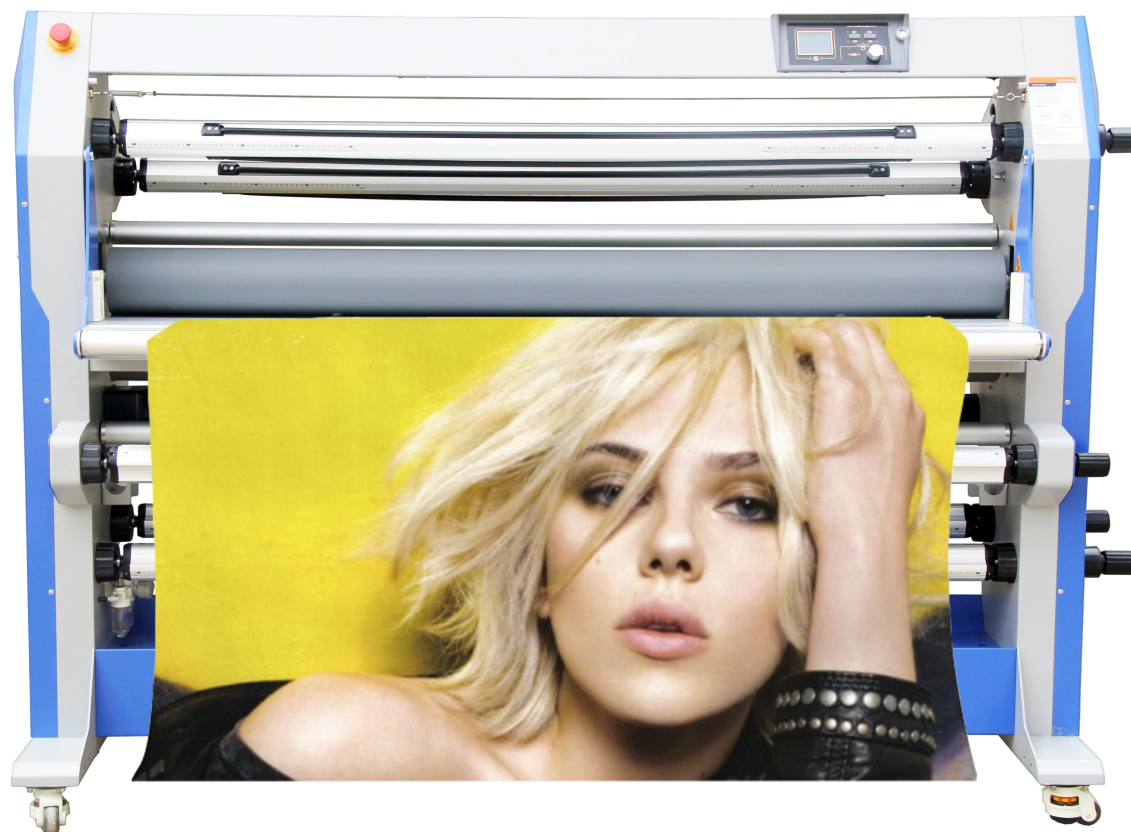


# PRO SERIES

## MF1700-F2



# 1. Information

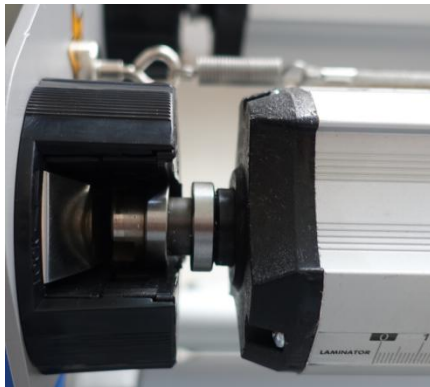
## 1.1 Description

This industrial laminator is perfect for most applications of sign and graphic. The Dual-heated rollers with max temperature of 120C offers the possibility not only for laminating but also for mounting and encapsulating up to 1630mm. Additionally its fully adjustable tungsten blades can cut most materials with a lifetime that over 15000m.

