

Joto Calendar Roll to Roll Press Manual

Model No.: E-HP-JRP-44

OPERATOR'S MANUAL



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Safety Instructions

For Use By Qualified Personnel Only

When using your Heat Press, basic precautions should always be followed, including the following:

Read all instructions.

Use heat press only for its intended use.

Always keep the heat press dry. Do not get the heat press wet to reduce the risk of electric shock. Do not store heat press in a wet/ damp area.

Never pull cord to disconnect the power. Instead, grasp plug and pull to disconnect from power outlet.

Make sure you protect the power cord by keeping it away from hot surfaces. Avoid placing objects on top of the cord. This could cause damage to the cord and could be a fire hazard risk.

Do not operate heat press with a damaged cord or if the equipment has been damaged. To prevent risks of injury, please do not disassemble or attempt to repair the heat press by yourself if you are not qualified to do so. Instead, call or take it to a qualified service person for examination and repair. Incorrect assembly or repair could increase the risk of fire, electric shock, or injury to persons when the equipment is used.

If heat press being used by or near children, please make sure that it is supervised. Do not leave equipment unattended while connected.

Metal parts on the press can become hot. Avoid touching the hot metal parts to prevent burns. Proceed with caution when using the heat press.

To reduce the likelihood of circuit overload, Joto recommends to use a dedicated circuit if possible.

Make sure that the cord is safely secured so it cannot be pulled or tripped over.

If you need to use an extension cord, make sure you use a 20 amperage rated cord. Cords rated below 20 amperage can overheat. Make sure that the extension cord is safely secured so it cannot be pulled or tripped over.

Note: Temperature is in Fahrenheit or Celsius. This heat press should not be set to exceed 400°F (200°C). Setting the press temperature to above 400°F (200°C) may cause a fire hazard.

Be careful of the Auto Release feature. Press handle can injure body parts when auto-releasing. Stand clear of auto-release path.



PLEASE KEEP THE BOX THAT YOUR HEAT PRESS ARRIVED IN, ALONG WITH ALL ORIGINAL PACKAGING.

Congratulations on your purchase of a Joto Calendar Roll to Roll Heat Press! In order to work professionally with the machine and start production, please make sure you read this manual carefully.

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Table of Contents

Safety.....	2
Introduction	3
Roll to Roll Heat Press Overview	4-5
Machine Parts Diagram	6
Setting Up Your Heat Press	7
Unpacking Your Heat Press	8
Using the Control Panel.....	8-9
Wiring the Press	10
Operation Instructions	11-13
Rex Series Temperature Control	14
Rex Series: Installation	15
Rex Series: Get to Know Controller.....	16
Rex Series: Model Identification	17-18
Rex Series: Settings and Errors.....	19-23
Roll to Roll Press Safety	24
Maintenance	25
Circuit Diagram.....	26
Warranty.....	27
Contact	28

Heat Press Overview



Technical Specs

Model No.:	E-HP-JRP-44
Machine Type:	Calendar Roll to Roll
Machine Size:	64.17" x 41.37" x 54.05" (1630mm x 1051mm x 1373 mm)
Drum Width:	44" (1120mm)
Drum Diameter:	7.87" (200mm)
Max. Speed:	0-43.30"/ Min 0-1100 mm / Min (Adjustable)
Noise:	30DB
Nominal Voltage:	220VAC 50HZ Phase 1
Nominal Current:	27A
Nominal Capacity:	6KW
Heating Mode:	Oil Heated
Packing Size:	72.04" x 48.42" x 64.17" (1830mm x 1230mm x 1630mm)
Gross Weight:	992.08lbs (450kg)

Note: This heat press should not be set to exceed 400°F (200°C). Setting the press temperature to above 400°F (200°C) may cause a fire hazard.

