

Joto Manual Shuttle Press Manual

Model No.: E-HP-JAR-DS-1620

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.



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

Congratulations on your purchase of a Joto Manual Shuttle 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

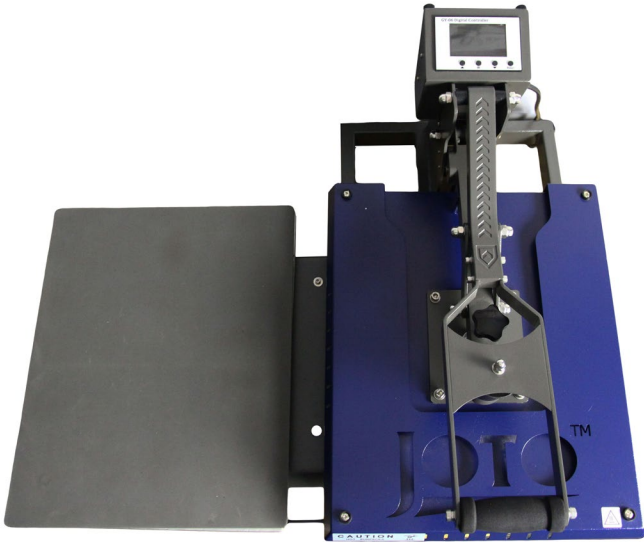


Technical Specs

Model No.:	E-HP-JAR-DS-1620
Machine Type:	Manual Shuttle Press
Machine Size:	34.5" x 29.5" x 14" (87.63cm x 47.93cm x 35.56cm)
Heat Press platen Size:	16" X 20"
Maximum Thickness:	1.20" (30mm)
Controller	GY-06 Digital Controller
Voltage:	120V 14amp
Power:	1500W
Time Range:	0-999 Seconds
Maximum Temp:	410°F (210°C)
Packing Size:	39.76" x 34.64" x 22.8346" (101cm x 88cm x 58cm)
Gross Weight:	209lbs (95kg)