## 1.2 Specification

Max width	1630mm	Up and down	Pneumatic
Max thickness	28mm	Heating	Double Heated
Max speed	20m/min	Warm up time	15-20 min
Max temp	120°C	Roller type	Silicon
Volt	220v	Diameter of roller	130mm
N.W.	260kgs	Power	5200w
G.W.	366kgs	Dimension(LWH)	2260x800x1650mm

## 1.3 Unique functions



### Roll shaft

Patented new roll shaft can flip over when loading media.

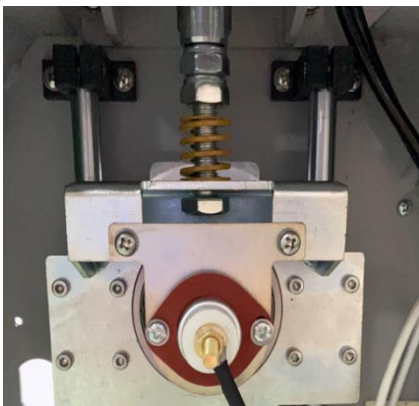
Also it provides possibility exchangeable with each other, with auto-locked.



### Adjustable trimmer

The tungsten safety blade can use over 20000m.

With the adjustable function, you can easily follow the cutting edges.



### Two rails lifting

Its two rails lifting track ensures more smooth and durable lifting.



### Rear speed controller

You may supervise the lamination starting by adjust the rear speed controller.

Active ON/AC button before use.



### Anti-static string

Anti-static string can eliminate most static during fast lamination.



### Tension grip


Its tension grip can be easily adjust to provide proper tension according to different medias.



### Media tension

You can adjust the tension screw to generate extra tension for prints, keep the media in flat.

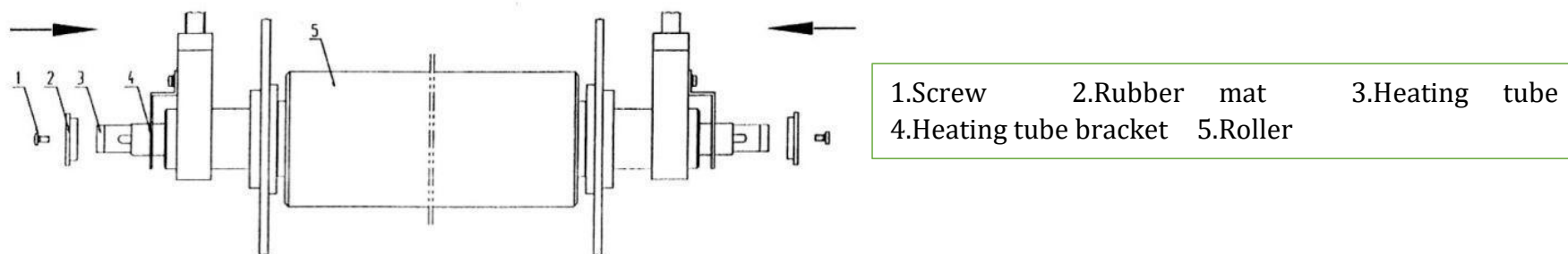
## 1.4 Packing list

Machine Components					Accessories Carton				
Item	Picture	Details	Quantity	Remark	Item	Picture	Details	Quantity	Remark
1		Body	1 unit		1		Stand screw	1 bag	
2		Roll	6 pcs		2		Fuse	2 pcs	
3		Compressor	1 unit		3		Terylene mat	2 pcs	
4		Foot Pedal	1 pc		4		Ceramic pipe	6 sets	
5		Heater	3 pcs	Fragile	5		Wrench	1 set	
6		Oil-water separator	1 pc		6		Cutter	1 pc	
					7		Roll clip	1 set	

