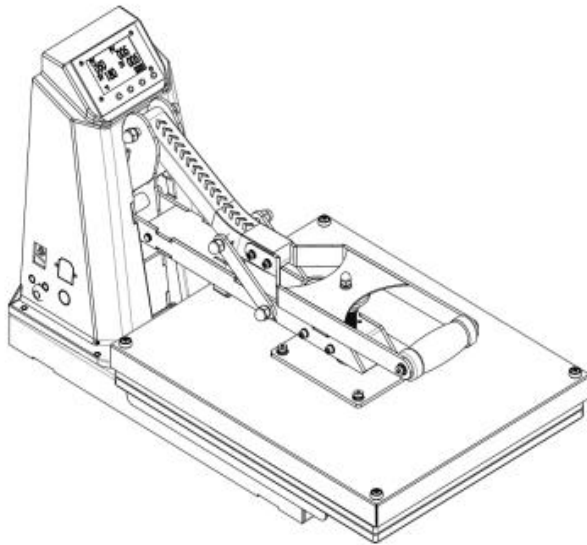


Digital High Pressure Heat Press Manual

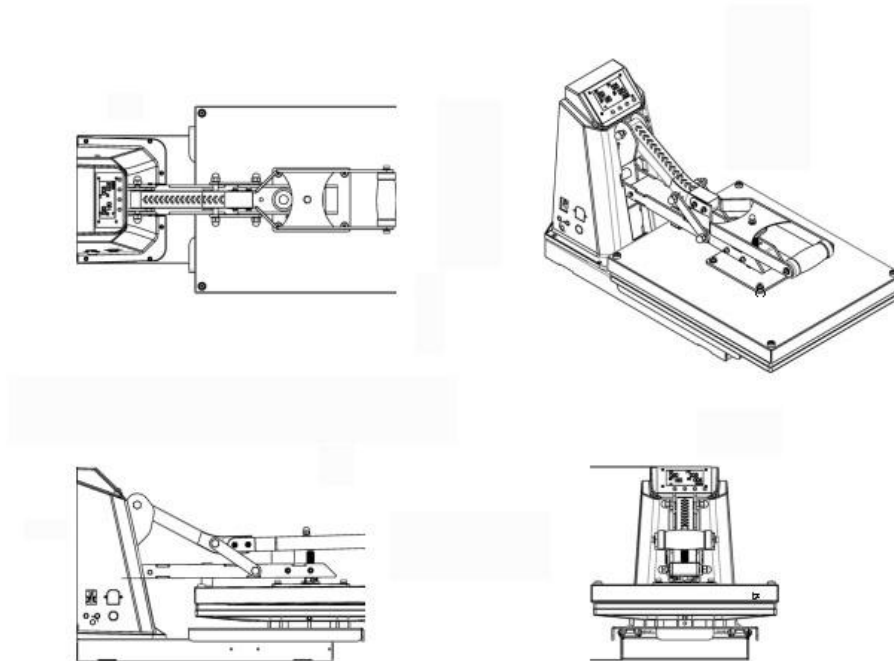
Model NO.: AHP-15/20/24/MS



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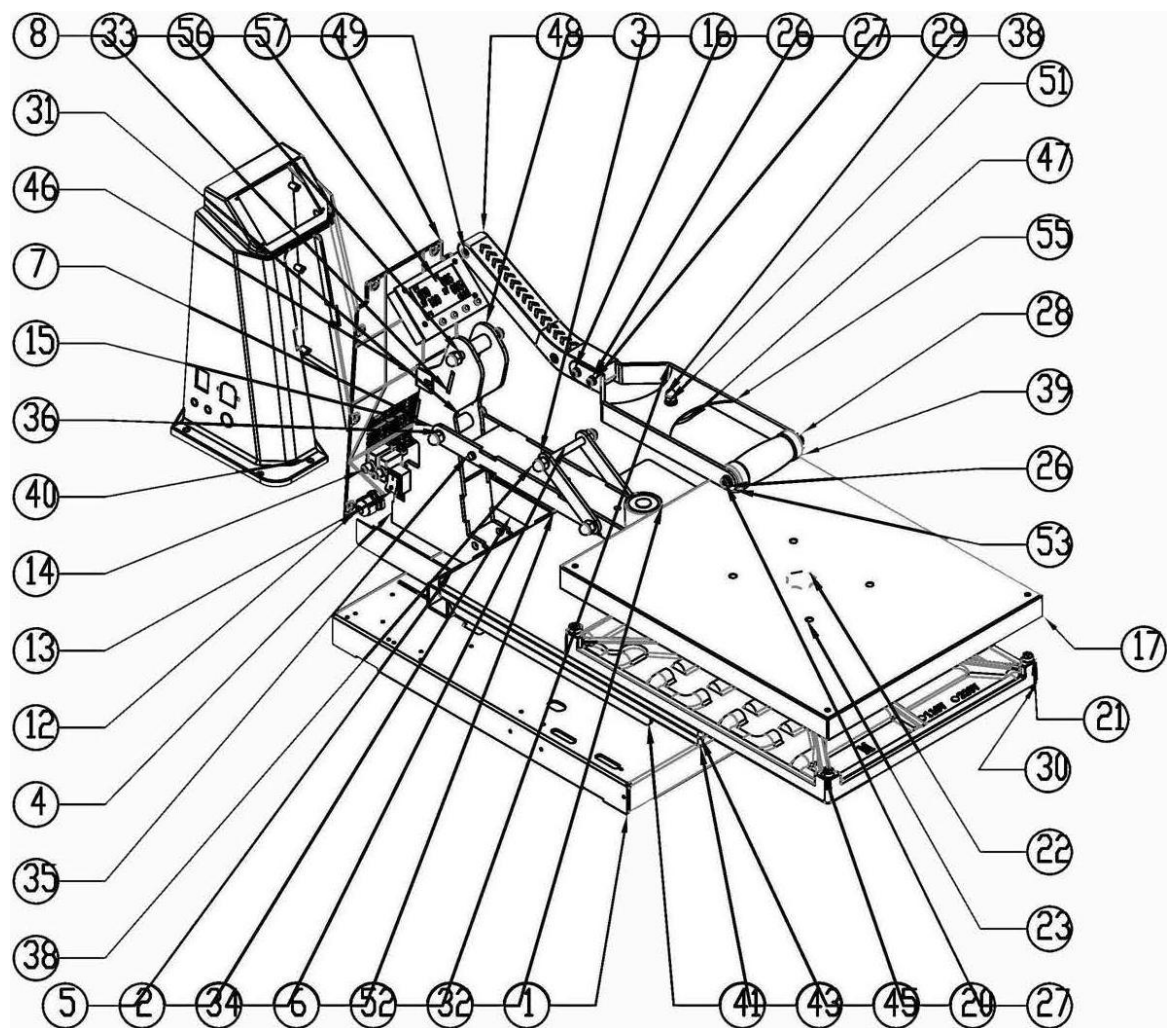
I. Assembly Drawing



II. Technical Parameters

1. Model No.: AHP-15/20/24/MS
2. Machine Dimension: 410*769*423mm
3. Heat Platen Size: 38*38cm, 40x50cm, 40x60cm
4. Printable Articles Max Size: 400*600*20mm
5. Voltage: 220V/1Phase; 110V/1Phase
6. Power: 220V/1.8KW; 110V/1.6KW
7. Recommend Setting: 30~280s; 180~200°C
8. Time Range: 0~999s
9. Maximum Temp: 225 C°
10. Packing Size: 75.5*70*57.5cm (for AHP-20)
11. Gross Weight: 53.1kg (for AHP-20)

III. Explosion View

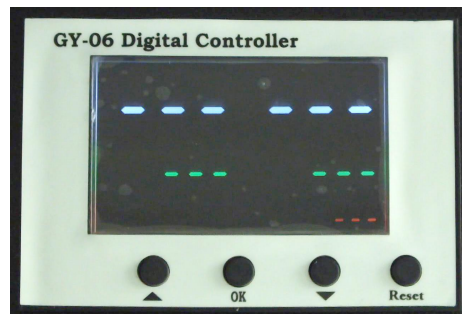


Number	Project	QTY	Number	Project	DES	QTY
1	Base plate	1	31	Handle intermediate spacer sleeve		2
2	Reinforcement plate	2	32	Electromagnet		1
3	Right side panel of column	1	33	Column activity latch		2
4	Left side panel of column	1	34	Connection piece movable fixed shaft		2
5	Strengthen the machine	1	35	Pneumatic spring pin shaft		1
6	Strengthen the machine	2	36	G6B_ROUND_IJASHERS_TYPE7		10
7	Column stiffening plate	1	37	GBFASTNER_ S CREV/ S _H SH C		2