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



TOP VIEW



FRONT VIEW

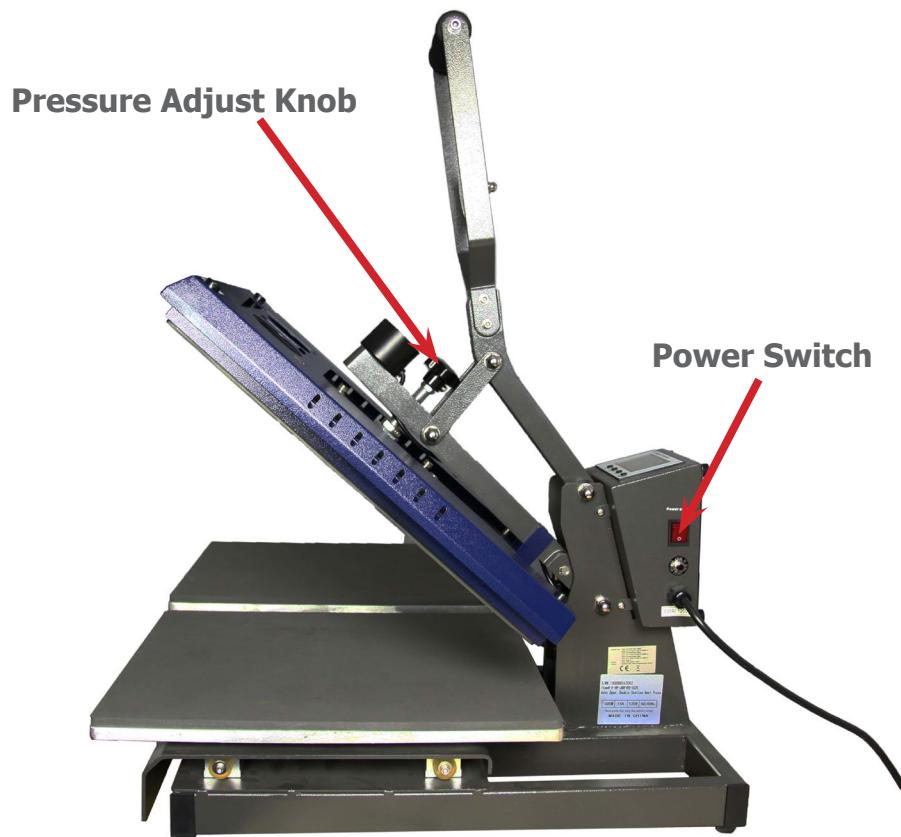
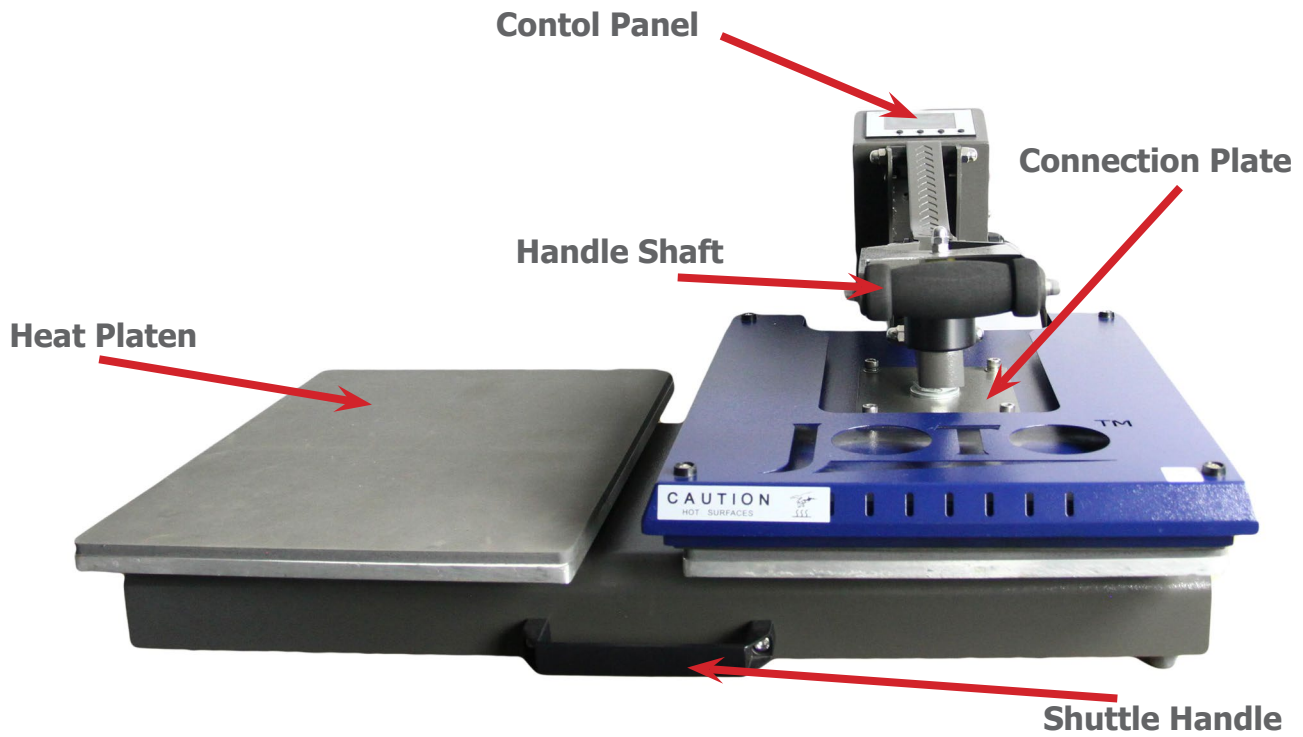


LEFT VIEW



RIGHT VIEW

Machine Parts Diagram

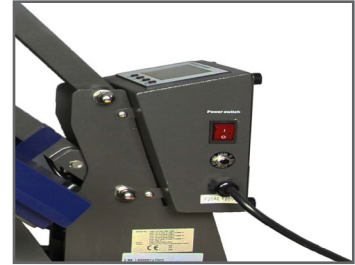


Setting Up Your Heat Press

Turning On Your Heat Press

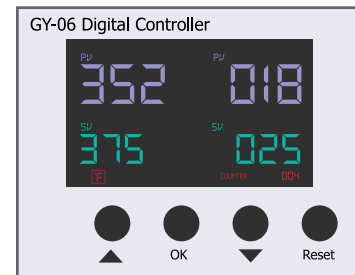
Turn the Main Power Switch on. The Main Power Switch is at the side of the heat press.

Current temperature, set temperature, current time, set time will display.



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 OK to start. Use the up and down arrows to choose to display in °F or °C.