Heat Press Overview



FRONT VIEW

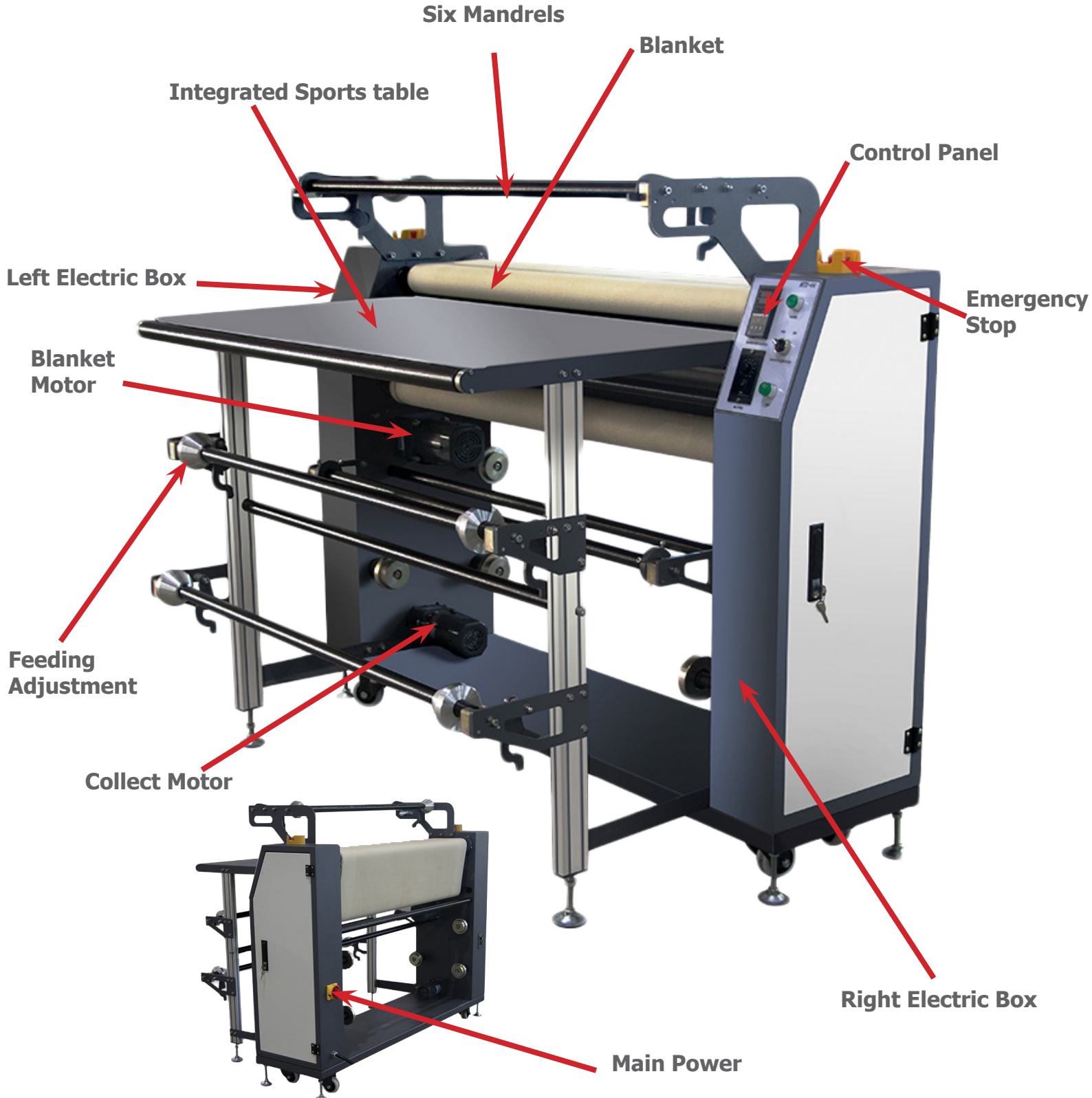


BACK VIEW



SIDE VIEW

Machine Parts Diagram



Setting Up Your Heat Press

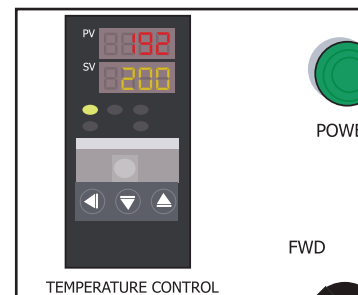
Turning On Your Heat Press

Turn the Main Power Switch on. The Main Power Switch is at the right side of the heat press.



How to Read The Display

- 1.) Left side PV value = Current Temperature
- 2.) Right side PV value = Current Time
- 3.) Left side SV value = Set Press Temperature
- 4.) Right side SV value = Set Press Time

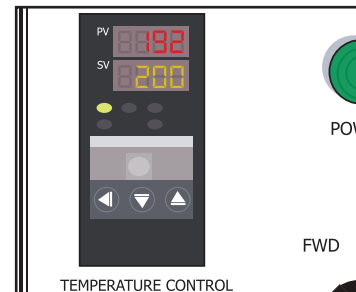


Setting Press Temperature

Press Grey Button to start. Use the up and down arrows to choose to display in °F or °C.
°F stands for Fahrenheit
°C stands for Celsius

Once selection is made, press Grey Button to save.

Green set temperature value will flash.
Use the up and down arrows to set press temperature value. Press Grey Button to save.



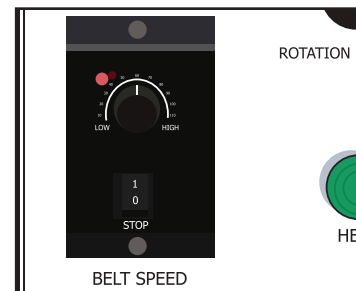
Note: Setting the press temperature to above 400°F (200°C) may cause a fire hazard.

Setting Belt Speed

Press the  Button and make sure its ON.

Adjust the rotatory button to set the value.

Wait until the current temperature is the same as the set temperature before using.



Unpacking the Press

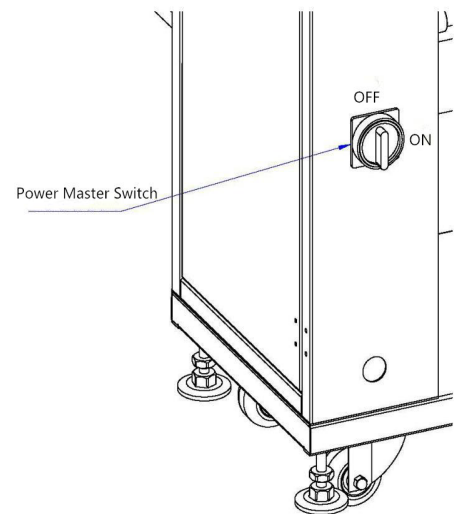
Unpacking the Press

1. Unpack the machine package and check for any loosened screws. If the screws are loosened, tighten the loosened screws.
2. Place the machine horizontally on the ground.
3. Good ventilation require as this press generates a lot of heat. Do not place any flammable or explosive materials around the heat press.
4. Warning! In order to prevent electric shock, you must ensure that the heat press is well grounded before use!.
5. Plug the machine with the correct power outlet; please refer to circuit diagram.
6. The heat press and work table must be leveled and connected securely when they are installed.

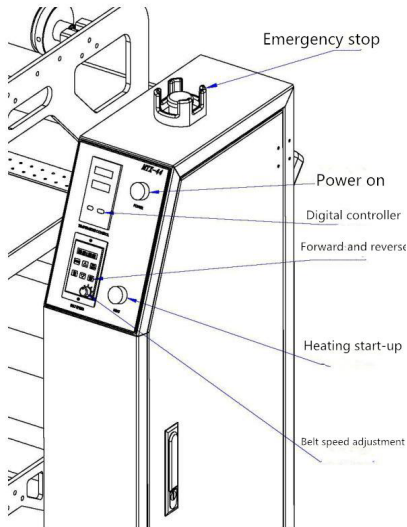
Using the Control Panel

1.) Main Electric Box (Right)

Main Power Button - Turn on the main power button before working.



Using the Control Panel



2.) Main Control Panel (Right)

Power Button- Control whether the system is connected when power on.

Emergency Stop Button- stop all operation in emergency and reset after the troubleshooting.

Temperature Controller - Set and control the heating element temperature.

