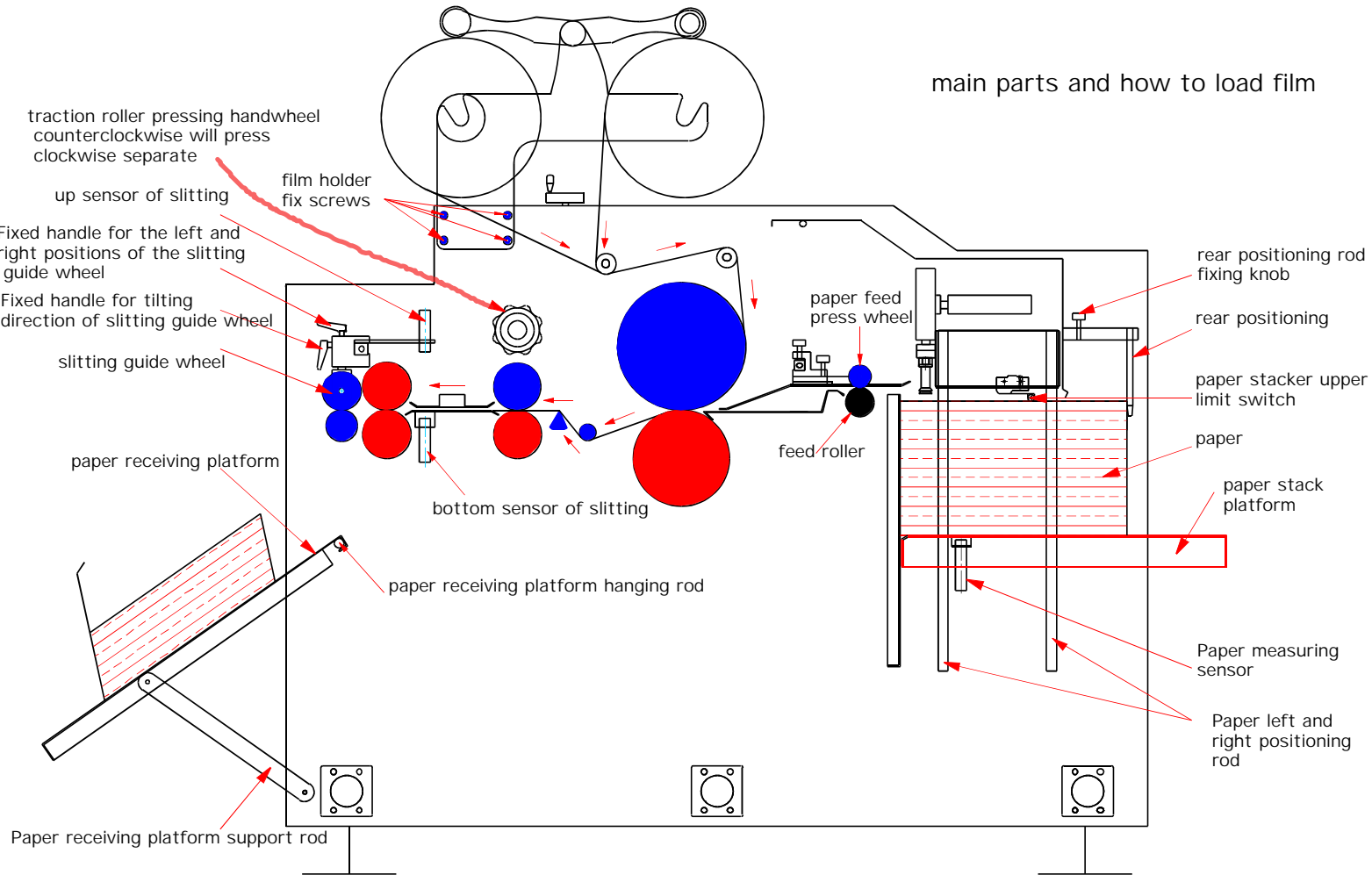
WARNING

Place of placement	<ol style="list-style-type: none"> 1. This machine should be placed in a dry and clean place, not in damp places or near the outlet of the cooling device. 2. This machine should be placed on a horizontal and stable surface. Sufficient space should be left in front and behind the machine to facilitate the input and output of the original document. 3. Do not place items on this machine.
BOPP FILM	<ol style="list-style-type: none"> 1. Please use high-quality pre coated film to reflect the lamination effect.
Object	<p>The laminating machine uses hot lamination technology, paying attention to the following items to prevent lamination failure or pre coating film entanglement:</p> <ol style="list-style-type: none"> 1. Flammable and easily softened materials. 2. Text and images printed on paper using thermal induction, or items that may change color or deteriorate after heating. 3. Items that are wrinkled, damaged, damp, or deformed before cold lamination. 4. Coins, copper plates, or other hard objects. <p>indicates that exceptions can be made when using the cold lamination function.</p>