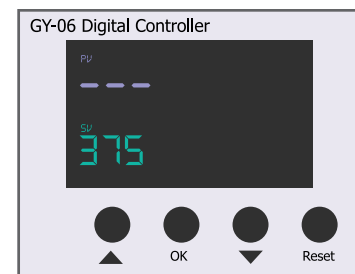
°F stands for Fahrenheit

°C stands for Celsius

Once selection is made, press ok to save

Green set temperature value will flash.

Use the up and down arrows to set press temperature value. Press ok to save



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

Setting Press Time

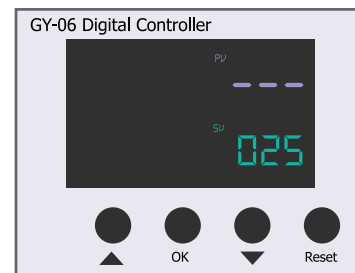
Green Set Time Value will flash

Use the up and down arrows to change the value.

Press ok 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 T-shirt

- 1.) Turn on the Main Power Switch
- 2.) Set the appropriate Press Temperature, and Time as per your transfer vinyl or sublimation instructions.
- 3.) Place your t-shirt on the heat press.
- 5.) Set the pressure by adjusting the air pressure adjust knob.
- 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. If unsure, please refer to the instructions you received with your transfer materials.
- 7.) Slide the heat platen towards the base plate you are pressing. Press the two start switch buttons to close the press. Once press is closed 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. Once time reaches zero, the press will open. Slide the heat platen over to press on the next plate.

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

Operation of throttle valves:

On the right side of the press head there are two silver screws where the speed of the press opening and closing can be adjusted. Tightening the top screw (turning clockwise) will decrease the speed the press opens. Tightening the bottom screw (turning clockwise) will decrease the speed the press closes. Loosening the screws (turning counter clockwise) will increase the speed. Adjust accordingly.

Heat Press 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



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

Heat Press 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.

The heat-releasing fan will automatically starts when the temperature of heat platen reaches 80 degree C (176 degree F). It helps to reduce the temperature of electrical parts and prolong the service life of them.

Heat platen may pivot slightly back and forth. This is due to movement allowance within the clamp assembly, and is normal.

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.

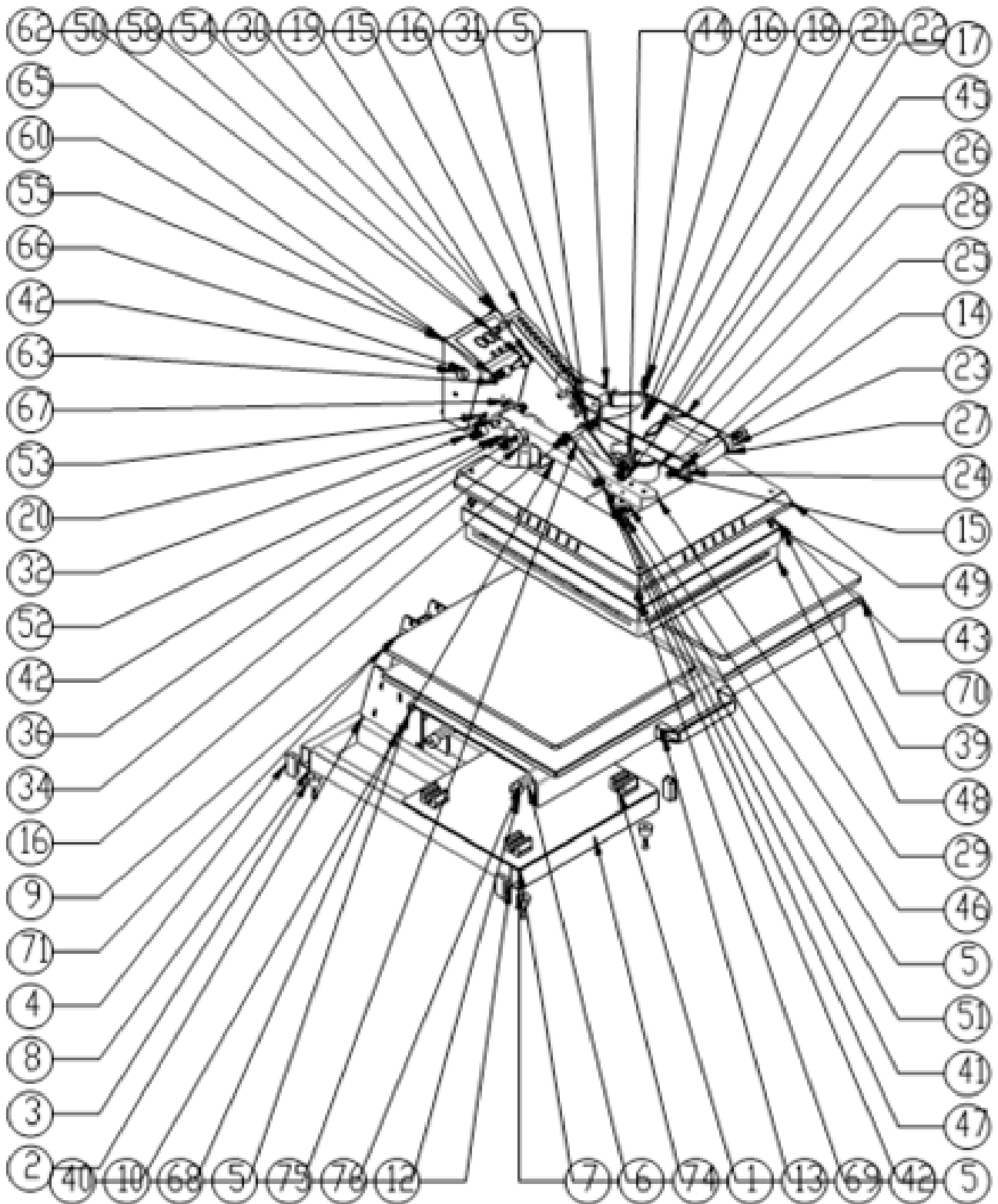
When changing parts, turn off the power, To ensure the accuracy of GY-06 controller, rest time and temperature.