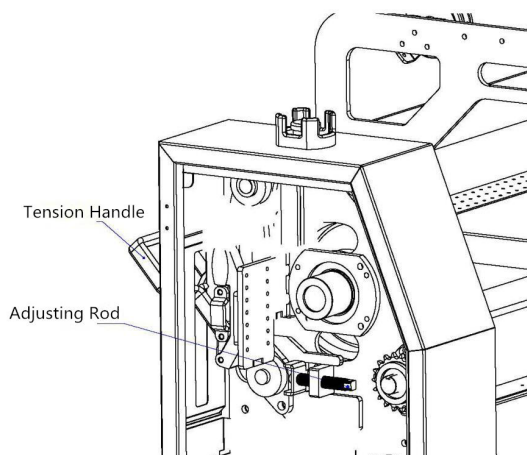
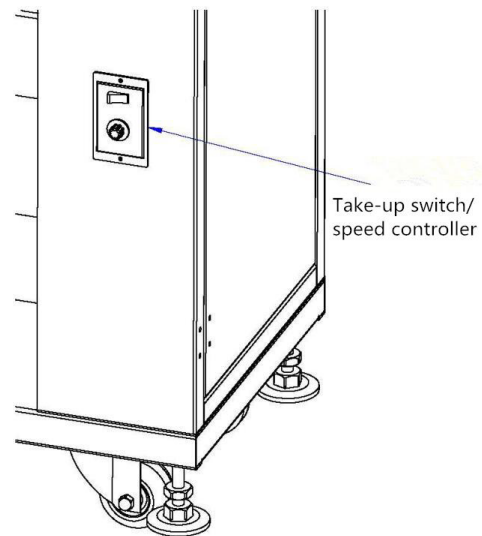
Forward and Reverse Button- Control the forward and reverse of the blanket

Belt Speed Controller- Adjust the speed of belt for better transfer quality.

Heating Buttons - Control the heating power.

3.) Secondary Electric Box (Left)

Take-up Mandrels Speed Switch/ Controller- Control the ON/ OFF power and speed of the tri-axial connecting unit back and downward.



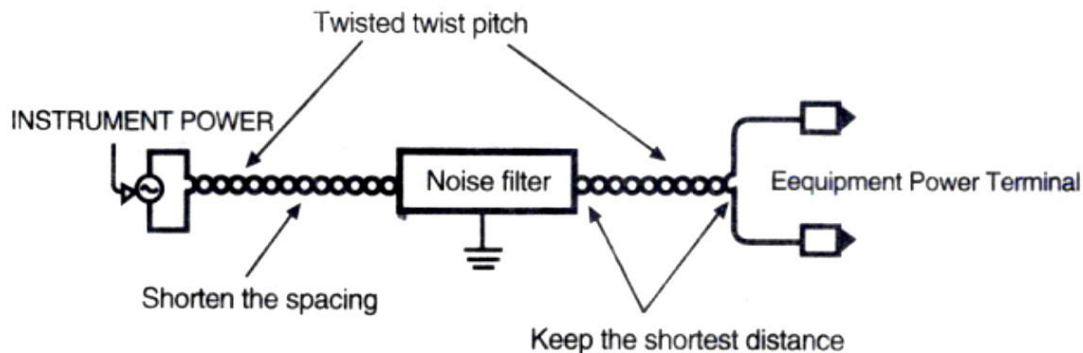
4.) Left and Right Electrical Box (Inside)

Blanket Tension Adjust Hand Wheel - Control and adjust blanket pressure (push down) and tension (push up)

Adjusting Rod- Adjust tension and position of blanket.

Wiring the machine

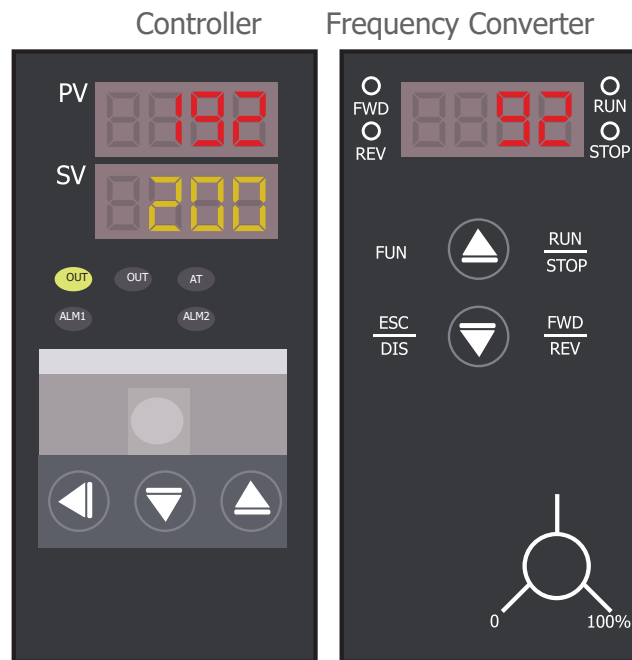
1. For thermocouple input, use the appropriate compensation wire.
2. For RTD input, use low resistance lead wire with no difference in resistance between the three lead wires.
3. To avoid noise induction, keep input signal wire away from instrument power line, load lines and power lines of other electric equipment.
 - 1.) If there is electrical noise in the vicinity of the instrument that could affect operation, use a noise filter.
 - 2.) Shorten the distance between the twisted power supply wire pitches to achieve the most effective noise reduction.
 - 3.) Always install the noise filter on a grounded panel. Minimize the wiring distance between the noise filter output and the instrument power supply terminals to achieve the most effective noise reduction.
4. Do not connect fuses or switches to the noise filter output wiring as this will reduce the effectiveness of the noise filter.



5. Allow approximately 5 to 6 seconds for contact output when the press is turned on. Use a delay relay when the output line is used for an external interlock circuit.
6. Do not over tighten the terminal screws, use the appropriate terminal screw lug.

Operation Instructions

1. Turn on the power and press the power button. The temperature control table PV shows the actual temperature. SV shows the set temperature, the default is 200 degrees: the governor displays 0. The STOP indicator lights up. Click the RUN start button, the RUN green indicator lights up, and the machine is running.



2. Click the SET button on the temperature control table, and the SV setting temperature value flashes. Press ◀ Shift. Press ▼ ▲ to increase or decrease the product setting value, press SET button to save and exit, set the completion point Heat switch to turn on the heating switch, and the machine enters the heating mode.
3. Click the inverter's FWD/REV button to switch between forward and reverse: adjust the inverter knob to adjust the transfer speed of the roller. 44 is recommended to use 30 to 40, 68 is recommended to use 20 to 25, the controller is turned on. By default, the speed and direction of the last shutdown setting are saved.
4. Machine lift step: turn on the power, press the power button, press the RUN button to start the motor. Press the heating button to warm the machine.

