



MOSLC 37 Conveyor Belt Feed Roll Laminating Machine



Operation Manual

Please read this manual carefully
before operating the machine.

TABLE OF CONTENTS

1.	Safety Predcautions.....	1-2
2.	General Maintenance.....	2
3.	Description of Parts.....	3
4.	Description of Control Panel.....	4
5.	Operation.....	5-6
6.	Notes.....	7-8

SAFETY PRECAUTIONS

 CAUTION & WARNING	
<p>⚠ Please do not use broken, aging or self-made electrical wire and damaged supply cord. Please do not immoderately draw, twist or enlace the electrical wire, to avoid the fire or electric shock.</p>	
<p>⚠ Please do not use the power supply that is not in accordance with the rated voltage, to avoid fire or electric shock.</p>	
 NO DISJOINT	<p>⚠ Don't disjoint, modify and repair the machine by yourself. ⚠ If there are any problems on the machine, please do not use it, send it to the dealer for repairing.</p>
 ENTANGLEMENT CAUTION	<p>⚠ Keep hands, long hair, loose clothing and articles such as ties or necklaces away from the front of the heating roller and pull roller to avoid entanglement. ⚠ In case some articles entangled, press the REV button right away; if not workable, cut off the power supply at once, and contact your dealer for settlement.</p>
 ELECTRIC SHOCK CAUTION	<p>⚠ Do not make the electrical wire or plug or the machine bedewed by water or other liquids. ⚠ Do not operate the machine with wet hand. ⚠ Do not make the machine pressing on the electrical wire. ⚠ Do cut off the power supply while moving the machine. ⚠ Do not operate the machine with the cover open.</p>
 HIGH TEMPERATURE CAUTION	<p>⚠ Do not insert the easy-burnt or easy-softened material into the machine, as they might melt and give rise to smoke. ⚠ Do not touch the heating roller and heating parts while the machine is working in order to avoid heat injury.</p>
WORKING PLACE	<p>⚠ 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 appliances. ⚠ This machine should be put on the horizontal and firm place. In front and rear of the machine, there should be sufficient place for the document in and out. ⚠ Do not put any articles on the machine.</p>
LAMINATING FILM	<p>⚠ Please use good quality laminating film, in order to show the lamination effect, and avoid the entanglement.</p>
OBJECT	<p>⚠ The laminating machine uses the hot press technology, do not use the following objects to avoid laminating failure or laminating film entangling. ※ 1. Easy-burnt material, easy-softened material. ※ 2. The document printed by heat-sensitive paper, or any articles that can be faded or transformed after heating. 3. Any articles that have drape, breakage, dampness or deformation before laminating. 4. Coin or any other hard articles. ※ means exception while cold laminating operation. ⚠ Do not attempt to laminate articles that exceed total suggested material thickness.</p>
MACHINE OPERATION	<p>⚠ Do not turn to other usages except the usage range stated in this operation manual. ⚠ Do not use the machine outside the room. Before leaving, please cut off the power supply if the operation is over.</p>

SAFETY PRECAUTIONS

ADVICES

- ⚠ While operating the machine, mind the children nearby.
- ⚠ Do not suspend the electrical wire on the table or cabinet or any other places where the children can access to, or where people might get stumbled.
- ⚠ Using the accessory not recommended or sold by the manufacturer might cause damage on the machine.
- ⚠ Once the photo or document is laminated, it will become permanent and will not be taken apart.

General Maintenance

Do not laminate the metal or other hard items in case the damage of the rubber rollers.

While stop the laminating, loosen the pressure handles. Do not press the rubber rollers in case the rubber become stiff and thus shorten its work-life.

Cleaning the machine timely will help prevent dirt or adhesive build-up on the rubber rollers and will improve the performance of the unit.

