

# FLATBED SERIES

## MF-B4



## I . INFORMATION

### I . I DESCRIPTION

New flatbed applicator series is the fully equipped multipurpose machine that gives you access to the superior production method provided.

It's unique tilted table can reduce the shipping cost and more easier to entry the door. Fast assembling and easy operating.

### I . 2 SPECIFICATION

Model	MF1325-B4 MF1630-B4	Work size	1300x2500mm 1600x3000mm
Max thickness	50mm	Heating type	Cold
Roller type	Silicon	Diameter of roller	130mm
Up and down	Pneumatic	LED light	Yes
Safety glass	Yes	Side trays	No
Volt	110/220v	Power	600w

## 1.3 UNIQUE FUNCTIONS



### Unique tilted table

Tilted table for easier entrance;  
Saving transport cost and space.



### Upgraded moving grip

Easier to move.















### Media supporter

More convenient to operate.



### Strong structure

## I .4 PACKING LIST

Machine Components					Accessories Carton				
Item	Picture	Details	Quantity	Remark	Item	Picture	Details	Quantity	Remark
1		Body	1 unit		1		Screw	1 bag	
2		Gantry	1 set		2		Terylene mat	2 pcs	
3		Gantry bar	1 pc		3		Nylon wheel	2 pcs	Slider
4		Compressor	1 unit		4		Wrench	1 set	
5		Media supporter	1 unit		5		Trimmer	1 pc	
6		Media supporter bar	2 pcs	1 pc fixed on body; 1 pc inside package	6		Roll clip	2 sets	

## 2. INSTALLATION

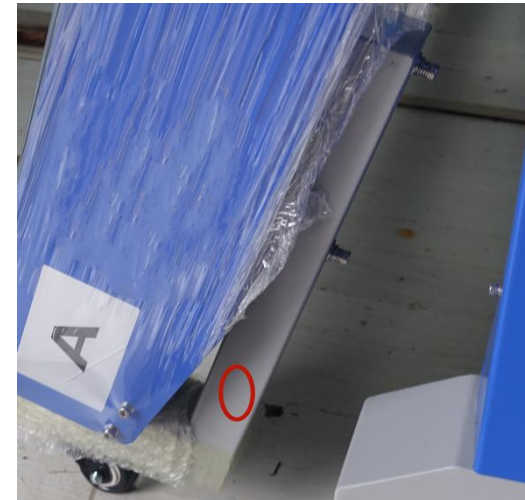
### 2.1 PUT TABLE DOWN



1. Remove the supporting bar both sides.



2. Put table down, then fix it by the screw of the supporting bar

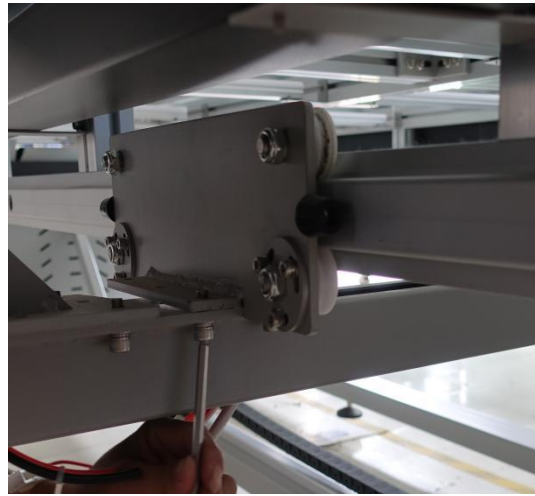


3. Remove the moving stands of both sides.

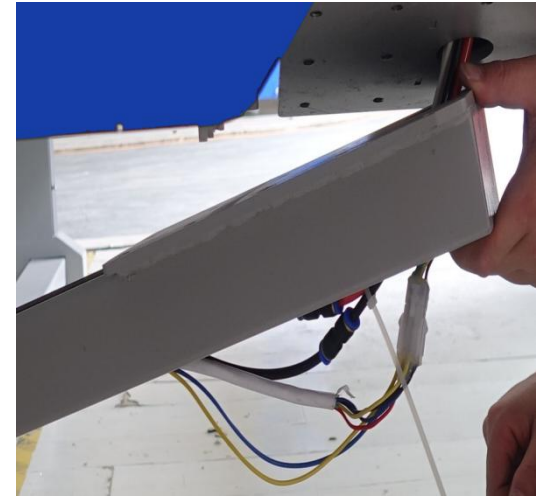
## 2.2 ASSEMBLE GANTRY AND CONNECT WIRES