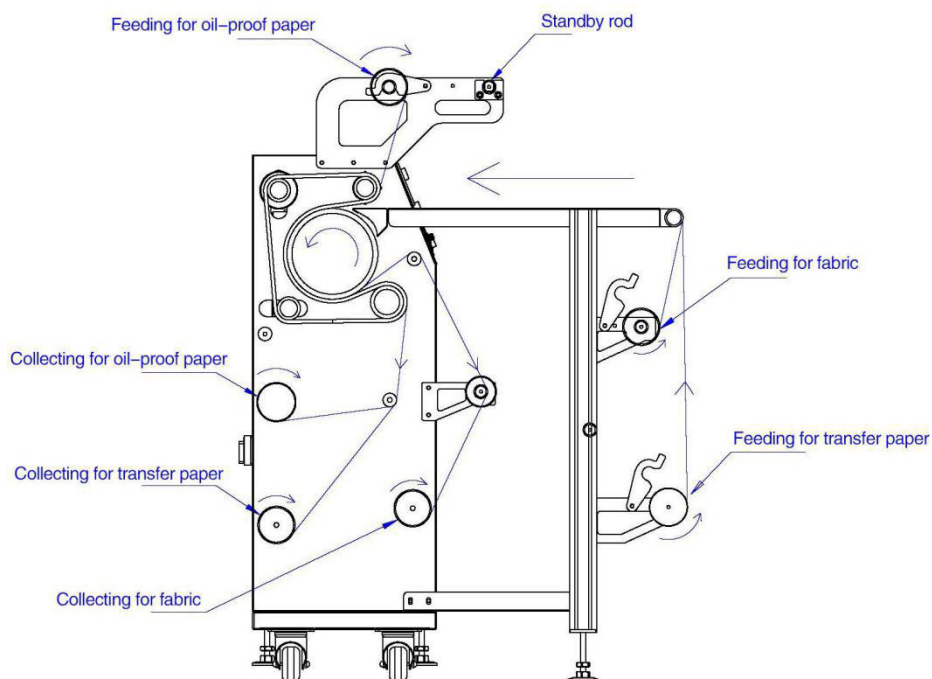
Shutdown step: Turn off the temperature rise button, turn off the power, wait for the machine to cool down, and automatically power off.

It is forbidden to start the heating before starting the heating. It is forbidden to directly disconnect the drum power supply and stop the drum running.

Operating Instructions

Preparing the heat press

1. Make sure that the heat press is well grounded and the external power switch wiring is correct (the neutral wire is connected to the N terminal Inside)
2. Adjust the tensioning handle in the left/right electric box respectively, and put the handle (extended handle can be added) upward. Push so that the belts are properly tensioned, but not too tight so that they do not extend parallel.
3. Push up the main switch behind the right side, and then press the "main power" button.
4. Adjust the knob of the speed again, so that the blanket belt rotates. Clockwise direction accelerates the speed.
5. Confirm that the heating cylinder is rotating, then press the "warm" button to set the temperature to the appropriate number (The factory is generally set at 200 °C)
6. When the temperature has reached the set value, wait for the temperature controller to stabilize, and then use a small piece of fabric first. Test the quality of material of the transfer product.
7. Press the button on the main controller, put the imaged paper and the lining (spacer) paper, and send the lining paper flat first. Feed the roller, and then feed the printed paper and cloth into the roller flat.



Operating Instructions

Pressing Fabrics

- 1.) Place a roll of fabric that will be printed on.
- 2.) Place a roll of printed transfer paper with the pattern facing down toward the fabric.
- 3.) Push up the main switch behind the right side, and then press the "main power" button.
- 5.) Place the rolled lining paper between the printed transfer paper and the fabric to prevent damaging the press.
- 6.) When the lining paper rolls out of the machine, rewind it in the take up mandrel behind the machine and adjust the speed so it will automatically roll out.
- 7.) As the backing of the imaged transfer paper rolls out, wind it on the take up mandrel at the front. Adjust the speed on the left side of the heat press.
- 8.) During the pressing, you can adjust the speed depending on color depth of the transfer paper. You can also adjust the speed of the drum.

9.) After the pressing is complete, turn off the press by pressing the Heating Button in the control panel and let it cool down until it reaches 100C.

Important! Do not leave the press on unattended.

10.) In some cases, the Main Power and Heating buttons may be off at the same time. An automatic cooling may be turn on after 2 hours which shut down the heat press.

11.) In the case of power failure or when the emergency stop is on, and the press is overheat, immediately turn the hand wheel at the top of the right side of the press to release the belt from the heating roller. Take out the transfer paper and material and place a heat resistant barrier such as cardboard between the belt and the roller.



REX Series Temperature Controller

Before using this product, please carefully read the instructions for the proper use and proper preservation. (Please read the operating manual for the proper use of this product before using.)

Wiring Warning

1. To prevent instrument damage or failure, the choice of the appropriate fuse protected power cord and input / output lines to prevent the current impact.
2. To prevent electric shock or instrument failure, power only after the completion of all the wiring work. Do not use near flammable gases.
3. Fire, explosion or damage to the instrument, flammable, explosive gas, vapor emissions places. Do not modify the instrument.

To prevent the accident or instrument failure, non-altered instrument.

Summary

REX-C□□□ Series Intelligent industrial accommodometer / temperature controller is dedicated microprocessor multifunction regulating instruments. It uses a switching power supply and surface mount technology (SMT) , and thus the controller is compact, reliable performance, unique self-diagnostic function, the self-tuning function and intelligent control functions, so that the operator can get good results by a simple operation. Main features: Multiple thermocouple, RTD, analog signal free to enter, free to set the range, the software tune zero full-scale, cold end separate temperature measurement, auto-zeroing amplifier accuracy of better than 0.5% FS. Fuzzy theory combined with conventional PID control fast and smooth, state-of-the-art setting program. Output optional: relay contact, logic level, SCR single-phase, three-phase over zero or phase shift trigger pulse, analog, attach Road definable alarm contact output.