CLEANING THE ROLLERS

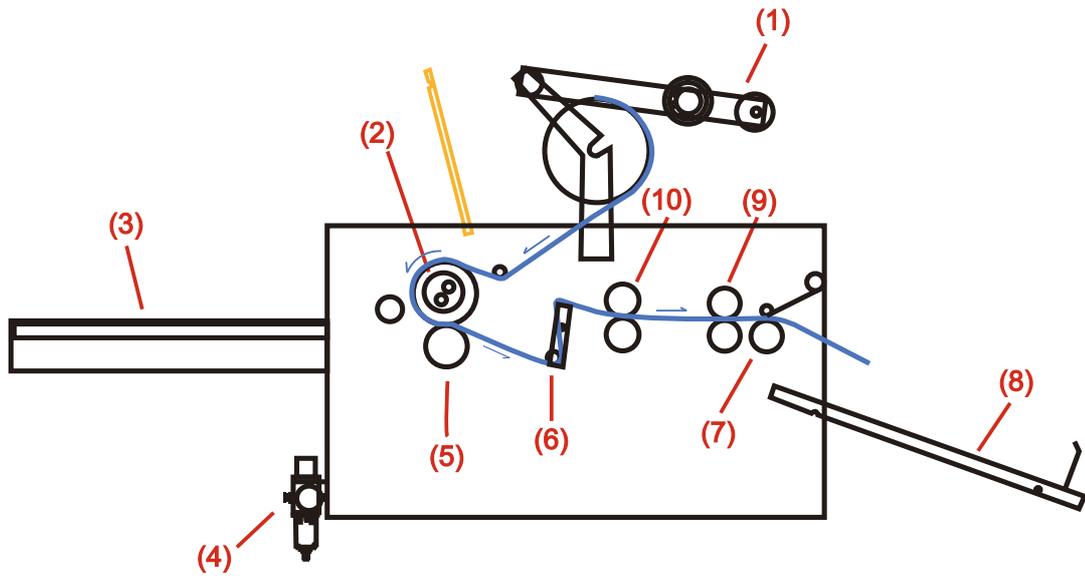
During the normal lamination, excess adhesives from the film will often stick to the rollers.

To clean the rollers, lift the roller, remove the film from the machine first, heat up the machine to 30°C-40°C. The warm roller enables users to remove the adhesive substance easily from the rollers. Using a clean, soft, ethanol dampened cloth, gently rub the adhesive off the rollers.

CAUTION: Never use any abrasive or sharp metal material or rub too hard on the roller because you may damage the rubber surface.

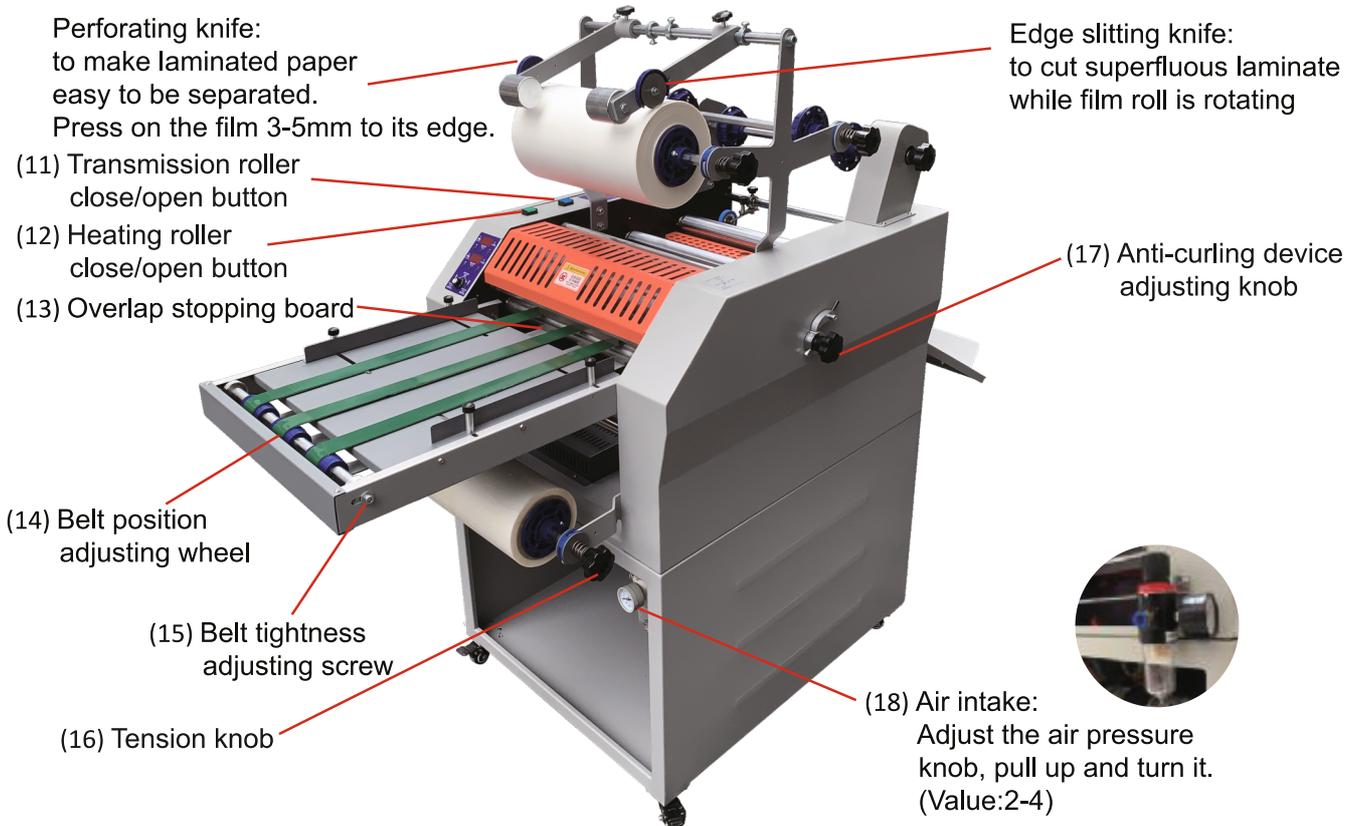
CAUTION: if the film gets wrapped around the roller, press (21) "STOP" immediately.
WARNING: do not use any cleaning solution to clean the roller because some solutions may burn on the hot roller. After the roller cools down, cut the film on the top and bottom, just in front of the stabilizer bars. Reverse the roller at a very low speed and allow the machine to back out the film that is wrapped around the rollers, pull the film off the roller. Clean the adhesive on the roller.

