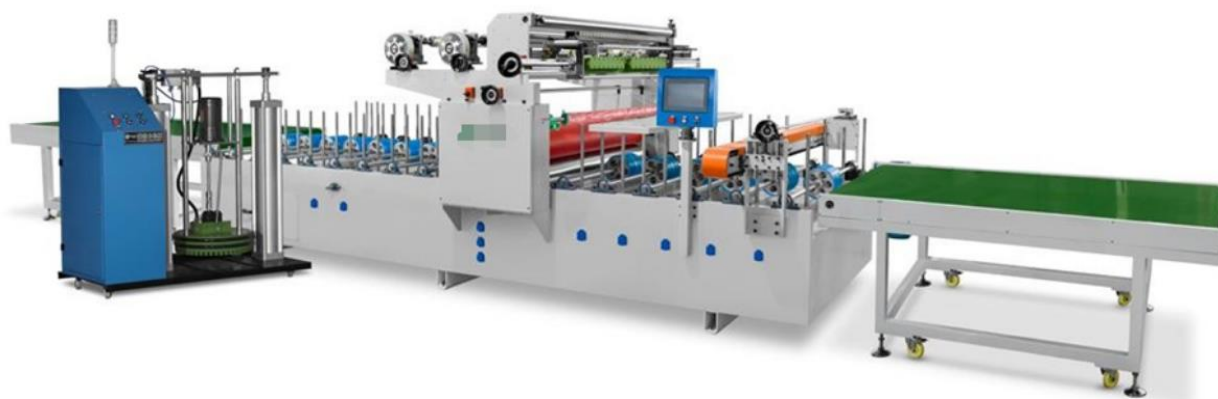
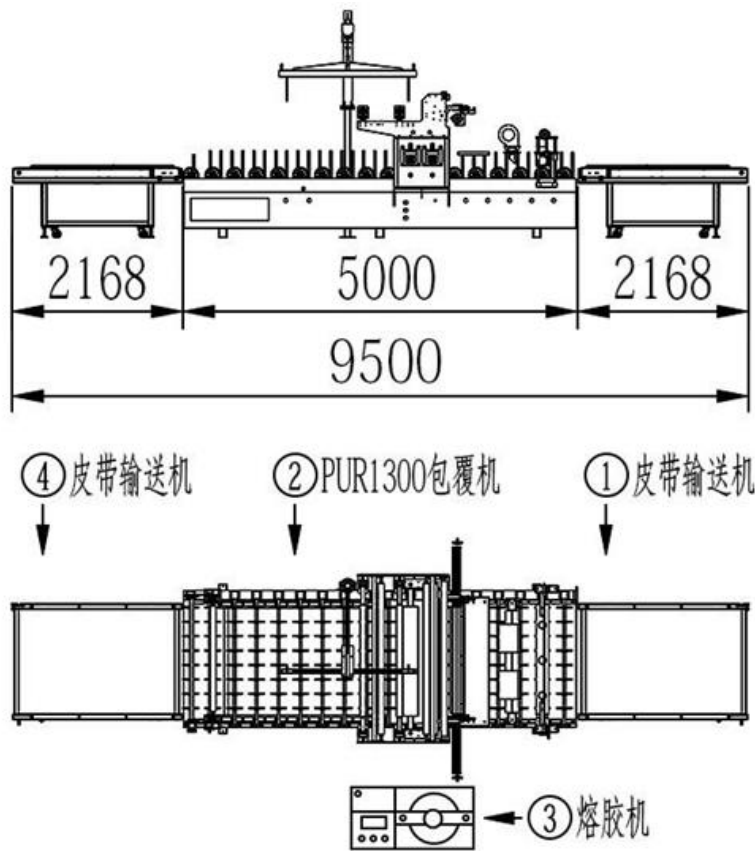




## Specification

技术参数/Technical Specification		
最大加工板宽	Width of panel	1300mm
最大加工板厚	Thickness of panel	50mm
最小加工长度	Processing length	600mm
工作速度	Feeding speed	1-25m/min
功率	Total power	25kw
外形尺寸	Overall dimensions	9500*2285*2900mm
最大卷材直径	Roll film diameter	400mm





## JZ-001 55 Conveying rows



Technical parameters

Conveying: 0.25KW

Size: 2000\*1635\*935mm

Transmission motor: Conveyor table has large conveying capacity, simple structure, easy maintenance, stable conveying, no relative motion between material and conveyor belt, which can avoid damage to conveyed materials.