The Main Technical Indicators

1. Measurement Precision: $\pm 0.5\%FS$
2. Cold junction Compensation error: $\pm 2^{\circ}C$ (0-50°C within the software correction)
3. Resolution: 14 bit
4. Power Supply: AC 85-265V 50Hz
5. Control Mode: industrial-grade expert self-tuning PID technology, compared with the traditional PID control with rapid temperature control, fast response, small overshoot, high precision control.
6. Insulation Resistance: $>500m \Omega(500VDC)$
7. Dielectric Strength: 1500VCA/Min
8. Power Consumption: $<10VA$
9. Occasions Environment: 0-50°C, 30-85% RH non-corrosive gases

REX Series: Installation

Installation

Precautions

1. Press installed in the following environments:
 - Atmospheric Pressure: 86-106kpa
 - Ambient Humidity:0-50°C
 - Ambient temperature:45-85% RH
2. Installation should pay attention to the following circumstances:
 - Drastic changes in the ambient humidity
 - May cause condensation
 - Corrosive, flammable gas
 - Direct vibration or shock theme structure
 - Water, oil, chemicals, smoke or steam pollution
 - Excessive dust, salt, or metal powders
 - Air conditioning blowing straight
 - Direct sunlight
 - The accumulation of heat radiation

Installation Process

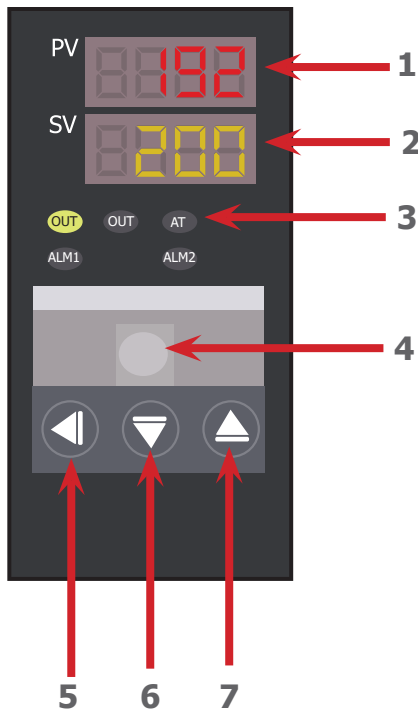
1. Panel cutout disk played a tho rectangular square hole to install the meter.
2. Multiple instrument installation, the distance between the left and right holes should be greater than 25mm, up and down two holes distance should be greater than 30mm.
3. Embedded in the instrument panel cutout within.
4. Instrument mounting hole into the mounting bracket.
5. Pushed tight mounting bracket to the instrument with the disk is firmly bonded to tighten the screws.

REX Series: Get to Know Controller

Warning

- 1.) To prevent injury to persons, damage to instrument and equipment, a suitable external protection device shall be required.
- 2.) All wiring must be completed before power is turned on to prevent electric shock, fire or damage to instrument and equipment.
- 3.) This instrument must be used in accordance with the specifications to prevent fire or damage to instrument and equipment.
- 4.) This instrument is not intended for use in locations subject to flammable or explosive gases.
- 5.) Do not touch high-voltage connections such as power supply terminals, etc. to avoid electric shock.

Panel Name and Function



No	Panel Description	Content Description
1	PV	Measured value (PV) display
2	SV	Set value (SV) display
3	OUT1	Control output lamp- Lights when control output is turned on
	OUT2	Control output lamps- Lights when cool-side control output is turned on
	AT	Auto tuning (AT) lamp- Flashes when auto tuning is activated. (After auto tuning is completed: AT lamp will go out)
	ALM1	Lights when alarm 1 output is turned on
	ALM2	Lights when alarm 2 output is turned on
4	^	Up Key- Increase numerals.
5	V	Down Key- Decrease numerals.
6	<	Shift Key- Shift digits when settings are changed.
7	SET	Set Key- Used for parameter calling up and set value registration.

REX Series: Model Identification

Model Defined Identification

1. Meter Size (see Table 1)
2. Control Mode
F:PID control and automatic speech inverse action
D:PID control automatically play a positive action
3. Input Type and Range (see Table 2)
4. Main Output
N: No output
M: Relay contact output
V: the voltage pulse output(SSR)
8: Current output
T: SCR zero output
G: SCR shift like pulse output
5. The First Channel Alarm Type (ALM1)
N: not set alarm
A: upper limit deviation alarm
B: lower limit deviation alarm
C: up and down significant deviation alarm
D: range alarm
E: with standby limit deviation alarm
F: upper limit deviation alarm with standby
G: lower limit deviation alarm with standby
H: upper limit input value alarm
J: lower limit input value alarm
K: upper limit input alarm with standby
L: lower limit input alarm with standby
6. Second Channel Alarm Type ALM2 (same as ALM1)

Table 1:
Unit: mm

Model	Surface frame (W x H)	Shape (W x H x D)	Hole size (W x H)
REX-C100	48 x 48	44 x 44 x 100	(44+1) x (44+1)
REX-C400	48 x 96	44 x 92 x 100	(44+1) x (92+1)
REX-C700	72 x 72	68 x 68 x 100	(68+1) x (68+1)
REX-C900	96 x 96	92 x 92 x 100	(92+1) x (92+1)