1. Put gantry on table, open covers of gantry.



2. Fix gantry and sliders on the gantry bar.



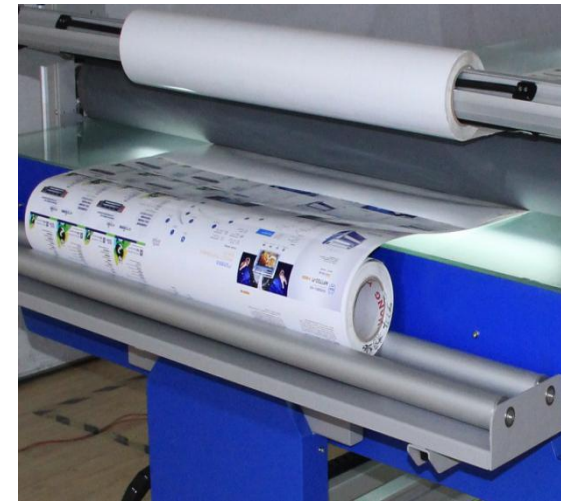
3. Connect wires from gantry bar to interior gantry.



## 2.3 INSTALL MEDIA SUPPORTER






1. Move two short bars vertically.



2. Put the media supporter on.

## 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>



### 3. OPERATION

#### 3.1 VINYL



1. Align film to vinyl.



2. Peel off film and put liner under roller.



3 Pull the film liner.

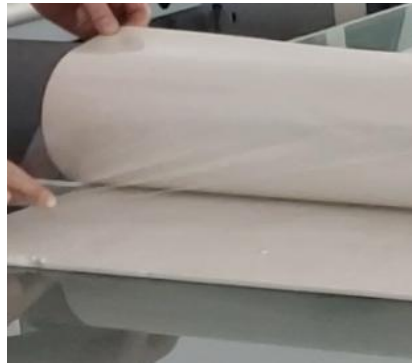


4 Moving the gantry to laminate.

### 3.2 SHEET



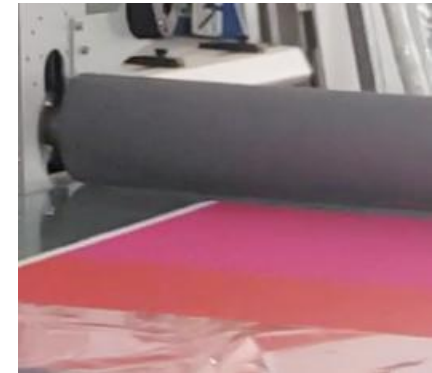
1. Align film to sheet.



2. Peel off film and put liner under roller.




3 Pull the film liner.



4 Moving the gantry to laminate.

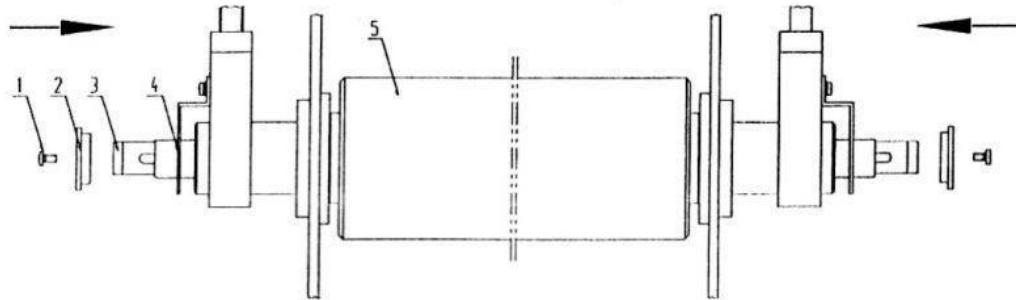
## 4. TROUBLE SHOOTING

### 4.1 CHECK ROLLER BALANCE

Roller balance		<ul style="list-style-type: none"> <li>➤ Open right and left covers.</li> <li>➤ Check and make sure left and right springs are same length.</li> </ul>
Pressure increase	<p>If materials need more pressure when laminating, please add extra pressure:</p> <ul style="list-style-type: none"> <li>➤ Lift down the roller.</li> <li>➤ Use wrench to hold bolt, adjust both sides spring downwards.</li> </ul> <p>Both sides are same, please make sure the springs in both side with same length.</p>	

## 4.2 HEATING TUBE INSTALLATION

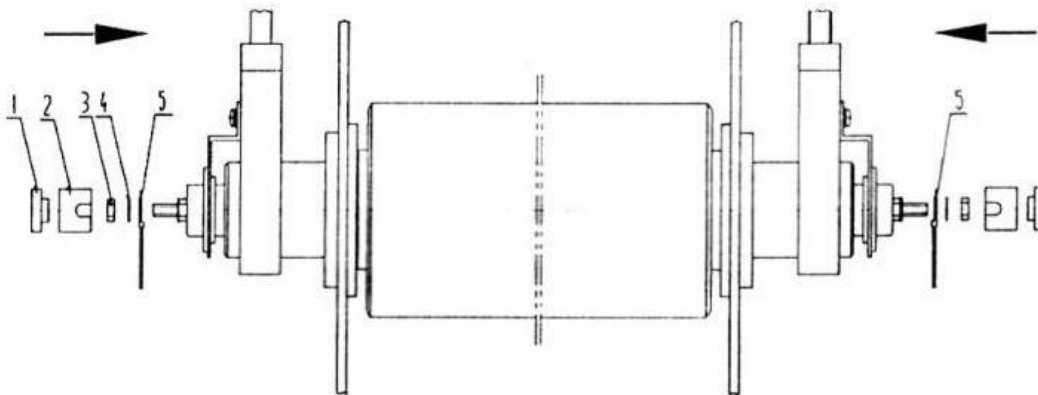
*Caution: Please shut down the power before Heating tube installation.*