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### JZ-002 Flat Laminating and Wrapping Machine

				
	Size.	5300*2285*2900mm		
	Pressure rollers.	Rubber rollers ø200 O.D., 2 pcs		
	Lower Roller.	Iron rollers ø 200 OD, chrome plated, 2 pcs		
	Transmission motor.	2.2KW		
	Dedusting motor.	0.75KW		
	Film guide rollers.	5 sticks		
	Magnetic Particle Brake.	2 x DC24V/2.15A		
	Working speed	1-25m/min		

#### List of main accessories.

Reduction gears	Zimmer
Inverter Controller	INVISION/DADA
PLC	Yonghong
Touchscreen	Delta
Cylinders	Sheng Jiang
Guide rails	Shangyin

#### Description.

Adopting PLC control, it applies glue to the film material and carries out the functions of dusting, heating, and laminating and wrapping for the sheet.



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**JZ-003 55 gallon melter**

	<b>Specification</b>	
	size	55 galon
	Max. pump glue capacity.	69.0kg/h
	Number of glue hose	1-2 hoses
	demension	1660*750*2000mm
	weight.	360kg
	Main power	14.8-32KW
	<b>Working voltage</b>	AC380 50/60HZ
	Working speed	1-30m/min
	Air pressure	8.0KG/CM2
Motor running	1-58r/min	



	speed	
	PLC	YONGHONG
	Contactora	DELIXI ELECTRIC
	Frequency	Invert/taida
	Motor	JIANGSHENG

Introduction to sol-gel systems.

This machine is a kind of machine which can melt the solid hot melt adhesive, and through the pressurized device, the melted adhesive will become liquid and transported to the gluing device to coat the substrate. The machine is equipped with a temperature control system

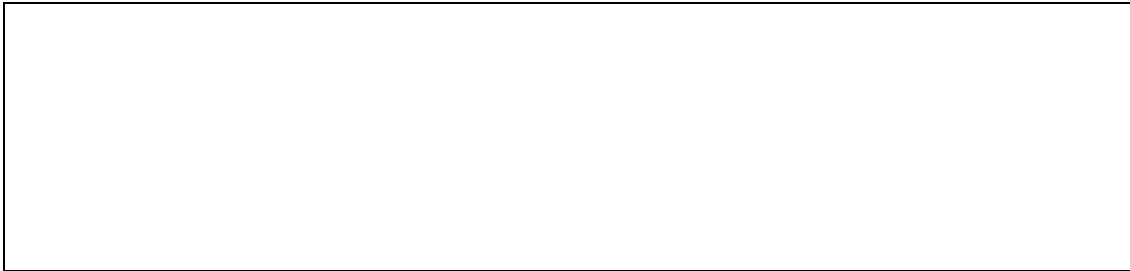
It is an electromechanical equipment integrating heating control, pressurizing function, liquid transportation and extrusion coating function.

**Features:**The 55 Gallon Solvent Melting System consists of three parts: the main unit, the hose, and the manual/automatic glue gun. It is equipped with alarms for upper and lower temperature limits, glue level detection, and frequency converter abnormality. It is suitable for all kinds of forms and shapes of hot melts with viscosities ranging from 1,000 to 200,000, and can be operated manually, semi-automatically, and fully automatically. The machine is divided into two parts: the electric control system and the glue dispensing system. It can also be used for melting and gluing of PUR adhesives.

**Equipment Benefits.**

- ◆ Aluminum alloy precision casting, CNC precision machining, the outer surface of the heating plate by deep infiltration sintering treatment, with the characteristics of non-stick glue, the glue is very easy to remove, can effectively prevent the glue carbonization, to ensure that the glue is the best, to reduce the plugging of the glue delivery system;
- ◆ The heating plate is made of aluminum alloy, CNC precision machining, deep infiltration sintering treatment.
- ◆ Stepless variable speed regulation of glue output; precision gear pump operation, the control motor adopts stepless frequency converter frequency conversion speed regulation, can accurately control the glue output.
- ◆ Intelligent protection of main motor operation: when the temperature of the heating plate does not reach the lower limit temperature, the main motor can not run, which strengthens the protection of the equipment.
- ◆ Adopt green, yellow, red three-color glue volume indicator, with electronic alarm system, timely and accurately let you know the amount of PUR in the barrel of the remaining glue, and the barrel of PUR hot melt adhesive run out, there is a separate tip system.