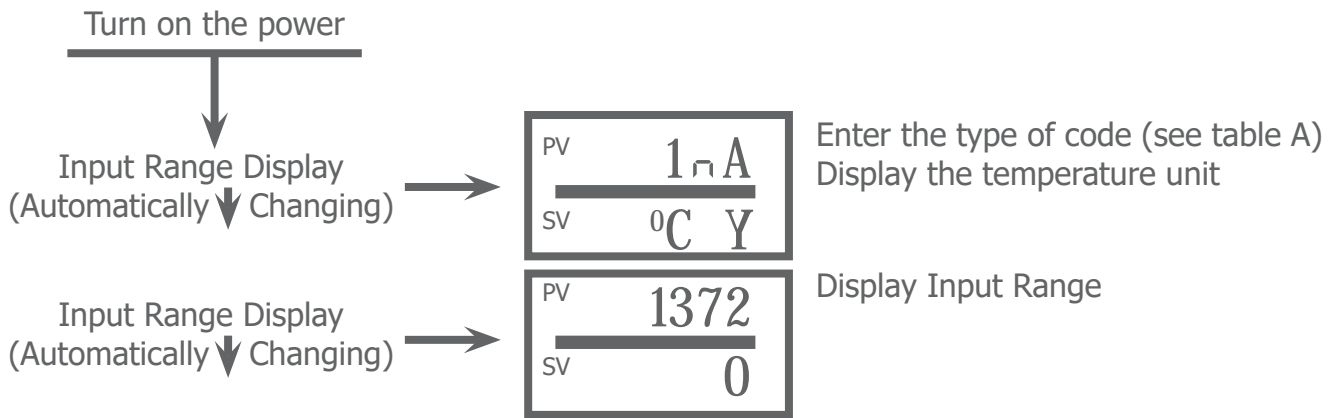
REX Series: Model Identification

Table 2: Input Scope Table

	Input	Measure Scope	Code	Measure Scope	Code	Measure Scope	Code
Thermocouple		0-200°C	K01	0-400°C	K02	0-600°C	K03
	K	0-800°C	K04	0-1000°C	K05	0-1200°C	K06
		0-1372°C	K07	0-100°C	K13	0-300°C	K14
	J	0-200°C	J01	0-400°C	J02	0-600°C	J03
		0-800°C	J04	0-1000°C	J05	0-1200°C	J06
	R#1	0-1600°C	R01	0-1769°C	R02	0-1350°C	R03
	S#1	0-1600°C	S01	0-1769°C	S02		
	B#1	400-1800°C	B01	0-1769°C	B02		
	E	0-800°C	E01	0-1000°C	E02		
	N	1-1300°C	N01	0-1300°C	N02		
	T#2	-199.9-400°C	T01	199.9-400°C	T02	-199.9-200°C	T03
0-350°C		T04					
Thermal Resistance	Pt100	-199.9-649°C	D01	-199.9-200°C	D02	-100-50°C	D03
		-100-100°C	D04	-100-200.0°C	D05	0.0-50.0°C	D06
		0.0-100°C	D07	0.0-200.0°C	D08	0.0-300°C	D09
		0.0-500°C	D10				
	Cu50	-50.0-150°C	P01	0.0-150.0°C	P02	0.0-100°C	D03
		0.0-50.0°C	P04	-50.0-100°C	P05	-50.0-50°C	D06
		-50-150°C	P07	0-150°C	P08	0-100°C	D09
		0-50°C	P10				
Standard Signal	0-5V DC	0.0-100.0°C	401				
	1-5V DC	0.0-100.0°C	601				
	0-20 Ma#3	0.0-100.0°C	701				
	4-20 Ma#3	0.0-100.0°C	801				

1. Can not guarantee the accuracy scope of 0-399°C.
2. To ensure accuracy in the scope of -199-100°C.
3. A resistor of 250Ω is needed between the input terminal external

REX Series: Settings



	Y	J	r	5	b	E	n	r	Pr	CU	mV	mA	V
Input Mode	Thermocouple (TC)								Thermic Resistant (RTD)		Voltage and Current		
	K	J	R	S	B	E	N	T	Pt100	Cu50	mV	mA	V

Setting Mode

SV/PV normal display state, click the "SET" button, the SV display is flashing by pressing the "<" button, find the desired set temperature digits, and then click the "SET" button, the meter tum to the SV/PV Normal display state.

Parameter Setting Mode

This parameter is used to set the alarm,PID constants and other parameters. Normal display mode,press and hold the"SET "button for three seconds,the PV display shows the parameter setting mode,display the corresponding values in the"SV"display parameters in the following table,press the"SET"button to display symbols. Note: display the reply feature native. When the operator parameter setting modify operation not to return to the main display mode,the instrument will return to the main display mode automatically after 30 seconds,the altered parameters are not saved. Meter read prior to use or modify the parameters,The following processes such as controller no such function will not display this content.

REX Series: Settings

Display Character	Name	Specification	Setting Range	Factory Default
	PV/SV	Measured values/settings	Full scale	
RL1	AL1	The first set of alarm settings	Full scale	
RL2	AL2	The second set of alarm settings	Full scale	
RLB	ATU	Autotuning temperature. Not recommended to use.	0:off auto-tuning 1:self-tuning	0
P	P	Proportional band(see*1)	0- full scale When set to 0 for position	30
1	1	Integration time(sec)	0-3600 seconds When set to 0,no integral	240
d	D	Derivative lime(seconds)	0-3600 seconds When set to 0, no derivative action	60
Rr	Ar	Reference values(see*2)	AT automatically set	25
r	T	Working period(seconds)	In proportion to the time period of	(See*3)
oH	OH	The main control does not work bandwidth	1-100 unit(PV)	2
SC	SC	Measurement error	-200-200 unit(PV)	0
LCA	LCK	Data lock(see*4)	0000-0111	0000

1. When $\neq 0$ instrumentation or PID control, the need to rationalize the set values of the "I D", the first to open the "AT" self-tuning function, so that e control to achieve the best when P=OON/OFF control, must be set o control the value of the return difference "OH".
2. This is the PID internal reference values ?? are not normally required to man-made. " AT" cones with the set will automatically set this value.
3. The relay contact output 20 seconds 2 seconds flip-flop output/gate flow control tube output voltage pulse output /thyristor control tube drive
4. Set data lock(LCK)function Set data lock function is use to prevent some often set parameters Ukrainian operation, in the three forbidden lock state parameters for each level state ban lock parameter locked can not be set or changed but monitoring
 - When LCK = 0000 , all parameters can be modified.
 - When LCK = 0001, the data can not be modified, except SV. ALL, AL2.
 - When LCK = 0011 all the data can not be modified, except SV.
 - When LCK = 0111, all of the data can not be modified.

