

COVER Pro 1700

EQUIPMENT PARAMETERS

PRINTING MODE	SPEED
Maximum width	1630mm
Maximum lifting height	40mm
Maximum speed	45m/min
Silicone roller	150mm
Control	Smart touchscreen
Foot switch	Stop, lift, lower, accelerate, speed control
Maximum film diameter	136mm (with release liner) 180mm
Maximum material diameter	300mm
Maximum rewind diameter	300mm
Release liner diameter	250mm
Variable speed	yes
Smart stop	yes
Medium-speed stop	yes
Automatic cut	yes
Safety system	Infrared
Blade	4 blades
Temperature range	0°C-80°C
Heating	Infrared heating
Preheating time	0-20min
Lifting method	Electric
Motor type	Brushless DC servo motor
Servo motor power	750W
Input power for heating	≤2000W
Nominal input voltage	110 / 220 v
Net weight / Gross weight	323 kg / 366 kg
Size	2088* 560*1443mm

COVER Pro 1700

ELECTRIC LAMINATOR

- No pump needed.
- Servo motor.
- Intelligent pedal.



Cover Pro 1700 is developed and researched as high-end automatic laminating machine. This produce mainly work for normal cold laminating, low temperature laminating, automatic film laminating, auto-cut for edges and vertical cutting. Simple operation, intelligent and convenient, multi-purpose use.

To work with Cover Pro 1700 better, please read manual carefully to ensure operation correctly.

Note: All described functions and instructions on basis of actual equipment.

Equipment Installation:

1. Before opening, always ensure that the package is sealed with the original seals and that there is no external damage.
2. Check the items according to the packing list.
3. Ensure that the installation area is clean and level.
4. The equipment must not be placed in areas exposed to moisture, flammable, or toxic materials. Poor airflow can lead to unstable roller performance.
5. The wheels are only designed for short-distance movement.
6. This equipment operates on a single-phase 110/220V AC voltage with a 30A circuit breaker. Proper grounding is required for safety. Ensure that the power supply has sufficient capacity before plugging in.
7. Do not place heavy pressure on the feeding table, and keep it protected from damage.
8. Use cardboard and a wooden pallet between the forklift arms and the equipment to prevent damage. When moving the equipment, it must be held securely on both sides by personnel.

*Caution: This machine is heavy! Always prioritize safety when carrying or moving it.



Preparation:

1.Moving the machine to working area.

Caution: When carrying or moving, forklift should focus on the arrow sign. Do not lift the vulnerable parts like: shafts, bars and feeding table.