## 2.Installation

### 2.1 Heater *(Caution: Please shut down the power before installation).*

Step1: Put heater into roller(open left and right covers)



Photos:



1. Open left and right covers.



2. Remove screw and rubber mat from bracket.



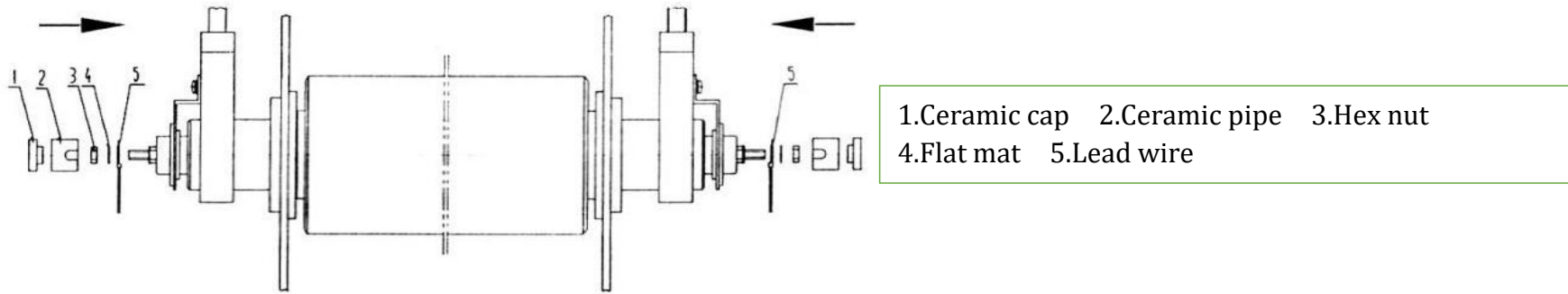
3. Put heater into upper roller.



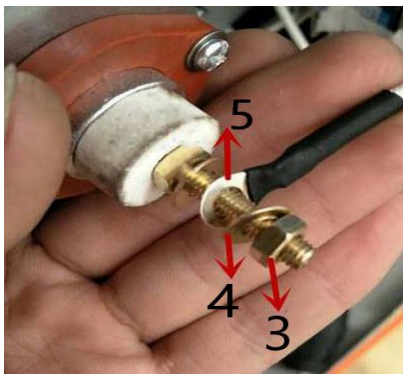
4. Install rubber mat and screw it.



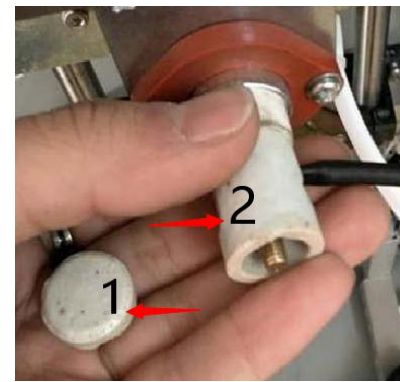
Step2: Lead wire



Photos:






1. Install lead wire, flat mat and hex nut as pic.



2. Install ceramic cap and ceramic pipe.



## 2.4 Compressor

		
<p>Step 1</p>	<p>Step 2</p>	<p>Step 3</p>
<p>Install compressor as the pic.</p>	<p>Connect air tube to oil-water separator.</p>	<p>Press "Red" button to operate.</p>



## 2. Operation

### 2.1 Panel

1. Press speed button 3 seconds to active Heat ON/OFF
2. Turn right to select Heat ON or OFF, press again to confirm
3. (Heat ON) Press button to select “Set Temp”, rotate to adjust degrees, press again to confirm the setting
4. “▶” runs continuously
5. “◻” Stop running; Foot Pedal can control roller moves
6. “⌂” Only Foot Pedal can control roller moves
7. Long pressing “▶/◻” to show 30 days lamination statistics
8. Long pressing “⌂/⌂” to adjust settings
9. You can press rear button to run or stop
10. Over 2 mins no operate, machine will auto stop if button speed is “0”