REX Series: Errors & Technical Settings

Message	Specification	Exclusion Method
E_{FF}	Equipment Error	Please send overhaul
□□□□	Input the disconnection polarity, reversed or exceeds the input range	Please check whether the input signal error
UUUU	Input the disconnection polarity, reversed or exceeds the input range	Please check whether the input signal error

The control panel technical parameters mode settings

After a normal power meter, according to the parameter setting mode to enter the ice to find data lock parameter "LCK" to code "100", the press the "SET" button and the "two white keys" while holding down for about 30 seconds PV display shows "GOD" = 0000 can be obtained, press the "SET" button and cycle through the following parameters:

Display Character	Settings				Specification	Scale Range
SL 1	0	0	0	0	K	0-1372°C
	0	0	0	1	J	0-1200°C
	0	0	1	0	R	0-1769°C
	0	0	1	1	S	0-1769°C
	0	1	0	0	B	0-1820°C
	0	1	0	1	E	0-800°C
	0	1	1	0	N	-200-400°C-199.9-400°C
	0	1	1	1	T	-200-650°C-199.9-650°C
	1	0	0	0	Pt100	-50-150°C-50-150°C
	1	0	0	1	cu50	-1999°C-9999°C
	1	0	1	0	0-400Ω	-1999°C-9999°C
	1	0	1	1	0-50mV	-1999°C-9999°C
	1	1	0	1	0-20mA	-1999°C-9999°C
1	1	0	1	0-5V(0-10V)	-1999°C-9999°C	
SL 2	0	0	0	0	Slightly	
SL 3	0	0	0	0	Slightly	

REX Series: Technical Settings

Display Character	Settings	Specification	Scale Range	
SL 4	0 0 0 0	First alarm function is not set	Type selection of first alarm (AL1)	
	0 0 0 1	Upper limit deviation alarm		
	0 0 1 0	Upper/ lower limit deviation alarm		
	0 0 1 1	Process value alarm		
	0 1 0 1	Lower limit deviation alarm		
	0 1 1 0	With alarm region		
	0 1 1 1	Process value lower limit alarm		
	0 0 0 0	Standby alarm function		First alarm standby type selection
	1 0 0 0	Standby alarm function		
SL 5	0 0 0 0	The second set of alarm function is set		
SL 6	0 0 0 0	Positive action control (cooling)	The main control forward/reverse action selection	
	0 0 0 1	The inverse operation control (heating)		
	0 0 0 0	Master time proportional output	The main control output type selection	
	0 0 0 1	Master continuous output (4-20mA)		
SL 7	0 0 0 0	Incentive alarm	Incentive alarm/non-incentive alarm/ the first alarm	
	0 0 0 1	Non- incentive alarm		
	0 0 0 0	Incentive alarm	Incentive alarm/non-incentive alarm/ the second alarm	
	0 0 1 0	Non-incentive alarm		
SL 8	0 0 0 0	Slightly		
SL 9	0 0 0 0	Slightly		
SL 10	0 0 0 0	Slightly		
SL 11	0 0 0 0	Slightly		

Controller Maintenance and Preservation

The warranty covers any quality failure of the internal component 18 months from the purchase of the press. Any damage due to improper use, you will be charged a repair fee. Meter has a lifelong maintenance. Keep the press's original packaging stored in dry and ventilated. Avoid non-corrosive gases.

REX Series: Technical Settings

When "COD" = 0001, Press the SET button and cycle through the following parameters:

Display Character	Factory Default	Specification	Setting Range
SLH	According to orders	Set the measuring range upper limit	See table on page 18-19
SLL	According to orders	Set the measurement range limit	See table on page 18-19
PLdF	0	Decimal places	0-3
oH	2 or 2.0	AT comes with no action given output bandwidth	0-100 or 0.0-100.0
AH1	2 or 2.0	The first alarm output is not active bandwidth	0-100 or 0.0-100.0
AH2	2 or 2.0	The second alarm output is not active bandwidth	0-100 or 0.0-100.0
dF	1	Digital filter constant	0-100

Roll-to-Roll Press Safety

1.) Because of the inconsistent tension of both end of the blanket, the belt may deviate from left to right, so you will need to adjust the roller of the press. To adjust the blanket belt, you will need to tighten each end accordingly.

Use the assigned wrench with the screw and rotate clockwise. Pay attention to how tight you rotate. To loose the screw, turn counterclockwise. It will take time to tighten.

2.) Because this is a heat press, the shaft stick, the heating element, and the size bearings may be damaged due to thermal expansion. They may make noise so be aware of that.

3.) The control circuit board and the inverter inside the press should be kept clean and dust free. Avoid any conductive objects to come in touch with them.

The collector ring carbon brush protection cover should be remained closed when operating the machine to avoid electric shock.

4.) If the heating element, reducer, lubricating oil and etc needs to be replaced, please contact Joto at 1-800-565-5686 to request the special parts of the press. Joto is not responsible if this press is repaired, modified or disassembled by other than factory-approved personnel. Malfunction can occur and warranty is void under these conditions.

5.) The external surface of the heating cylinder should be kept away from corrosive liquids. Avoid hard substrates from entering it as it may scratch the cylinder. Coating being peeled off is not covered under warranty.

6.) The blanket belt is the main part of the press. Protect it by switching on the machine to prevent it from burning. The belt is not covered under warranty.

Maintenance

General Maintenance

Please switch off the machine and unplug the power cord when the machine is not in use.

To protect the blanket, do not allow any hard surface objects to be in direct contact with the platen. This includes zippers, buttons, metal sublimation items and more. When pressing these items, place a protective lining between the blanket and the objects.

Regularly check whether there is dust inside the press, and wipe it off to keep every part clean.

Regularly check the roller and the inside of the blanket. Check whether they accidentally fall into metal or sundries. If anything isn't correct, please contact Joto right away.

Check the wiring connection regularly. If there is a spark, please replace the damaged parts right away.

Check the periphery of the engine cover regularly. If there is dust or debris piled up, clean it up and make sure the motor is cooled.

Remove any dust from the body casing. Make sure the environment is dry and not wet.

Please add the lubrication oil regularly on the joints to prolong the life of your heat press. The frequency will depend on how often you use your machine.

Don't press the emergency stop switch unless it's an emergency. Don't hold the emergency stop switch for over 3 minutes even in emergency cases.

Check the electric wire and circuit frequently to make sure they work properly. Contact Joto if you have any issue.

