

Joto Large Format Heat Press

Model No.: E-HP-JLF-3243

OPERATOR'S MANUAL



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Bringing images to lifeTM

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.



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

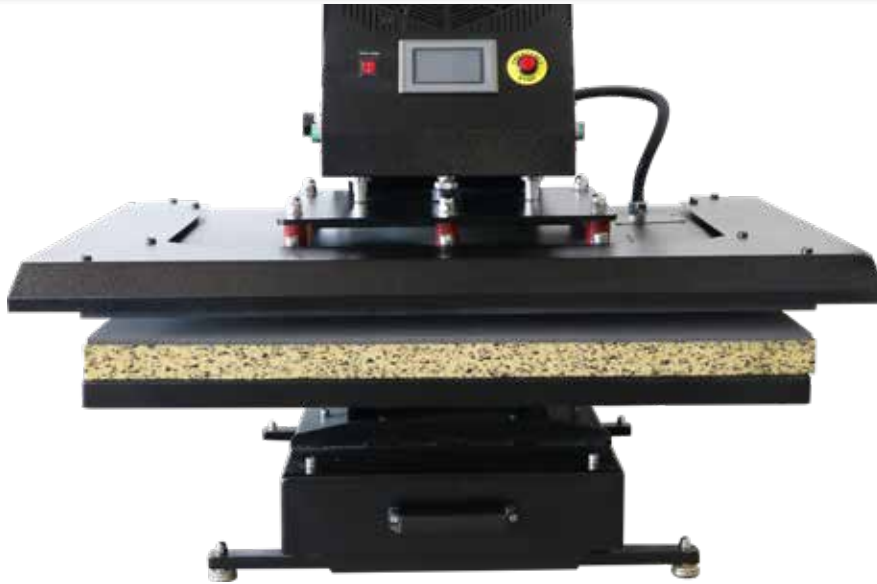
Congratulations on your purchase of a Joto Large Format Heat Press! In order to work professionally with the machine and start production, please make sure you read this manual carefully.