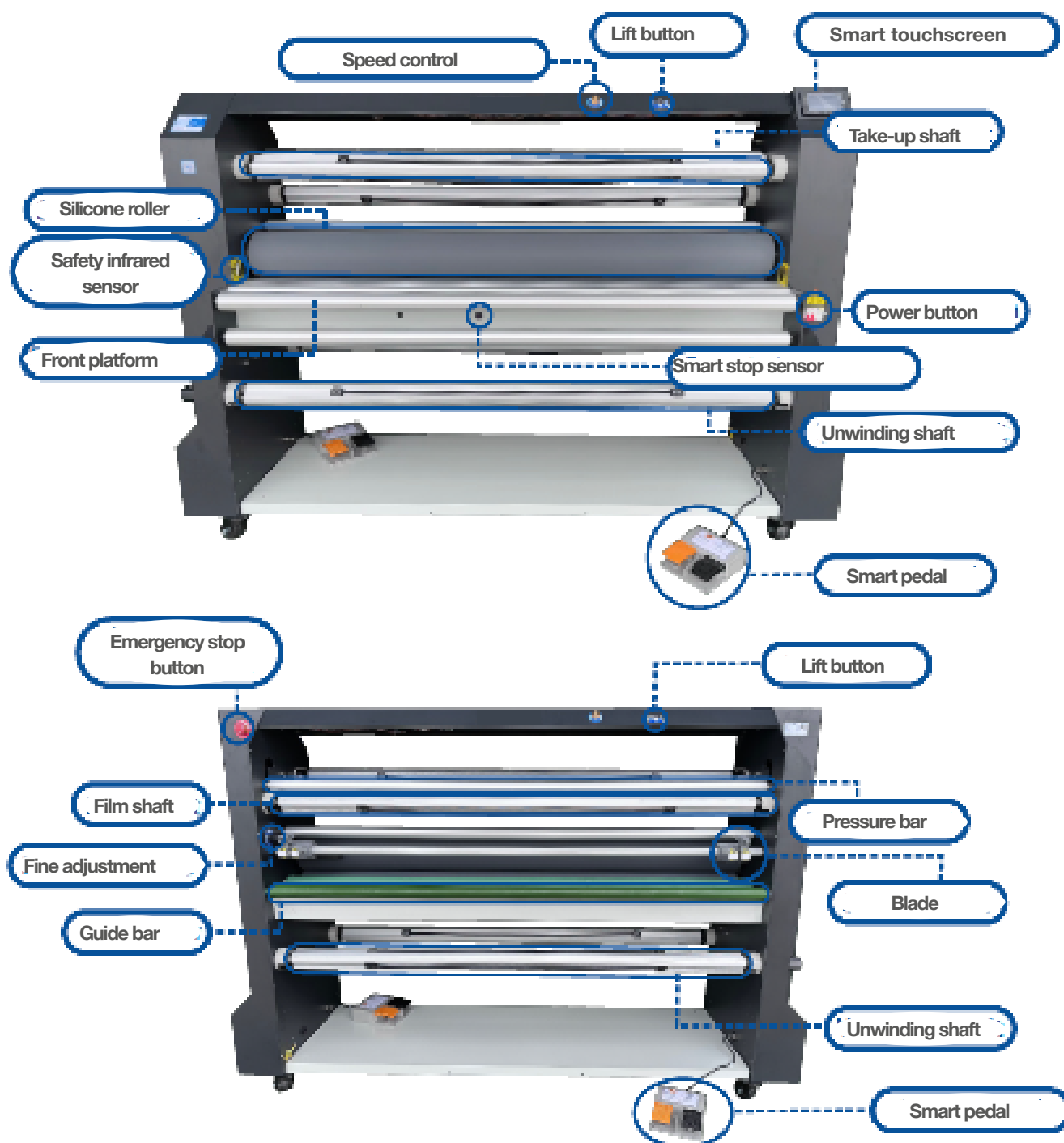
1. Smart touch screen, as shown below



2. Foot switch as shown below



Introduction to accessories:



Smart touch screen:



- 1.Port diagnosis
- 2.Heating control
- 3.Lighting control
- 4.Fixef-term operation
- 5.Operation control
- 6.Preferences
- 7.Multilingual settings
- 8.Version information
9. System setting

Key and display function instructions:

1. Touch screen start

When powered on, the touch screen displays the operation control interface. Click the upper right corner to enter the setting operation interface.

2. Port diagnosis

Please operate this function under the guidance of the technician.

3. Heating control

Press “Long press to turn on heating” to start heating, and click “Set temperature” to set the required temperature. After turning the heating, please drop the rubber roller, and make the roller run at a speed of 5 meters/min (otherwise, the warning will be triggered), so that the upper and lower rubber rollers are heated evenly, and the heating time is 20-30 minutes. (Warm tip: in addition to the heating material in winter, the general heating of the film only needs to be set at 20°C-25°C).

4. Lighting control

The light switch and brightness on the top of the machine can be adjusted.

5. Fixef-term operation (not available)

6. Operation control

Speed setting: Press “Set speed” behind the number can set the speed, the maximum set 37 meters/min.

In the stop state, press the button to enter the automatic start, the speed is automatically accelerated from 0 meters to the set speed, in the running state, press the button, the current speed is automatically slowed down to 0 meters.

Whenever you press the button, the speed decreases by 1 meter until the speed is 0. With each press of the button, the speed increases by 1 meter until the maximum speed is set.

(Tips: In the rotation process, the speed change will take effect immediately)

Running speed: real-time display of the current running speed of the machine.

Temperature setting: Press "Set temperature" to set the temperature. The maximum temperature is set at 80°C.

Direction switch: The direction switch intelligently switches in the stop state, every time the key is pressed, it will switch between forward and reverse.

7. Preferences

- This setting can be set according to the operator's habit. Click the button. When the button becomes this the function will be turned on. One minute later the system will automatically save the preferences.
- The left pedal cannot be raised: After turning on, the yellow pedal on the left side of the foot pedal will not be able to control the roller lifting under any circumstances.
- Anti-clip automatic rise: After turning on, when the anti-clip function plays a role the machine will automatically stop, and the roller will automatically rise to prevent damage to rollers and operators.
- Rotate and fall automatically: After turning on, when the rubber roll is raised and start the machine, the roller will be dropped firstly then accelerated.
- The paper rises automatically: After turning on, when the paper end sensor plays a role, the machine will stop running, and the roller automatically rises.
- Rotation allows rise and fall: After turning on, the roller can be controlled by foot or lifting button during the roller running.
- Stop and automatically rise: After turning on, when the machine stops running under any circumstances, the rubber roller will automatically rise.
- The lifting button is always off: After turning on, press the lift button the button light will be turned off after blinking. But when the roller is in the process of rising or falling, the button light will flicker.
- Disable the paper exhaustion: After turning on, the roller will not stop running when lamination job is over. Paper-end sensor will not work.
- Disable the anti-clip function: After turning on, the machine will not stop when there is a foreign body near the roller. Anti-pinch function will not work.
- Disable anti-pinch alarm: After turned on, on touch screen will not appear warning when the anti-pinch function is in effect.
- Disable temperature communication error alarm: After turning on, on touch screen will not display temperature communication error messages.
- Disable static heating alarm of rubber roller: After turning on, on touch screen will not prompt alarm when the rubber roller does not fall after turning on heating.