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.

Expanded Diagram

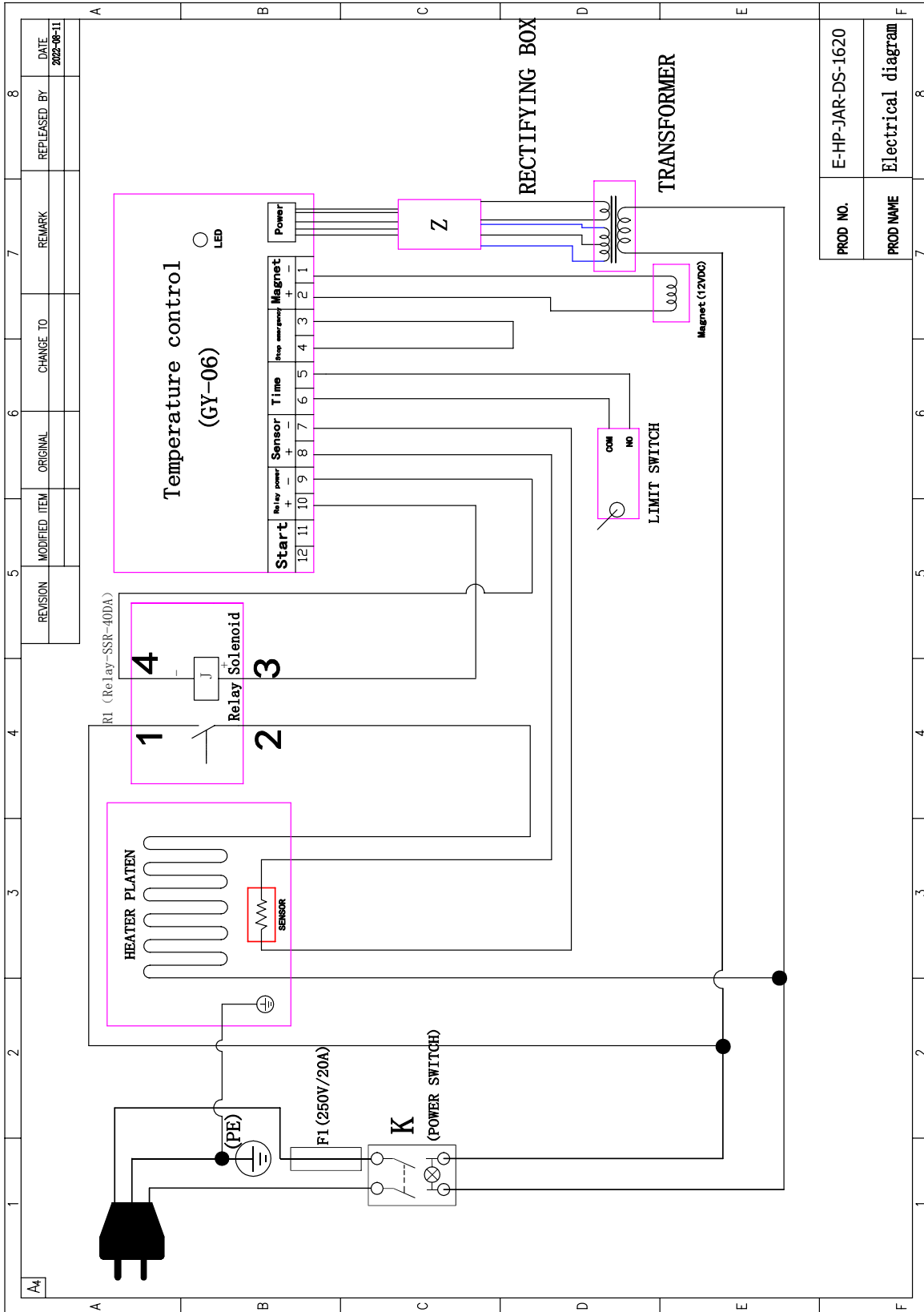


Expanded Diagram

Serial No.	Part Name	Qty
1	Flat Pipe on Under frame	2
2	Pillar Plate Left and Right	2
3	Tapered Machine Leg	4
4	Square Block	4
5	GB Hexagon Type 22 M8*25-N	12
6	Bottom Plate	1
7	Front Flat Pipe For Machine Frame	1
8	Square Pipe of base plate support	1
9	Pillar Junction Plate	1
10	Pillar Intermediate Strengthen Plate	2
11	Flat Pipe	2
12	Flat Pipe	2
13	Ringent Slider	4
14	GB Cross Screws Type 142 M8*25-N	6
15	GB Fastener Washer SW 8	11
16	GB Fastener Washer SWMC 10	24
17	Electromagnet plate	1
18	GB Fastener Nut LN M8-N	1
19	Arm	1
20	Ball Bearing	8
21	Mat for Electromagnet plate	1
22	GB Fastener Nut SNAB1 M4-N	2
23	Left and Right Handle Plate	1
24	Left and Right Handle Plate	1
25	Handle Spindle	1
26	Handle Arched Plate	1
27	Handle	1
28	Electromagnet	1
29	Alum. Arm	1
30	Post Bolt	2
31	Arm Bolt	2
32	GB Hexagon Type 9 M10-N	8
33	Fixed Head for Gas Spring	1
34	Fixed Base for Gas Spring	1
35	Round steel for Fixing Gas Spring	1
36	Round steel for Fixing Gas Spring	1
37	Steel for Gas Spring Distance	2
38	Steel for Gas Spring Distance	2

Serial No.	Part Name	Qty
39	Cover Plate	1
40	Heat Plate	1