1.Screw 2.Rubber mat 3.Heating tube 4.Heating tube bracket 5.Roller

### Step 1: Heating tube installation(See above)

1. Open left and right case cover.
2. Remove the rubber mat from the bracket.
3. Put the Heating tube through the roller,put the rubber mat on the Heating tube,then use the screw to fix the Heating tube on the bracket.

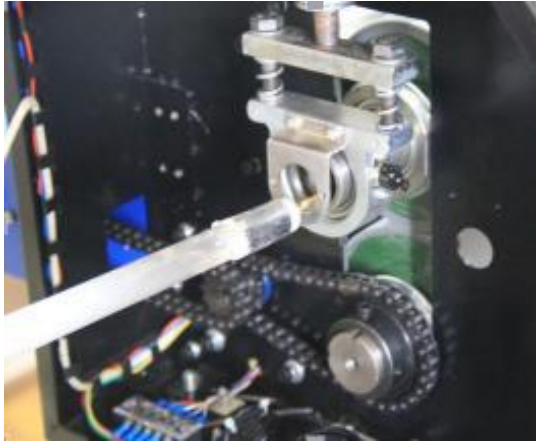


1.Ceramic cap 2.Ceramic pipe 3.Hex nut 4.Flat mat 5.Lead wire

### Step 2: Lead wire installation

1. Put the heater into the upper roller
2. Install the rubber blanket
3. Fix the screws.

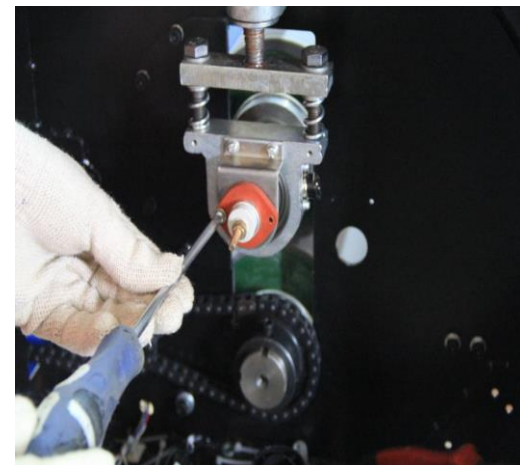
1. Put the heater into the upper roller



2. Install the rubber blanket

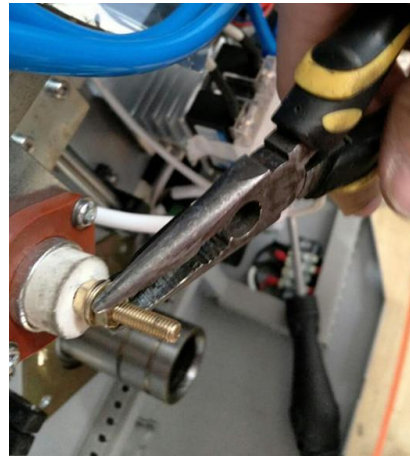


3. Fix the screws.

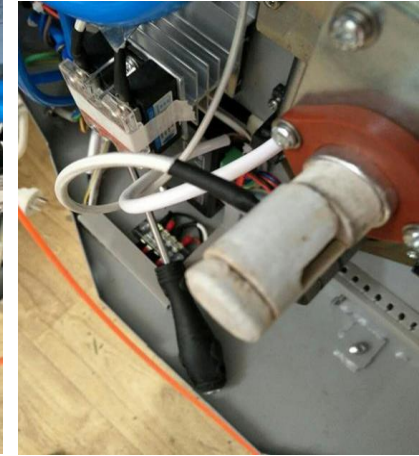




4. Install the parts in order, then tighten the screw



5. Install the white insulated glass





### 4.3 TROUBLE SHOOTING

Trouble	Defective parts	Incorrect operation
Roller can't lift up and down	Air cylinder Air compressor Roller stuck in lifting track Lifting button	Air inlet speed of both cylinder
Folds	Roller broken	Roller balance Align Prints and Film Prints not dry enough
Bubbles	Roller broken	Rollers balance Increase roller pressure Prints not dry enough

## 5. NOTICE

- Lift up roller after finish the lamination.
- Keep rollers clear.
- Do not scratch the rollers.
- Lubricate the gears and chains.
- Friction mat should be checked and replaced regularly.

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