**JZ-004 Conveying rows**

	<p>Technical ParametersConveying:.</p> <p>Transmission motor: Conveyor table has large conveying capacity, simple structure, easy maintenance, stable conveying, no relative motion between material and conveyor belt, which can avoid damage to conveyed materials.</p>
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**Gluing system .**

	<p>The list of configurations</p>		
	<p>Scraper</p>	<p>1 set</p>	
<p>Holder/Scraper</p>		<p>guides/sliders</p>	<p>1 set</p>
<p>Reduction gears</p>	<p>1 set</p>	<p>oil and water</p>	<p>1 set</p>
<p>filters</p>		<p>Solenoid Valve</p>	<p>2 sets of AIRTAC</p>
<p>Regulators</p>	<p>1 set</p>		
<p>Technical</p>		<p>Squeegee system.</p>	



parameters		It consists of scraper holder, scraper (made of Japanese mold material), precision sliding guide, precision slider, precision screw, oil and water filter, solenoid valve, regulator and reducer.
Maximum gluing width.		
Width adjustment	Fast bi-directional adjustment of the gluing width	
width display	Digital display	
Bracket Adjustment	Adjustable +/-15 degrees of rotation	

**Gluing system.**

It consists of side plate, automatic air expansion shaft, film guide roller, film pressure roller, air cylinder, speed reducer, precision sliding guide, precision slider, precision screw, scraper system, push button to open

Off start box, hole type magnetic powder brake, small motor, handle adjustment device composition.

**Principle of operation:** The rolls of laminating materials are mounted on the air-expanding shaft of the automatic device, and the gluing and scraping processes are completed through the synchronized operation of the gluing device, feeding system, scraping system and automatic electronically controlled gear pump gluing device, etc. The process of gluing and scraping is completed.

**Features:** When the speed of wrapping production is changing, the glue supply can be precisely controlled, and the glue can be evenly applied, no pile of glue, no blistering, and the glue saving effect is good, which ensures the efficiency of high-speed surface laminating processing. Equipped with a crane, easy to change the rolled film, reel diameter 75mm, maximum roll diameter 400mm.

**Scope of Application.**

1. Applicable substrates: suitable for aluminum honeycomb board, density board, wood-plastic board, aluminum, iron, PVC board, glass fiber board, calcium silicate board and other substrate surface laminating.
2. Applicable surface materials: suitable for wood veneer, PVC, PE, PET, PETG, decorative paint paper, CPL, aluminum foil and other materials processed into rolls of film material wrapped to the substrate.
3. Applicable industries: applicable to building materials, furniture, desktop, hotels, restaurants, offices, families, garden villa decoration, etc.;
4. Organizational structure: This product consists of the host, hot melt adhesive system, paper support system, gluing system, scraping system, glue tube, feeding system, molding system, receiving system, wrapping and electrical and



other components of a set.

### Main features of the wrap-around mainframe.

1. The whole is welded by the national standard square steel and steel plate, after aging treatment gantry milling overall processing, high precision, the surface of the body by sandblasting rust treatment.
2. Transmission mode: motor reducer drive, driven by the motor reducer drive shaft, through the transmission wheel for transmission (equipment contains 15 drive shafts, including each drive shaft with 8 drive wheels; film guide steel rollers 5 a group of a total of 1 group; silicone rollers  $\varnothing$  200 OD and iron rollers  $\varnothing$  200 OD each of 3).
3. Heating mode: infrared heating cover, heating speed faster.
4. Control mode: Schneider touch screen control, easy to understand the operation, placed in the wrapping host, debugging more convenient.
5. Pneumatic device: the pneumatic shaft is threaded into the paper tube of the prepared PVC film and then inflated so that the PVC film is fixed to the pneumatic shaft and thus to the equipment by means of a crane, magnetic powder brake.
6. Silicone roller lifting mode: through the shaking hand and then adjust the silicone roller up and down.

### Principle of operation

Firstly, start the melting system, wait for the touch screen man-machine interface operating system to set up the display between 120°C-140°C, place the specifications of the workpieces respectively on the feeding system, the air expansion axis and then start the machine, then the gluing system and the feeding system will run synchronously through the gluing system, the feeding system, the gluing system, the molding system, the finished product (the protective film subsidy system), the material collection system. (This wrapping machine can adjust the speed of wrapping according to the need of production.)

### other accessories



#### Dust Collector.

It is used to clean the dust on the surface of the plate, and adopts the belt brush to remove the dust, which is brought by the speed reducer  
The brush can be hand-supported to realize the rise and fall of the brush; it is not easy to fall off, and the bristles are compact and easy to clean





Hair dryer.

Two 370W blowers are included to remove dust from corners that cannot be cleaned by the roller brushes.

Dryer.

Heated by six 1.5KW infrared heating tubes, high thermal efficiency, power density

Large, rapid heating, power saving, long life, and equipped with a regulator, you can freely adjust the desired temperature.