41	Pinboard	1
42	GB Gross Screws Type138 M4X12-N	10
43	Heat-insulating Plastic Ring	4
44	Adjusting Handle	1
45	Adjusting Screw Rod	1
46	Adjusting Nut	1
47	Gasket	1
48	Heat Plate	1
49	400X500	1
50	Cover for Handle	4
51	Connection Strap	2
52	Limit Switch	1
53	Controller Panel	1
54	Right Plate of Controller Box	1
55	Left Plate of Controller Box	1
56	Power Cord Holder	1
57	Power Switch	1
58	Back Plate of Controller Box	1
59	Transformer	1
60	Handwheel screw	4
61	GB-Fastener Nut Snc1 M5-N	4
62	Controller	1
63	GB Cross Screws Type135 M3X6 N	4
64	prat0157	1
65	Electromagnet Drive Plate	1
66	Emergency Stop Switch	1
67	Relay	1
68	Fixing Frame of Base Plate	1
69	Big Shake Handshandle	1
70	Base Plate	2
71	Silicone Pad	2
72	Cushion Column of Base Plate	8
73	Reinforcing Rib of Slider Board	4
74	Chrome-plated Pole	2
75	Aluminium Rod	2
76	Anti-collision Adhesive	4

Circuit Diagram



Warranty Statement

JOTO warrants to the original purchaser JOTO's E-HP-JAR-DS-1620 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 for JOTO 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'.

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www.jotoimagingssupplies.com

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