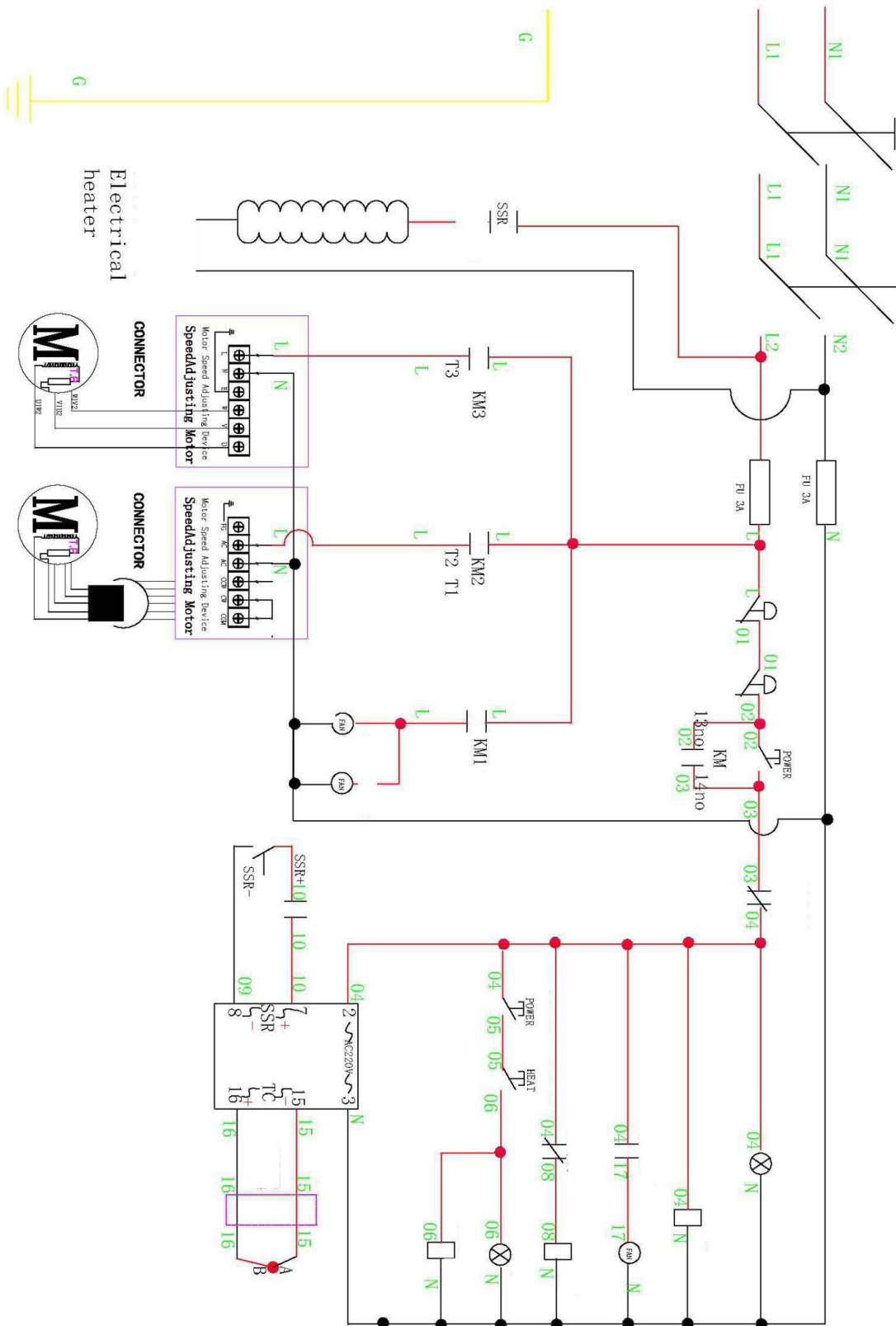
Daily clean up of the press is recommended.

Note: This heat press should not be set to exceed 400°F (200°C). Setting the press temperature to above 400°F (200°C) may cause a fire hazard.



If your heat press stops working, please contact Joto at 1-800-565-5686 so we can help you troubleshoot.

Circuit Diagram



Warranty Statement

JOTO warrants to the original purchaser JOTO's E-HP-JRP-44 heat presses or component that such heat press or component is free from defects in materials and workmanship, subject to the limitations set forth below.

IN LIEU OF ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH JOTO HEREBY DISCLAIMS, THE OBLIGATIONS OF JOTO UNDER THIS WARRANTY ARE EXPRESSLY LIMITED TO THE FOLLOWING:

- a. JOTO will repair or replace at its option, free of charge, any product, component of its products, and any component it sells separately which is installed in JOTO's heat presses, within twenty-four months and sixty months for the heating platen after shipment by same.
- b. This warranty does not apply to damage incurred in shipment. Damage incurred in shipment should be reported to the designated carrier. It is the carrier's responsibility to ensure arrival in undamaged condition.
- c. Service labor, when requested in connection with any of the above items covered by this warranty, will be charged for traveling expenses only.
- d. This warranty applies only if the product or component proves to be defective under conditions of normal use. It does not apply to breakage or to defects resulting from accident, alteration, misuse, or improper installation.
- e. This warranty does not include installation of the product or component.
- f. Prior to any return of a product or component, Buyer must receive written authorization to do so from JOTO. After written authorization, Buyer shall return the defective product or component freight prepaid by the original purchaser and JOTO will ship the replacement or repaired component freight prepaid by JOTO.
- g. This warranty is effective only if the product or component is installed in a location and manner prescribed by JOTO instructions and only if it is maintained in accordance therewith. This warranty shall become ineffective if the product or component is altered by anyone other than JOTO employees. JOTO neither assumes, nor authorizes any person to assume for it, any obligation or liability other than as specified herein. JOTO WILL IN NO CASE AND UNDER NO CIRCUMSTANCES BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT OR COMMISSION, OR FOR LOSS OR DELAY IN PRODUCTION.

Without limiting the generality of the foregoing, JOTO will not be liable with respect to furnishing or delay in furnishing any product or component, the use, resale or other disposition thereof, failure to furnish the same, or any other cause. JOTO liability arising out of the supply of any product or component, its use, resale or other disposition, or out of any guarantee or warranty, express or implied, or any other cause shall in no case exceed the cost to JOTO of the product or component which JOTO has agreed to supply. All liability of JOTO with respect to any product or component shall terminate upon the expiration of the twenty-four month period described above.

-Any controversy or claim arising out of or relating to transactions or orders or breach thereof, including breach of warranty, shall be settled by arbitration in Blaine, Washington, pursuant to the rules of American Arbitration Association. Any award made against JOTO shall be limited as provided above. Judgment upon award rendered by arbitration may be entered in any court having jurisdiction thereof. However, at JOTO's option, this paragraph shall not apply to collection by JOTO of the price of any product sold or any action related thereto.



**PLEASE KEEP THE BOX THAT YOUR HEAT PRESS ARRIVED IN,
ALONG WITH ALL ORIGINAL PACKAGING.**

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