## 2.2 Lamination



**Power on**



**Heat ON/OFF**



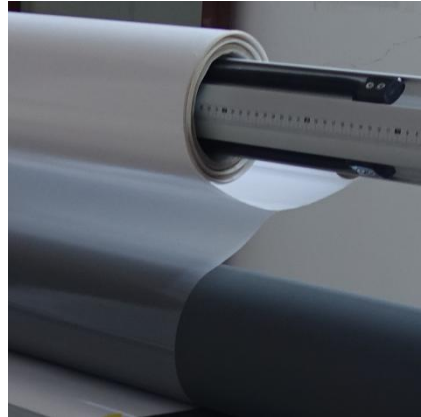
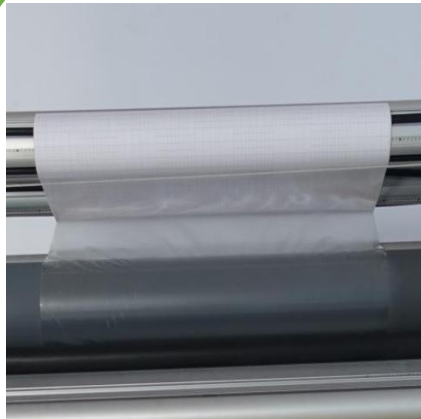
**Loading film and prints.**

Put 3 inch cores on liner and finish roll.

After heated up, stop the machine.



**Lifting up roller**



### **Method A - Feeding film**

Peel off film and pull it through the rollers until stick on the finish roll. (A)

*During this step, please keep the film tight.*



### **Method A - Feeding prints**

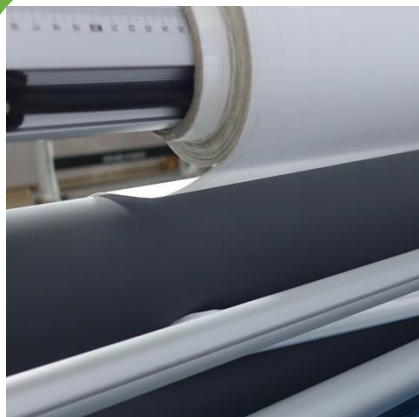
Feed prints slowly with tension through the top roller.



### **Method A - Running**

Lift down roller by air knob;

Slowly running the machine or use foot pedal.



### **Method B - Feeding film**

Pull film with liner through the rollers. (B)

*During this step, please keep the film tight.*



### **Method B - Feeding prints**

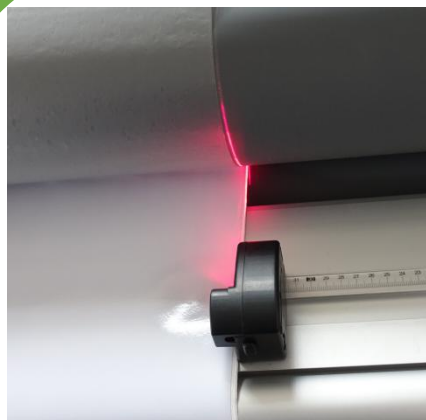
Feed prints under upper roller.



### **Method B - Peel off film liner**

Use our safety knife to peel off the film liner, and stick the liner onto the liner roll.

Then lift down roller and slowly running the machine or use foot pedal.



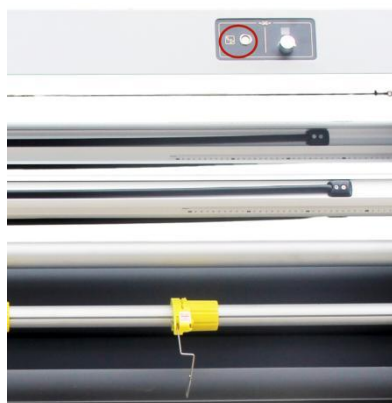
### Alignment

Keep film and media alignment.