### Commissioning method.

1. Pressure wheel selection: according to the shape of the substrate to choose the appropriate pressure wheel.
2. When installing the pressure wheel: according to the principle of "press up and down, push left and right, horizontal and vertical," point of contact.
3. When installing the pressure wheel on the surface of the substrate: it should be wrapped from the center to both sides, and the pressure wheel can be tilted backward by  $5^{\circ}$ - $10^{\circ}$ , so that the pressure wheel can form a pulling force to both sides, and the surface of the substrate can be wrapped more perfectly without removing marks.
4. When installing the press wheel on the bottom surface of the substrate: the press wheel can be deflected backward by  $5^{\circ}$ - $10^{\circ}$ , so that the press wheel can form a pulling force inward, which can make the surface of the substrate more perfect wrapping.
5. For sharp corners and grooves on the surface of the substrate, please use iron or plastic wheels with strong material hardness.
6. According to the surface shape of the substrate, the texture of the coating material, the thickness of the appropriate amount of pressure to adjust the pressure of the pressure wheel, the plane or the substrate is soft pressure is small, and vice versa is large, generally for ( 5Kg-10Kg ) °
7. After the installation of the pressure wheel is completed, the wrapping film will be installed symmetrically according to the position of the substrate, (the film must be larger than the actual wrapping width of 5-10mm).
8. Heat gun installation: PUR substrate preheating temperature of 28-35 °C, according to the weather conditions of the appropriate addition of the gun; substrate sharp corners, straight groove, wrapped edges should also be added to the gun, according to the situation of the PVC film to adjust the temperature of the gun.



## Methods of operation

1. Power on: Click on the melt control to set the temperature, the glue drum, hose, glue gun set to (120-140 °C), according to the degree of heat resistance of the PVC film to adjust.
2. glue: ① open the barrel to check whether the barrel tinfoil bag leakage, damage and other phenomena, such as no sealing tape around the good; ② the platen on the black sealing ring evenly coated with high-temperature butter (200 °C or more). The effect of grease is to make the barrel in and out of convenient, protective sealing ring; ③ the barrel and platen position on the good, the lift switch to the direction of the drop, and then slowly click the button down, when the platen completely into the barrel can be pressed until the touch screen up and down cylinders run into a green flash; ④ put the barrel of rubber in the air: the rubber pump module at the stainless steel rod (when the barrel and platen in the symmetrical position of twisting the release, up and down) Cylinder, normal 1-2min after a small amount of glue will flow out, flow out after twisting).
3. Discharge: ① when the measured value of the temperature and set the value of the temperature difference of a few degrees, click the film width, set the width of the film, the melt glue machine is generally set to apply glue 1.0g, inflation time of 0.5s, set the amount of glue per square 20-35g, according to the thickness of the film, heat resistance can be adjusted according to the production of the size of the appropriate; ② the cutter shook open with the width of the film, or less than the same or 1-2mm. click on the wrapper to control melting Click the wrapping machine to control the melting frequency, the glue valve is opened at the same time to discharge the glue (the glue should flow smoothly like a waterfall, no bubbles, no blockage, when there is a blockage can be used to plug the ruler or a piece of copper into the mouth of the knife to scrape, smooth before production).
4. To the knife edge: the wrapping film according to the position of the profile symmetry after walking a section, quickly click on the rubber valve open, rubber valve off, see the knife edge shaking open at the glue, the touch screen below the front / back switch to the front and then hit the back to see the glue edge and the symmetry of the PUR film, such as a small error can be adjusted to adjust the knife edge of the left and right buttons to the symmetry of the film after the fixing of the guide film stick on the position of the PVC (each time to the knife edge of the PVC film to open a little bit ahead of the PVC film, the PVC film slitting to be neat, pull tightly). The PVC film should be cut neatly and tightly.)
5. test machine: the digital brake adjusted generally (0.20-0.35) according to the tightness of the PVC, thickness, width adjustment, adjust the speed of the main motor (PUR adhesive has a certain open time, the best speed is not less than 25m/min), the amount of glue (20-35g), according to the width of the film, the depth of the degree of adjustment, the start-up of the production of one or two to see if there is a problem! The normal phenomenon of PUR machine production is no bubbles, no rebound. If there are bubbles, the wheel is not adjusted properly or the substrate PVC water; if there is a rebound phenomenon occurs, the general amount of glue is too small or the substrate water.
6. Production: Check the wheels and accuracy before mass production.
7. Turn off the machine: When the PUR coating machine is off duty, firstly shake the knife mouth into the closed, wipe the knife mouth clean and seal it with tin foil.

## Handling and Installation.



1. Handling of the machine: When lifting the machine by crane (forklift), keep the machine in an overall approximately horizontal position.
2. Installation of the machine: the machine should be firmly supported on solid ground, if necessary, with sleepers.

**Caution.**

1. When the wrapping machine is in use, the working surface should be kept horizontal.
2. In the working process, all personnel are strictly prohibited from climbing. If maintenance is required, the main power supply should be cut off before proceeding.
3. The machine should be regularly maintained, cleaned and lubricated.
4. When the machine malfunctions should be promptly cut off the power supply for maintenance.
5. Scraper to be cleaned regularly, generally half a month, the filter should be replaced regularly, generally a week.