Description of Parts



- (1) Edge slitting & perforating knives
- (2) Upper heating roller
- (3) Paper feeding table
- (4) Air intake
- (5) Lower heating roller

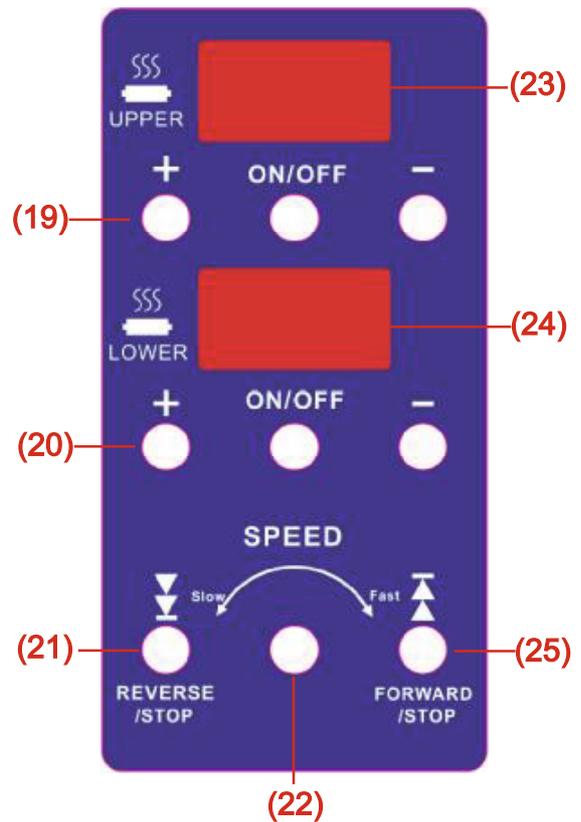
- (6) Anti-curling device
- (7) Paper eject roller
- (8) Paper receiving tray
- (9) Roller for separating paper
- (10) Transmission roller