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Heat Press Overview

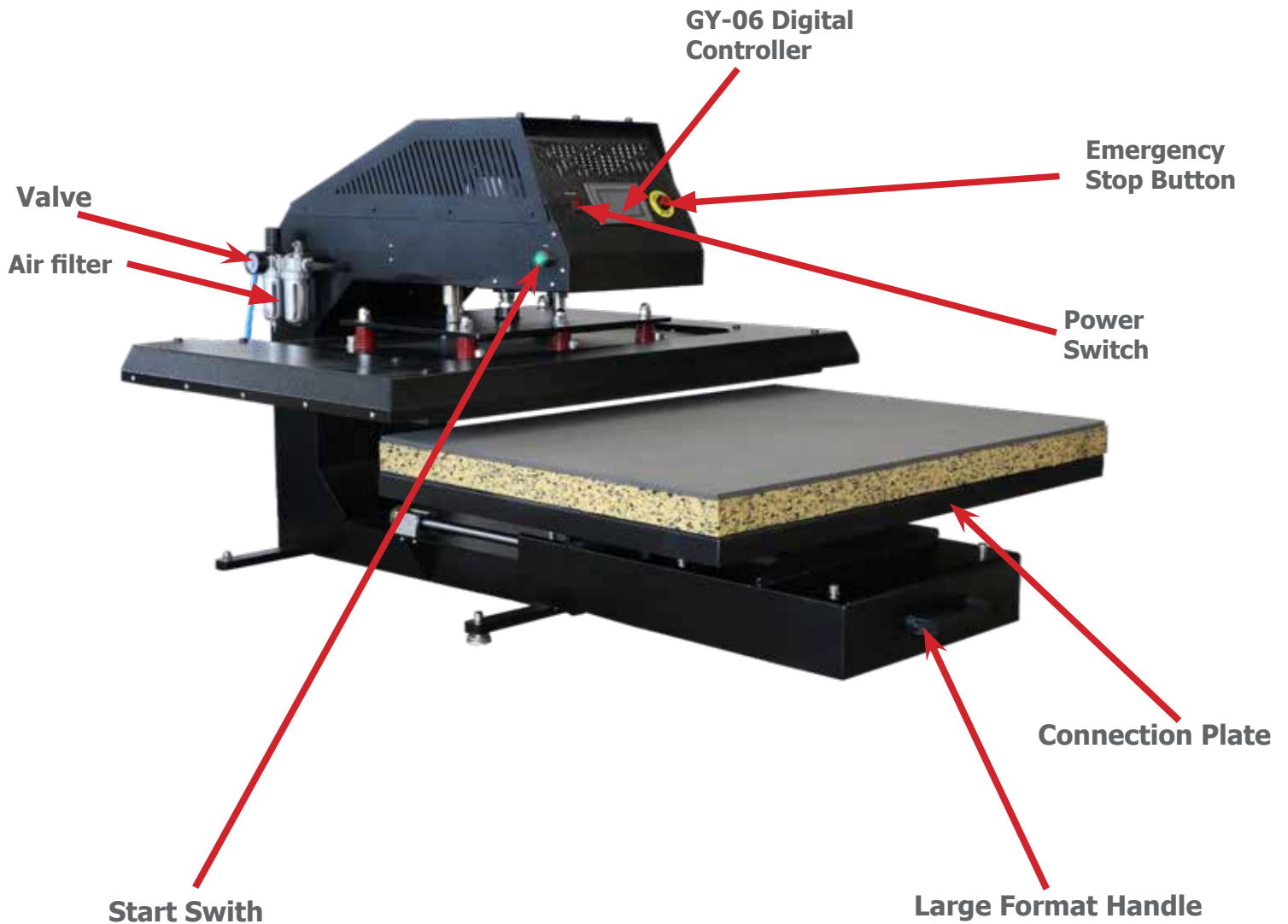


Technical Specs

Model No.:	E-HP-JLF-3243
Machine Type:	Large Format 31.5" x 43.3"
Machine Size:	48.22" x 51.02" x 39.13" (1225mm x 1296mm x 994mm)
Printable Articles:	Up to 0.78" (20mm) Thickness
Controller	GY-06 Digital Controller
Voltage:	220v/ 1 Phase/ 120v/ 1 Phase
Power:	8KW
Time Range:	0~999s
Maximum Temp:	437F (225C)
Packing Size:	54.33" x 60.23" x 49.60" (1380mm x 1530mm x 1260mm)
Gross Weight:	340kg (Wooden crate)

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.

Machine Parts Diagram

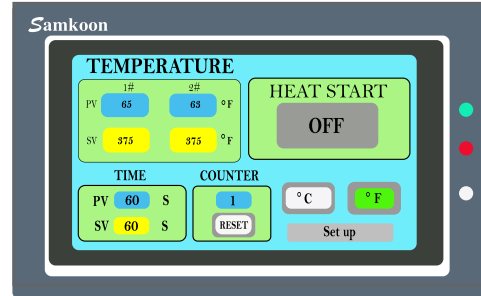


Breaker needs to be at least 36A, and the wire needs to be at least 9KW

Setting Up Your Large Format

How to Read The Display

- 1.) Turn on Heat Press, display screen will switch on
- 2.) Right side PV value = Current Temperature
- 3.) Left side PV value = Current Time
- 4.) Right side SV value = Set Press Temperature
- 5.) Left side SV value = Set Press Time



Setting Press Temperature

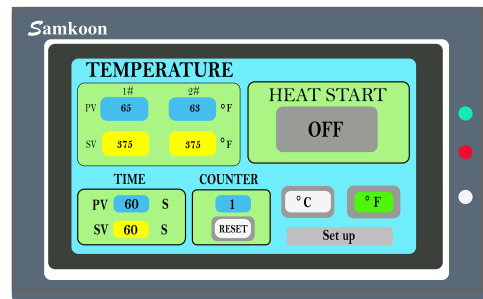
Press the corresponding number of SV to start. Touch the °F or °C buttons to choose to display in °F or °C.

°F stands for Fahrenheit

°C stands for Celsius

Press ENT to save and exit,
CLR to clear the settings, ESC to reset.

Use keypad to set press temperature value.
Press ENT to save



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

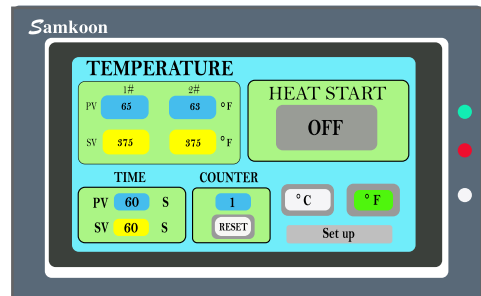
Setting Press Time

Press the SV Time Value and a keypad will show up.

