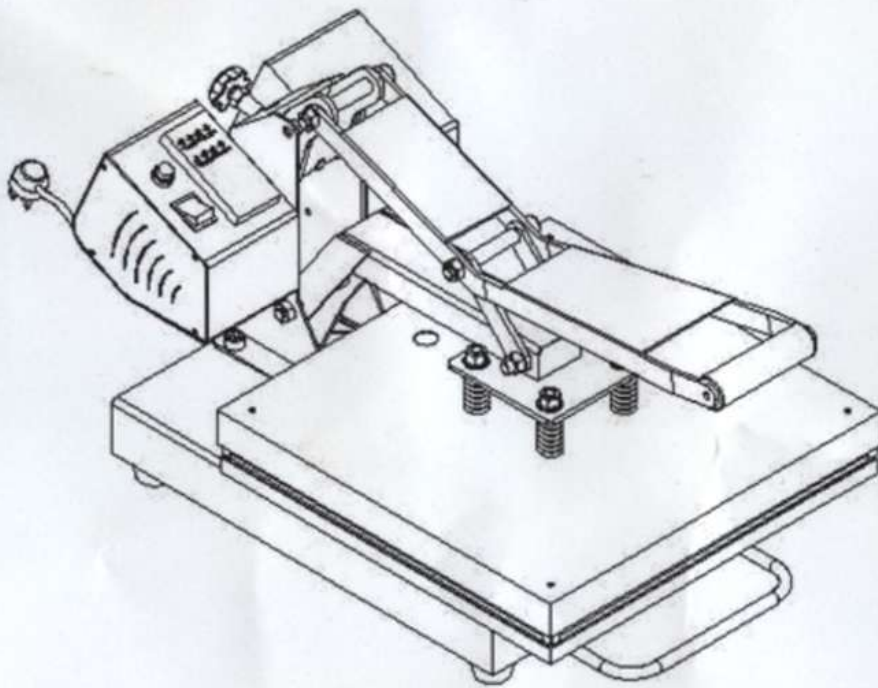


Clamshell Heat Press Manual



Model: TH38DB/TH45DB/TH46DB

Content

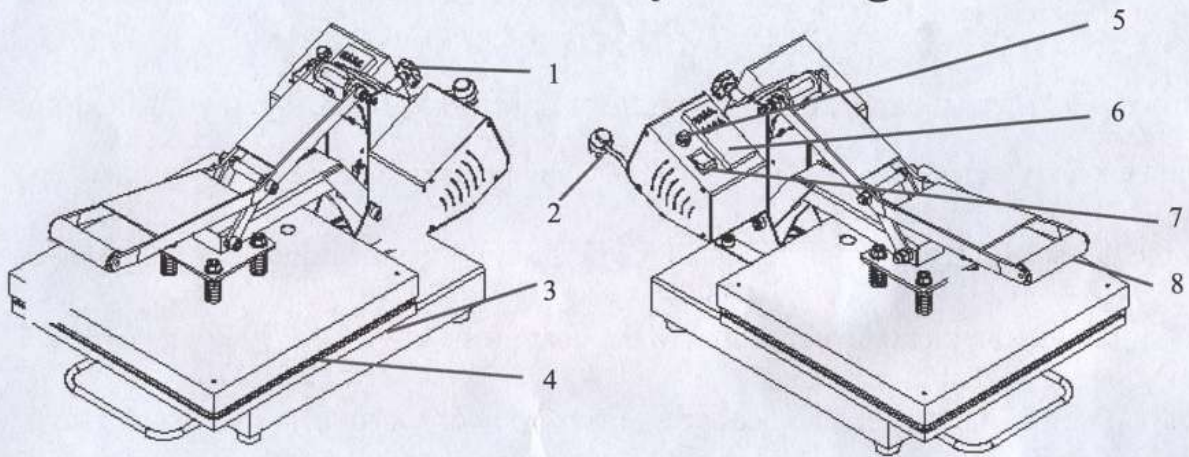
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I .Notice

Please read these instructions and safety precautions carefully before using your heat press.

- Never touch the heat platen surface with your hands when press is switched 'ON' and heat up -
DANGER OF SEVERE BURNS!
- Never open the housing or try to repair the machine personally; the machine needs to be sent back for repairing.
- Prevent the liquids and the metal object from dropping into the heat press.
- Ensure that the power socket is grounded.
- Note: It is only permissible to operate a heat press from a power socket protected by a ground fault protection switch.
- Disconnect the power plug if the machine is not being used for a long time.
- Never operate the heat press within the reach of children and leave the machine unsupervised when switched "ON"
- Never use the machine in a moist place.
- Never use scouring sponges, solvents or gasoline to clean the machine.