mechanized operation	<ol style="list-style-type: none"> 1. Except for the scope of use specified in the operation manual, it cannot be used for other purposes. 2. Do not use outdoors. After the operation is completed, please lift the rubber roller and cut off the power to leave. 3. When the power supply is damaged or the machine malfunctions, do not use it again. It is recommended to replace it as soon as possible Send the machine to a dealer or authorized service for repair. Do not repair without authorization.
<div data-bbox="445 1074 551 1171" data-label="Image"> </div> <div data-bbox="571 1129 731 1171" data-label="Section-Header"> <h2>Advice</h2> </div>	
<ol style="list-style-type: none"> 1. When using the machine, please pay attention to children around to avoid accidents. 2. Do not hang the power cord near the table, counter, or any place where children can reach it, or where it is easy to trip people. 3. Using accessories that are not recommended or sold by the manufacturer may cause damage to the machine. 4. Once a photo or document is covered with film, it is permanent and cannot be opened again. 5. Do not cover precious items in your collection or items you wish to remove in the future. 	

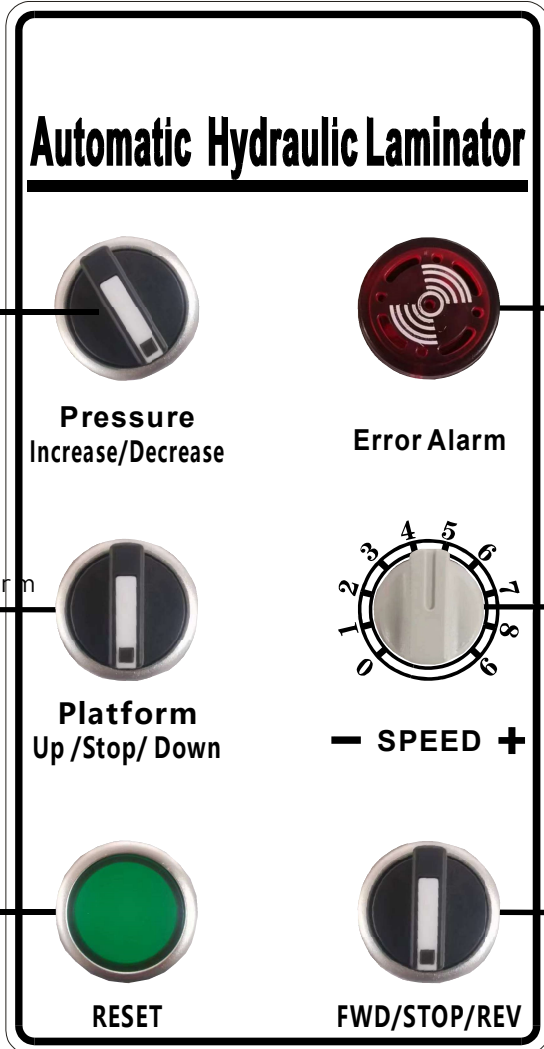
Parts name



main parts and how to load film



Control panel introduction



hydraulic pump
Pressure switch

no paper/no film/
film break and
error alarm

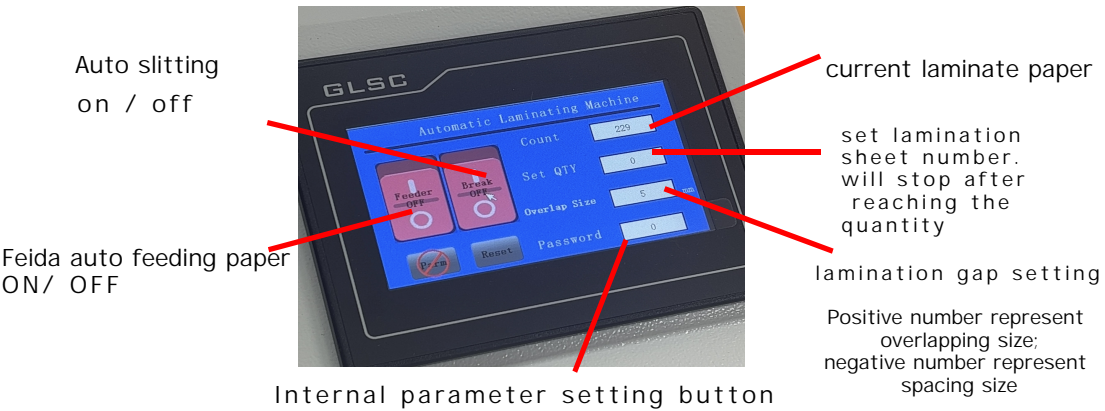
paper stack platform
up/stop/down
switch