Press the numbers on the keypad change the value.

Press ENT to save the value.

Wait until the current temperature is the same as the set temperature before using. The press will beep once set temperature is reached. Close and open the press to stop the beeping.



Operating Instructions

Pressing a images to your substrate

- 1.) Ensure that the air supply is connected to the press.
- 2.) Turn on the Main Power Switch.
- 3.) Adjust the air pressure to 0.6-0.8Mpa. Heat platen will open automatically.
- 4.) Draw out the under plate and place the substrate on top of the under plate.
- 5.) Set the appropriate Press Temperature, and Time as per your transfer paper, transfer vinyl or sublimation instructions.
- 6.) Wait until current temperature is the same as the set temperature. Once the press has reached set temperature, place transfer material on the shirt. For Sublimation, place the paper with the image face down. For cuttable transfer vinyl, place the matte side with the transparent carrier backing facing the heat platen. For some sublimation items, the imaged transfer paper is on the bottom with image face up while the substrate is placed on top with printable side face down. If unsure, please refer to the instructions you received with your transfer materials.
- 7.) Push the green start-up switch. The platen will close automatically. The current time value will start counting down. Once the timer reaches the last 2 seconds before reaching 0, it will start to beep to warn you. It is recommended to stand clear of the press and let the auto-open feature work without obstruction. Once time reaches zero, the press will open.

Note: Once the press is closed, it cannot be opened manually until the timer reaches zero. In an emergency, you may press the red emergency stop button to force open the press. When pressing the red emergency stop button, the press will open immediately without warning. Keep hands on the heat press handle at all times during and after pressing the emergency stop button. Not securing the handle with your hands may cause injury.

- 8.) For most sublimation and transfer vinyl, the peel is hot. If unsure, refer to the instructions that came with your transfer materials.

CAUTION: Suitable air pressure is 0.4-0.5Mpa or 75-80Psi. Do not exceed this range as too much air pressure may damage the machine, and not enough air pressure will not allow the heat platen to work properly.

Heat Pressing Guide

Transfer Vinyls

MultiCut One-4-All

Temperature: 265°F
Time: 3-5 seconds
Peel: Warm (Cotton)



MultiCut Premium

Temperature: 310-330°F
Time: 45 seconds
Peel: Warm/Cool



MultiCut New Flock

Temperature: 310-330°F
Time: 15 seconds
Peel: Warm



MultiCut Lustre

Temperature: 310-330°F
Time: 15-20 seconds
Peel: Hot to Cold



MultiCut Nylon

Temperature: 300-305°F
1st Press Time: 3-4 seconds
2nd Press Time: 10-15 seconds



MultiCut Style

Temperature: 310-330°F
Time: 15-20 seconds
Peel: Hot to Cold



For more instructions, please visit our website at www.jotoimagingsupplies.com/support/how-to-library/instructions.html

Transfer Papers

CL TrimFree Dark

(REQUIRE A WHITE TONER PRINTER)

Temperature: 310°F
1st Press Time: 120 seconds
2nd Press Time: 30 seconds



CL TrimFree Light

Temperature: 330°F
Time: 30 seconds
Peel: Warm (5-10 seconds)



Inkjet Light

Temperature: 350-365°F
Time: 20 seconds
Peel: Warm



Inkjet Dark

Temperature: 375°F
Time: 20-25 seconds
Peel: Cool



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Heat Pressing Guide

Sublimation Items

Sublimatable Ceramic Tiles

Temperature: 400°F
Time: 360-420 seconds
Peel: Hot
Method: Substrate face down
Image face up



iLumipiX Photo Panels

Temperature: 400°F
Time: 65-150 seconds

Time may varied based on size.
Scan the QR code on the left for instructions or visit our website.