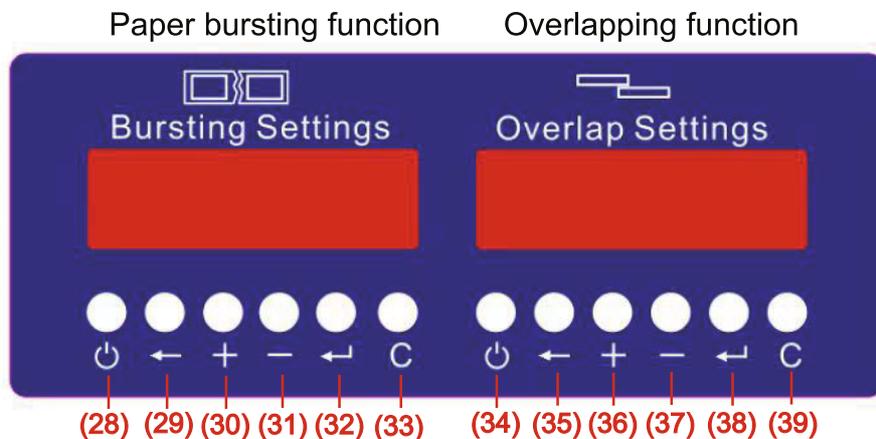
Description of Control Panel

1 Control panel of heating roller

- (19) Temperature settings for the upper roller
- (20) Temperature settings for the lower roller
- (21) Rollers runs reverse/stop
- (22) Running speed regulator
- (23) Temperature indicator for upper roller
- (24) Temperature indicator for lower roller
- (25) Rollers runs forward/stop



2 Paper bursting & overlapping function



- (28) ON/OFF this function
- (29) Shift bits
- (30) Press to adjust value
- (31) Press to adjust value
- (32) press once to set the length of the paper then press again to confirm
- (33) Hold for 3 seconds to reset to zero

- (34) ON/OFF this function
- (35) Shift bits
- (36) Press to adjust value
- (37) Press to adjust value
- (38) press once to set the length of the paper then press again to confirm
- (39) Hold for 3 seconds to reset to zero

Operation

1 Set the temperature and heat

Switch on the power.

Press "ON/OFF" and press "+/-" to set the temperature, usually between 60°C-75°C.

When heating up, 3 lights will be flashing.

There is a certain temperature difference among each machine.

The temperature should be adjusted according to the laminated material and laminating result.

2 Set position of side gauge and install air pump

Connect the air pump with Air intake on the machine and switch on the air pump. Place the paper to be laminated onto the Paper feeding table and align the gauge with left side of paper. Adjust the position of belts if necessary.

3 Load the film

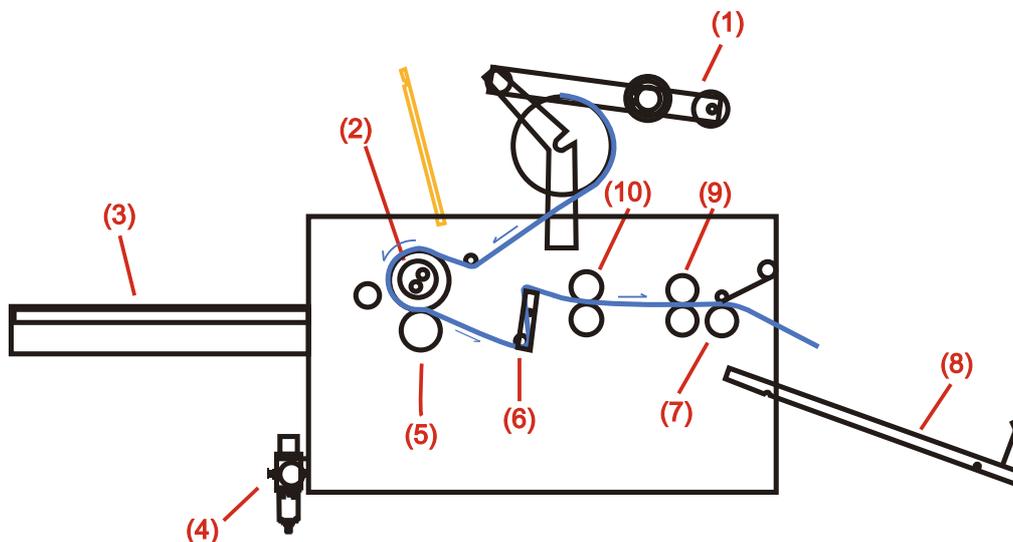
Warning: HIGH TEMPERATURE! Avoid and do not touch the heating roller and heating parts while the machine is hot or heating in order to avoid heat injury.

The film has to align with the paper on one side.

Tighten the screws on the Film Roll Shaft to avoid film roll moving while machine running.

To thread the film, please refer to the below illustration. When the film is heated up, the adhesive on the back of the film will melt. Stick a piece of paper to the film to help you thread the film.