speed control

no paper/no film/film
break and fault alarm
clear/ reset button

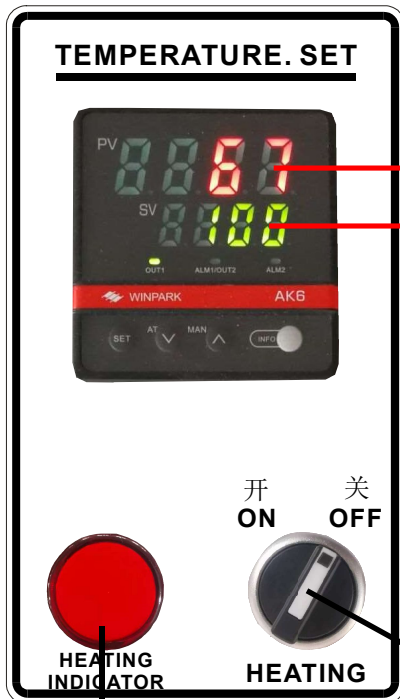
FWD/STOP/REV
SWITCH

Touch screen and temperature control panel introduction



Internal parameter setting button

(It has been set up before leaving factory, users need to consult the manufacturer before setting up the system)



actual temperature

set temperature

Temperature setting method:

1. Press SET, the set temperature zone will flash

2. press  to set temp.

3. Press SET, Complete temperature setting

Heating switch

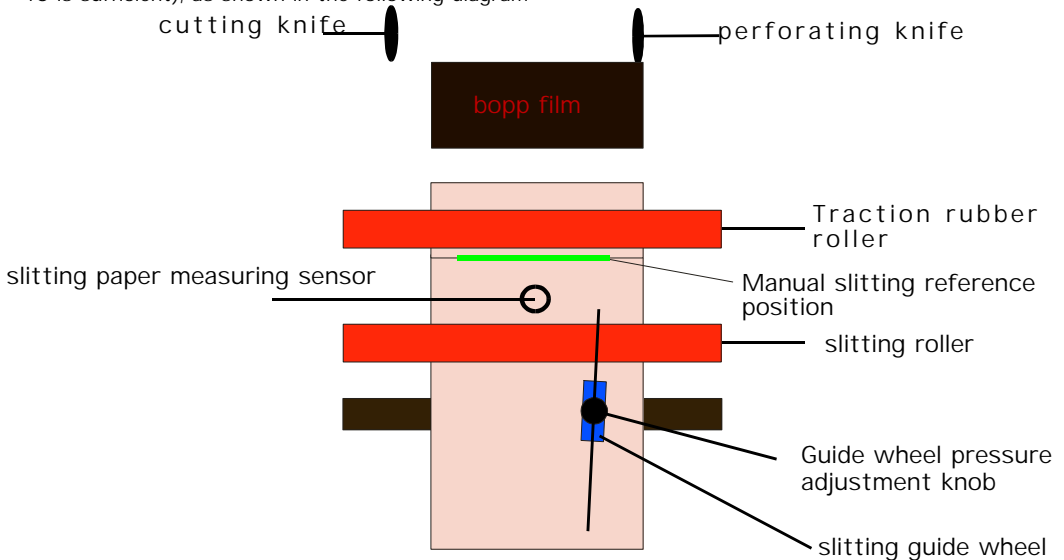
Heating indicator light

The light remains on during heating, flashing when reaching the set temperature

Operation way

Auto slitting operation way:

1. When using the automatic slitting function, the perforating knife must be placed correctly first, otherwise it will not be able to automatically slitting. Place the perforating knife 3-5mm away from the edge of the film and lock the positioning knob of the perforating knife.
2. Turn on automatic slitting function:
 1. Click the touch screen break off button to switch to the break on state, Turn on the automatic breaking function, the button in green and display (breaking on)
3. Adjust the left and right positions of the "Slitting Guide Wheel": Using the perforating knife as a reference, the slitting guide wheel needs to be tilted towards one side of the perforating knife, about 10cm away from the edge of the paper. (As shown in the diagram below)
4. Adjust the tilt direction of the "Slitting Guide Wheel": Using the perforating knife as a reference, the slitting guide wheel needs to be slightly tilted towards one side of the perforating knife (an angle of 5-10 is sufficient), as shown in the following diagram



Attention: There is a paper slitting sensor between the traction roller and the slitting roller,

When the slitting function is activated, the first paper cannot cover the paper measuring sensor, otherwise it will cause inaccurate counting and result in a slitting error,

If the sensor has been covered, then the seam of the two sheets of paper has passed through the traction rubber roller, use the "Manual slitting Button" to break, and after breaking, it can operate normally.

Operation process

1. Check the appearance of the machine first, to prevent damage during transportation. Ensure that the machine is intact and undamaged.

2. Install and power on the machine:

Install paper receiving platform, and install film holder.

Connect the power supply (this machine is 220V, 16A plug AC power supply), turn on the leakage protection switch.

Turn on air compressor, install the air filter element of the air compressor and connect the air pipe of the air compressor to the oil-water separator.

3. Set the temperature and turn on preheating:

The commonly used film temperature set between 90 to 110 degrees, turn on heating button,

The heating indicator is on, indicating that the machine is in a heating state.

Due to certain differences in temperature between each machine, the temperature should be adjusted appropriately based on the actual film laminating effect.

4. Install bopp film:

After the temperature reaches, the film can be loaded. When loading the film, align the edges of the film and paper as much as possible, and lock the screws of the film sleeve to prevent displacement during the film laminating process.

Please refer to the schematic diagram of film loading (page 4) for the film loading method.

For specific film loading techniques, please contact us to obtain the operation video

5. Roller pressurization:

Turn on the electronic hydraulic pump pressurization switch, and pressurize the steel roller. The default hydraulic pressure at the factory is 5MPa. If you want to adjust it, please ask the manufacturer.

Rotate the traction roller pressing handwheel counterclockwise until the traction roller is pressed in.

6. Stacking paper, raising the paper stacking platform:

Organize the paper which will be laminated. When organizing, scatter the paper to prevent mutual adhesion or absorption between the papers.

After completion, neatly place the paper on the paper stacking platform, and adjust the left and right positioning paper stopper rods, as well as the rear paper stopper rods.

After adjust well, turn on the platform lifting switch to automatically raise the platform to its position.

7. Turn on auto feeding and auto slitting function:

Turn on auto feeding function: click the feed off button on the touch screen to switch to feed on, The button indicates green means that the auto paper feeding function is turned on.

Turn on auto slitting function:

Click the slitting off button on the touch screen to switch to slitting on,

The button indicates green means that the slitting function has been activated.

8.Speed regulation and operation: Wait until the above steps are ready

Speed regulation: Turn the speed regulation knob to adjust the desired speed (note: after adjust properly speed, try not to adjust the speed again, as the film spacing may vary at different speeds.

Operation: Turn on the forward switch to proceed with normal lamination. Attention: When starting the operation, the first sheet of laminate paper needs to press manual cut then can fully activating the automatic cutting function. Please refer to the specific instructions for cutting operation, page 7 or video

9.Anti curling adjustment method: The thinner the paper, the higher the adjustment plate needs to be adjusted. Conversely, the thicker the paper, the adjustment plate needs to be adjusted lower. Check the effect, and it can be adjusted again

Maintenance matters

Maintenance items:

1. Regularly clean the rubber roller and steel roller, and keep the surface of the rubber roller and steel roller clean and free of dirt to avoid affecting the film coating effect.
2. Regularly check whether all parts of the machine are intact and add lubricating oil to the bearings and chain sprockets regularly.

Precautions:

1. During the operation of the machine, it is strictly prohibited to touch any rotating parts on the machine to avoid personal injury.
It is strictly prohibited to touch live parts of the machine without any professional tools and skills, in order to avoid personal injury.
2. During the operation of the machine, it is prohibited to pile up debris and hard objects on the paper feeding table and body to prevent them from being damaged during operation
Transferring debris or hard objects into the machine may cause damage to the rollers and other components of the machine.
3. If there is machine error, please report it to the seller for repair as soon as possible.