Porcelain Ornaments

Temperature: 400°F
Time: 180-240 seconds
Peel: Hot
Method: Substrate face down
Image face up



Sublimatable Towels

Temperature: 360°F
Time: 120 seconds
Peel: Hot
Method: Substrate face up
Image face down



Coasters with Cork Bottom

Temperature: 400°F
Time: 75 seconds
Peel: Hot
Method: Substrate face up
Image face down



Sublimatable Pillows

Temperature: 375°F
Time: 45 seconds
Peel: Immediate
Method: Substrate face up
Image face down



Pot Holder

Temperature: 360°F
Time: 120 seconds
Peel: Immediate
Method: Substrate face up
Image face down



Sublimatable Slates

Temperature: 360°F
Time: 480 seconds
Peel: Immediate
Method: Substrate face up
Image face down



For more instructions, please visit our website at www.jotoimagingsupplies.com/support/how-to-library/instructions.html

Maintenance

General Maintenance

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

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

Please add the lubrication oil regularly on the pivot parts to prolong the life of your heat press. The frequency will depend on how often you use your machine. Failing to lubricate your machine regular will cause the pivot joints to dry out, and they will be subject to friction and wear.

The cooling fan will automatically start when the temperature of heat platen reaches 80°C (176°F). This helps to cool electrical parts and prolong the heat press.

The heat platen will cool down to room temperature if heat press is not used for more than 30 minutes.



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

Maintenance for your machine is crucial. Under normal use, it should be done every 3 months. However, if your machine handles high volumes, monthly grease application is necessary.

Refer to the image on the right for grease application points.

To apply the grease, simply lubricate the **cylinder rod and guide rods**. Repeat the lowering and lifting action of the heating plate a few times to ensure the grease spreads evenly on the rod.

Use a High-Temperature Lithium Lubricating Grease like Mobil Extreme Pressure Grease CM-P, which can be obtained from Granger Supply, following the manufacturer's specifications.