(Tips: Do not enable the disable function if not necessary)

8. Multilingual settings

The 15 languages in the system can be independently selected.

9. Version information (not available)

10. System Setting

Password is required to enter the system Settings. Please set the system parameters under the guidance of technicians. Do not modify the system parameters without permission.

Equipment Application Method:

1. Power Supply

The 15 languages in the system can be independently selected.

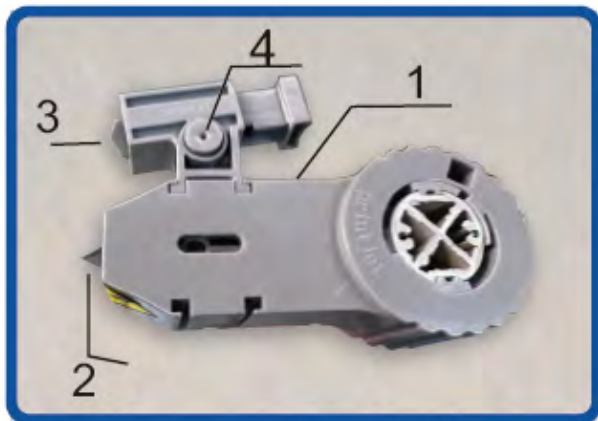
2. Double multi-functional foot Switch:

The yellow button can let roller up&down and stop running(hold it two seconds make machine stop running).The black one speed up running. Leave it while accelerating, the machine would laminating at the current speed. Keep press the machine, then the roller would speed up to Max (free hand of operation).

3. Emergency stops:

Pressing the emergency stops you can cut the power off under emergency situation. Spin emergency switch clockwise, the button will rise and machine will be powered on and restart.

4. Use trimmer:



***Trimmer Structure see in picture**

- (1). Cutter body
- (2). Blade
- (3). Pull the edges
- (4). Flick the edge back button

***Knife use:**

When in use, push the cutter to move left and right, turn the cutter clockwise down in the desired position, the blade will be exposed from the inside, when the main body of the cutter is vertical, the blade will cut into the picture. (Note: at the end of cutting, be sure to put the knife back in place, do not grasp the blade area to prevent scratches) as shown on the right



Equipment application method:

Edge use:

Press the edge plate, and you can secure it after it reaches the gear position. Press the edge return button, and the edge will retract.

(Tip: Please press the edge when using the knife.)

See the image on the right:



2. Multifunctional double foot switch:

6. Roller Lifting and Adjustment

The pressure and balance of the roller have been set to the appropriate level at the factory. Non-professionals should not attempt to adjust it casually.

Unwinding Shaft: Used to load the media.

Film Shaft: Used to load the film roll.

Take-up Shaft: Used to rewind the release liner.

Rewinding Shaft: Used to rewind the laminated print.

The ends of all four rollers are equipped with a resistance mechanism to adjust their rotational resistance.

Turning clockwise increases resistance; turning counterclockwise decreases resistance.



Self-locking shaft



7. Teflon Bar: There are two Teflon bars at the front and rear, made from a harder material that is less prone to deformation, non-stick, and scratch-resistant, giving them a longer service life.

The rear bar rotates in one direction only, making it more convenient to apply the film and reducing effort.

Lamination Instructions:

Since this is a complex task, we strongly recommend that beginners work alongside experienced operators. The general instructions are as follows:

Turn on the machine.

Press and hold the “Heating” key for 3 seconds; adjust the temperature as needed. The silicone roller will begin to heat up. The default setting for cold lamination is 25°C (it takes about 10–20 minutes to reach working temperature). Generally, it is not necessary to activate the heating mode for cold lamination.

Load the film onto the appropriate holders, ensuring the film is under tension.

Place the media on the front holder.

Press the lift button to raise the upper roller.

(Cold Lamination) Heating is not required for cold lamination. However, we recommend heating the upper roller to 35°C as a better option.

Stretch the film, guide it through the rollers, and load it onto the rewinding shaft.

Peel off the release liner from the lamination film at an appropriate position.

Attach the liner paper to the cardboard core using adhesive tape.

Note: After separation, the film must be wrinkle-free and should adhere firmly to the surface of the roller to keep it flat.

Adjust and spread the material on the feeding table, ensuring the white edge of the material is positioned between the roller edges and the front edge of the image, between the upper and lower rubber rollers.

Note: Align the material properly before feeding it through the roller.

Lower the roller.

Note: If the film is not tight, turn the damping wheel clockwise to increase friction and tension.

Note: The faster the roller rotates, the faster the heat will dissipate. Choose the appropriate film temperature and speed accordingly.