When the film passes through (2) Heating roller and (5) Heating rubber roller, tighten the rollers by (12) Heating roller close/open button. Let the film go above the (6) Anti-curling device and pass the (10) Transmission roller and (9) Roller for separating paper. Tighten the rollers by (11) Transmission roller close/open button.



4 Set up the edge slitting and perforating knives

Move the (1) Edge slitting knife to the proper position to cut the extra film while machine is working. Adjust the cutting position of the Perforating knife, which should be on the film and has 3-5mm distance to the edge of the film. Tighten the screws on the knife shaft to fix the knives.

5 Set up paper bursting & overlapping length

Press (28) "⏻" to switch on paper bursting function. Press (32) "⏻" and use (30) "+", (31) "-", and (29) "←" to set up the paper length. Press "⏻" again to confirm the setting.

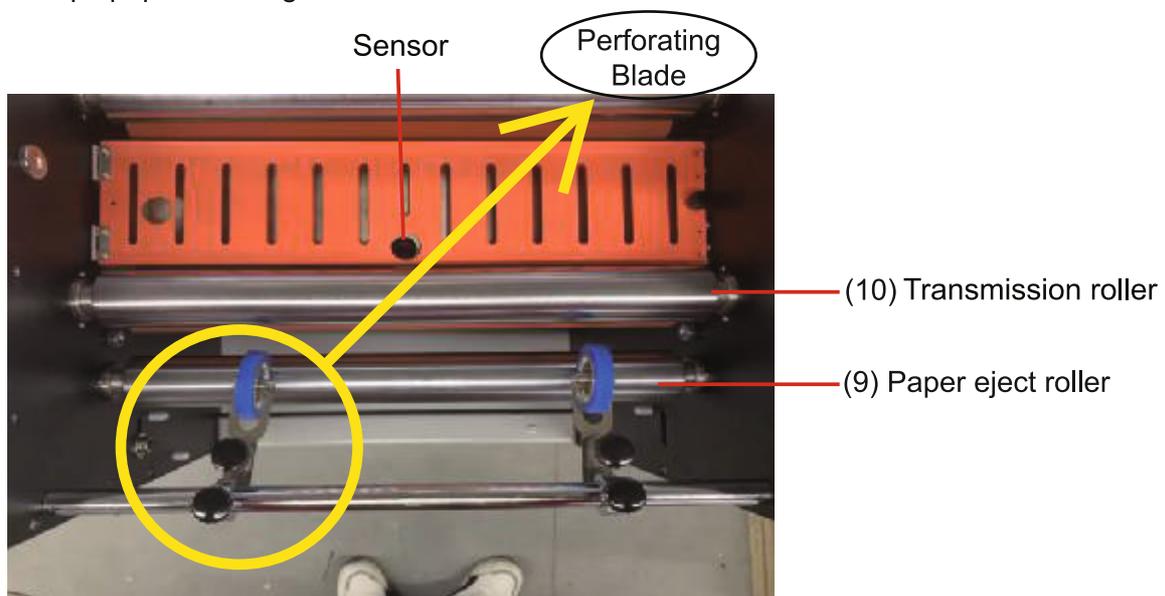
Press (34) "⏻" to switch on overlapping function. Press (38) "⏻" and use (36) "+", (37) "-", and (35) "←" to set up the overlapping distance. Press "⏻" to confirm the setting.

6 Start lamination

Put paper on the conveyor belt and press FORWARD. Adjust Paper overlap board if it is too low and blocks paper.

7 Set up paper bursting and overlapping function

Switch off Paper bursting and overlapping control panels. Run the machine and make the laminated paper edge stop before the sensor between transmission rubber roller and Roller for bursting paper. Cut off the rest of the laminated paper. Put one piece of paper against Paper overlap board and make sure it is blocking paper. Switch on Paper bursting and overlapping control panels and run the machine. Go to the paper exit, make the blue wheel diagonal to the perforating blade face the perforating blade, so the laminated paper will arch when it passes through the rollers, which helps paper bursting.



8 Test, examine the result, and adjust accordingly before you officially start.

1 Anti-curling device

For thinner paper, the anti-curling device should be set lower, whereas for thicker paper, it should be set higher. See the laminating result and adjust accordingly.

2 Knobs and edge slitting and perforating knives

Adjust these parts according to the paper quality and laminated result to enhance laminating smoothness.

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