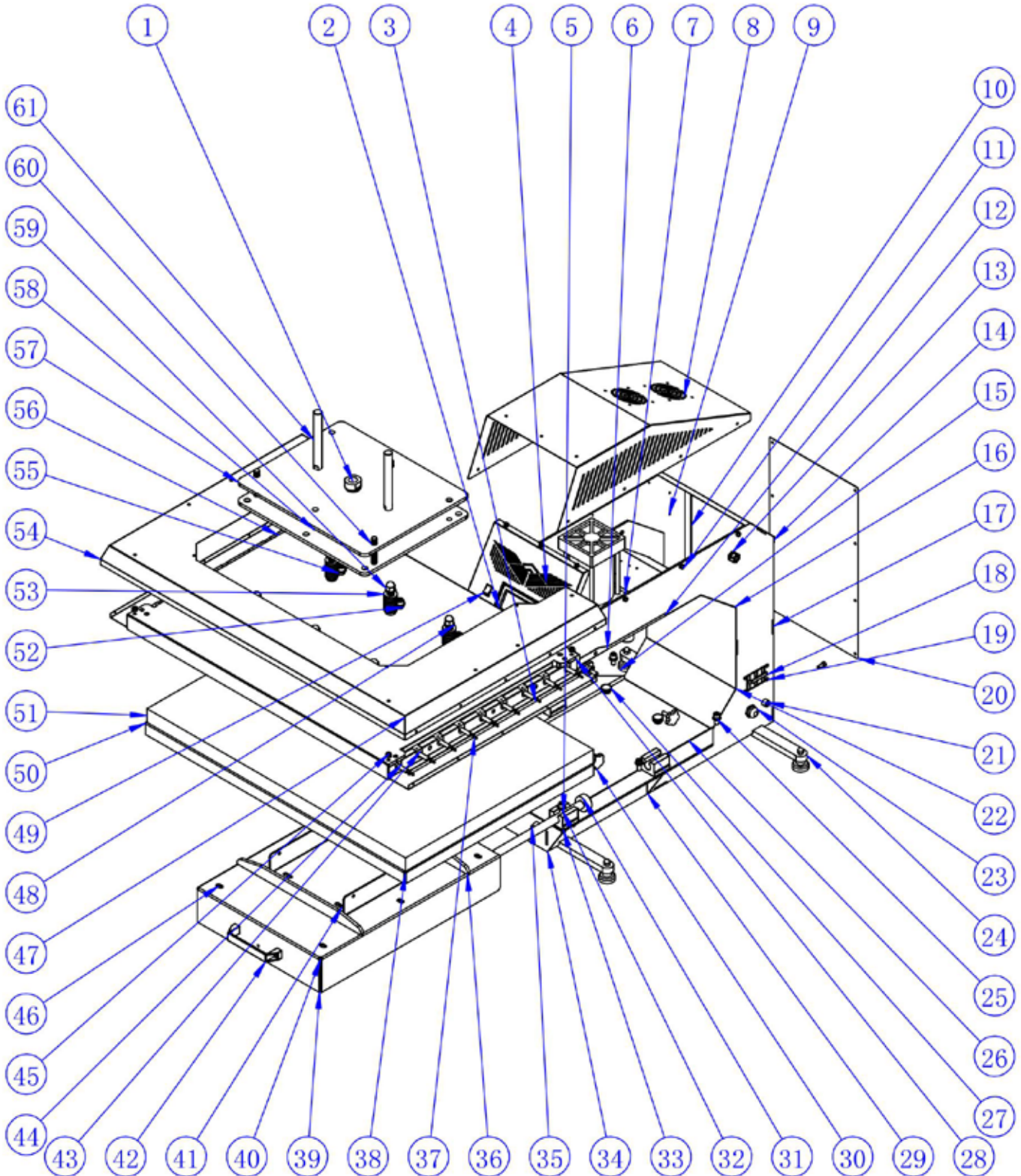


Troubleshooting

Printing Process

- A. The color is a little bit light: The temperature is too low, the pressure is uneven, or the time is too short.
- B. The picture is vague: The printing time is long, causing the spread of ink.
- C. The printing cover looks not brilliant: The pressure is too heavy or the temperature is too high.
- D. The print is partially vague: The heat of the pressing area is uneven.
- E. The print has some scar or brown tint: The pressing time is too long.
- F. The print is in different colors: The pressure is uneven or the surface of the printing material is uneven.