8	Strengthen the arrow board	2	38	GB_FASTENER_NUT_LN MB-N		9
9	Pull the bottom plate of the slide rail	2	39	Handle		2
10	Slide rail intermediate plate	2	40	The electric box		1
11	Center plate of slide rail	2	41	Smoked pull board		1
12	Electric shock line	1	42	Replace floor work		1
13	Cabin switch	1	43	Die casting base plate		1
14	Breaker	2	44	Replace the base plate		1
15	Modifv weldini boom welding	1	45	Silicone Pad		1
16	Connecting piece	2	46	Fixed plate of wire row		1
17	Cover	1	47	Electromagnet plate moon		1
18	Heating plate	1	48	lazy Arm		1
19	Adapter plate	1	49	ball bearing		4
20	HG6BI1C14R-OSN S_SCREIJS_ TYPE138	4	50	Electromagnet pad foot		1
21	Plastic insulation ring	4	51	GNB_FASTENER_NUT _SNAB! M 4-		1
22	Adjusting handle	1	52	Left and right handle plate		1
23	Adjustment screw	1	53	Left and right handle plate		1
24	Adjusting nut	1	54	Handle shaft		1
25	Gasket	1	55	Handle arc plate		1
26	GB_FASTENER_ IJASHER_SIJ 6	10	56	Control		1
27	GCB6 FASTENER_ IJASIER_SMIJ	11	57	Plastic back cover for new high-pressure machine		1
28	GB CROS S - S CRE'v/S TYP E142	6				
29	GNB_HEX ON_ TYPE22 M 6N	6				
30	Die cast heating plate	1				

IV. GY06 Digital Controller Operation Process

1. Set temperature required



Turn on power switch, temperature light is ON. The digital display shows as above.



Press button, the light is on (C denotes Celsius). Press arrows "△" or "▽" to select "°C" or "°F" (F denotes Fahrenheit) according to your habits.

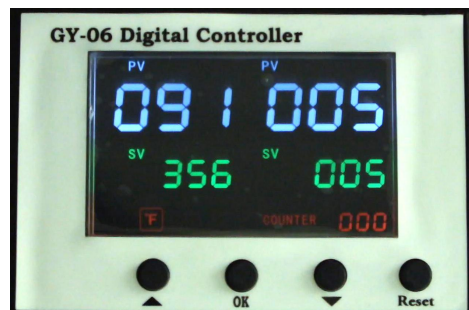


Press button, the temp light is on. Select with arrows the temperature according to different transfer material (Normally 180°C~200°C)
SV: Set temperature
PV: Current temperature

2. Set time required



Press button after temperature setting and the time light is on. Select with arrows the time according to different transfer material.
SV: Set temperature
PV: Current temperature



Press button to operating mode. Counter is "transfer cycle", from 0~999. Press "Reset" for 5 seconds to make the counter to be "0".

NOTE: Please do as follow:

- 1) When SV and PV has a big difference
- 2) When the temperature shows on the display is not the same as actual temperature on heat platen



When SV and PV has a big difference, press  button for 5 seconds, and press  button again to adjust the temperature. If SV&PV has difference of 20 degrees, Press arrows “△” or “▽” to set to 20.



When the temperature shows on the display is not the same as actual temperature on heat platen, press  button for 5 seconds to reset mode:

- ① When display shows 200°C, the actual heat platen temperature is 170 °C, Press arrows “△” or “▽” to set to 30.
- ② When display shows 200°C, the actual heat platen temperature is 230 °C, Press arrows “△” or “▽” to set to -30

V. Maintenance

1. In order to prolong the machine service life, please add the lubrication oil on the joints regularly .
2. Turn off the power before changing spare parts. In order to ensure the accuracy of the parameter of GY-04 controller, please re-set the time and temperature. To avoid damage, please keep the heaters well when change the spare parts.

VI. Trouble Shooting For Transfer Print Quality

1. After changing heater, time and temperature showing become abnormal: Solution: Reset time/temperature according to the manual
2. If the color is not as bright as photo after printing, please try below ways: Solution: A. Adding transfer time. B. Increasing transfer temperature.
3. If the print color is too brown or the transfer paper is almost burnt: Solution: Please reduce the setting temperature.
4. If print color is different/ partial transfer effect is not good enough: Solution: A. Increase the pressure. B. Extend the transfer time. C. Change the sublimation paper. If the machine is getting abnormal, please contact us to solve the problems.

VII. Circuit Diagram