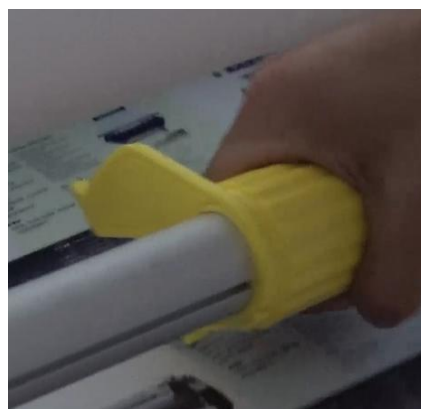


### Notice

When the lamination starting, please be careful the if the over sized film may stick onto roller.



Lift up cutting bar.



Locked the cutter holder.



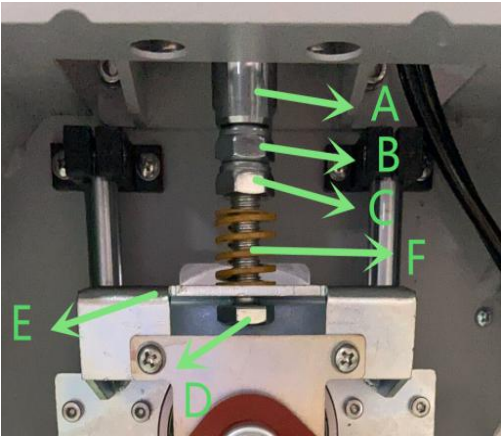
Cutter adjuster.

### Cutter

If needed, you can active the cutters to trimming the edges or separate two different pictures. The cutters can be slightly adjust the distance.

## 4. Trouble shooting

### 4.1 Check roller balance

Roller balance		<ul style="list-style-type: none"><li>➤ Firstly, please make sure the roller pressure is in neutral condition(Lift down the top roller to check the gap between Spring F and Screw C, under neutral state, there should be 1-2mm same gap between F and C of both sides).</li><li>➤ If the gap of both sides are not the same, please use wrench to hold Bolt D, then adjust Screw C to make sure the gap of both sides are same.</li></ul>
Pressure increase	<p>Most of materials could be laminated with the roller self-weight for good finishing. If for some special (thick) materials need more pressure, please go on the following steps:</p> <ul style="list-style-type: none"><li>➤ Step1. Make ensure the roller is balance;</li><li>➤ Step2. Lift down top roller;</li><li>➤ Step3. Using wrench to hold Bolt D, then adjust Screw C downward for more pressure.</li></ul>	



## 4.2 Trouble shooting

Trouble	Defective parts	Incorrect operation
Roller can't lift up and down	Air cylinder Air Compressor Roller stuck in lifting track Lifting knob or button	Reset emergency button Air inlet speed of both cylinder
Control Panel don't light	Fuse tube Power supply	Press "SET" 3 seconds Reset emergency button
Abnormal speed	Motor Fuse tube Speed button Speed controller Central controller Laser sensor Chains (Motor shaft)	Laser sensor blocked Reset emergency button Active speed button in Front or Rear

<p>Temperature issue</p>	<p>Heater Fuse tube Solid relay Temp sensor</p>	<p>Real temp higher than Set temp Adjust Temperature correction</p>
<p>Bubbles</p>	<p>Roller broken</p>	<p>Rollers balance Increase roller pressure More roll shaft tension Higher temperature Slow down speed More tension in Prints Prints not dry enough</p>
<p>Folds</p>	<p>Roller broken</p>	<p>Roller balance Align Prints and Film Tension in Prints / Tension in Film Roll shafts tension Prints not dry enough</p>

## 5. Notice

- Slowly running the machine when heated.
- Lift up roller after finish the lamination.
- Keep rollers clear.
- Do not scratch the rollers.
- Lubricate the gears and chains.
- Friction mats should be checked and replaced regularly.

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