Expanded Diagram

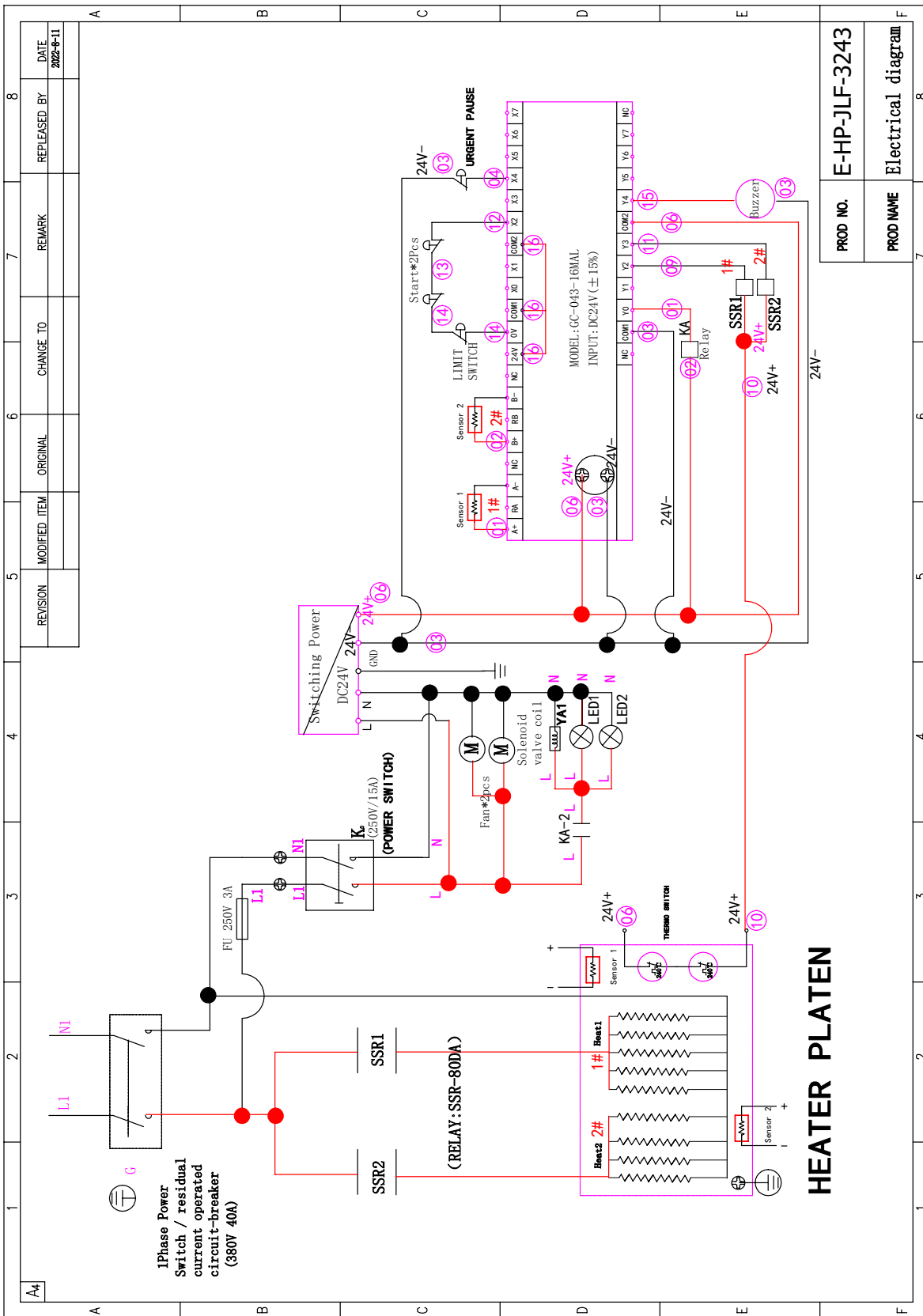


Expanded Diagram

Serial No.	Part Name	Qty
1	Adapter plate welding plug 7	1
2	PLC Digital Time & Temp. Control	1
3	Plate electrode 1	16
4	Anti-shake sleeve 1	2
5	GB_FASTENER_SCREWS_HSHCS M12X25-N	40
6	Rack panel 1	1
7	Cylinder 125-75	1
8	Upper cooling cover 3	1
9	Left plate rack 1	1
10	Rear cover pad	2
11	M5x12 Hand wheel screw	11
12	Cylinder fixing plate 1	1
13	New Snake Fitting	2
14	Rear welding plate	1
15	Cup type machine feet	4
16	Rack stiffener 1	2
17	Rack connection board 1	7
18	Air switch 1	1
19	GB_CROSS_SCREWS_TYPE138M5X12-N	4
20	Machine rear cover 1	1
21	prat0153	1
22	Inner welding plate 1	1
23	Connector	1
24	Machine feet flat iron	2
25	GB_FASTENER_WASHER_SW 12	26
26	Right side of the rack1	1
27	Base plate locking hand wheel M12	4
28	Heating plate four corner pad 8	4
29	Rack base reinforcement 1-1	2
30	Adjustment hand wheel M10	4
31	50 Urethane	2

Serial No.	Part Name	Qty
32	GB_FASTENER_WASHER_PWNA 12	27
33	25 Open slider	4
34	Front sealing plate 1	1
35	Conical machine feet	2
36	Drawing board stiffener	2
37	40 Heating pipe 1020	9
38	Stiffener 40	1
39	Draw-out Bottom plate 1	1
40	25 Chrome rod	2
41	Adjustment board	1
42	Big handle	1
43	Pure aluminum plate heating plate 80100	1
44	Both sides sealing plate 6	2
45	Insulated plastic ring	4
46	12 Aluminum 1	2
47	Trunking cover X	2
48	GB_FASTENER_WASHER_SMWC 16	12
49	X2_00D7_X0 X2_00DC_X0 X2_00BF_X0	1
50	Bend based plate	1
51	Recycled cotton 50	1
52	Adapter plate pad 40	6
53	60X40 Blue compression spring	6
54	Both ends Heat insulation panels	1
55	GB_HEXAGON_TYPE21M16X55-48-N	6
56	Modify Rear cover 40	1
57	Adapter board 1	1
58	Adapter board 2	1
59	GB_SPECIAL_TYPE18 M10-N	10
60	M16X100 Screw	6
61	Upper and lower rails 32	2

Circuit Diagram



Warranty Statement

JOTO warrants to the original purchaser JOTO's E-HP-JLF-3243 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.**

JOTOTM

The logo features the word "JOTO" in a large, bold, black serif font. A red swoosh underline is positioned beneath the letters, starting under the 'J' and extending to the right under the 'O'. A small "TM" trademark symbol is located to the upper right of the 'O'.

Bringing images to lifeTM

www.jotoimagingssupplies.com

Tel: 1-800-565-5686

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