II.Assembly Drawing



1. Pressure adjust screw

2. Power line

3. Heater

4. Silicon pad

5. Fuse

6. Timer and temperature controller

7. Switch

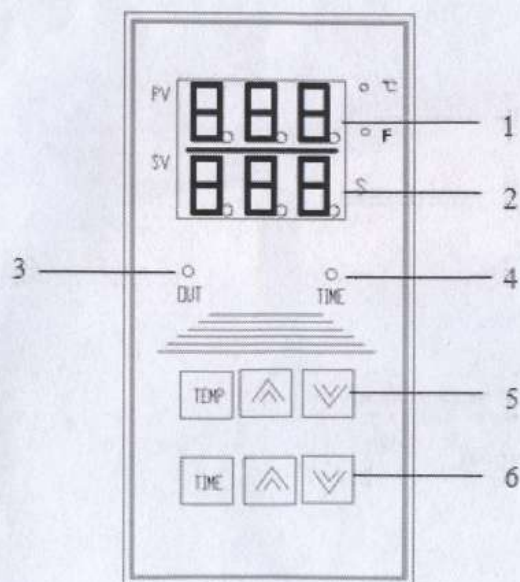
8. Hand shank

III.Specification

- 1.Type:flat plate type
- 2.Voltage: 110V/220V \pm 10%
- 3.Power: 1.4-2.5KW
- 4.Temperature: 0~300℃(Suggested max heat temperature:250℃)
- 5.Temperature range: 0-999 Seconds
- 6.Gross weight: 30kg (TH45DB: 48kg) (TH46DB: 55kg)
- 7.Max print size:38×38cm(TH38DB)
40×50cm(TH45DB)
40×60cm(TH46DB)
- 8.Digital display
- 9.Automatic digital buzzer timer
- 10.Fuse protection

IV. Operation

1. Temperature and Time setup



1. Temperature screen
2. Time screen
3. Temperature light
4. Time light
5. Temperature control button
6. Time control button

Operating Instructions

1. Turn on the switch, machine connect power with buzzer a times, showing temperature and time. the OUT light keep lighting.
2. Press TEMP button, the temperature screen flash, change the temperature through up and down key.
Press TEMP button again to fix the temperature you want.
3. Press TIME button, the time screen flash, change the time through up and down key.
Press TIME button again to fix the time you want.
4. When the heater temperature up to the setup temperature , the OUT light crush out.

2. Printing steps

Taking the white chemical fiber cloth as an example

1. Feed material into inkjet printer, be sure printing on the printable side(white matt coated side).
2. Design you image and invert it ,printer setting use Photo Quality or Best Quality print mode .
3. Lift up the press handle, and turn on the power. The press should always be in the open position when heating it.
4. Setting temperature and time.(Refer to Quick reference guide VII)
5. Press will keep in the constant temperature when rising to the idea temperature. Put the cloth on the silica pad with the side you want to transfer facing up and smooth out all wrinkles to preheat for 5 second.
6. Place on fabric with image face down.
7. Lay down the grip to start the transfer ,meanwhile the timer will count automatically.
8. While time is up, the buzzer will sound .
9. Lift up the press handle again, take out the cloth and peel the paper. (peel warm or peel cool refer to transfer paper instruction

Note:

1. Idle heating do not over 0.5hours.
2. For better using of the heat press, please set temperature no more than 220 degrees C (430 degrees F).
3. Wait 3 or 5 minutes to dry the picture after printing, let the ink penetrate into the paper.
4. Insert a sheet of cardboard inside the T-shirt while printing thin fabric cloth or printing both side of the T-shirt.
5. Always test on a fabric swatch prior to production, especially on heavily treated fabrics.

V. Maintaining

- 1). In order to prolong the machine service life, please add the lubrication oil regularly on the joints.
- 2). In order to keep the heat platen's good transfer effect, you need to protect the heat platen carefully whenever you are using it or not.
- 3). If you are not able to solve the electrical parts problem, please kindly contact the supplier and get technical support .

VI. Troubleshooting

Why the print color is pale?

- 1.The temp is too low.The pressure is not correct.
- 2.The temp is correct but the press time is not enough.

Why the print color is too brown or the transfer paper is almost burnt?

- 1.The temp is too high, reduce the temp setting.

Why the print is blurring?

- 1.Too much pressure time cause proliferation.
- 2.The picture element of the printing is too low.
- 3.Printer setting is incorrect,the image requirements should be photo mode.
- 4.The paper move after pressing, use heat-resistant tape to fix the edges of the paper

Why partial transfer effect is not good enough?

- 1.The pressure and transfer time is not enough.
- 2.The transfer paper quality is too poor.

Why the transfer paper stick to the substrate after transfer?

- 1.The temp is too high.
- 2.The ink quality is poor.

Why the color of the cloth is fading after washing?

- 1.The transfer paper is applied with inadequate pressure.
- 2.The ink quality is poor.
- 3.Wait 24 hours before washing, take garment inside out to wash it.

VII. Reference Guide

| NO. | Material | temperature | Setup time |
|-----|---|-------------|------------|
| 1 | Cotton T-shirt(Using light heat transfer paper) | 190℃~200℃ | 20s-25s |
| 2 | Cotton T-shirt (Using dark heat Transfer paper) | 165℃~180℃ | 20s~30s |
| 3 | Chemical fabrics (using dye Sublimation Paper) | 175℃~180℃ | 35s~40s |
| 4 | PU Heat Transfer-film | 190℃~200℃ | 25s~30s |
| 5 | Mouse Pad | 180℃~190℃ | 30s~40s |
| 6 | Paper Puzzle | 180℃~190℃ | 150s-180s |

All technical information and recommendations are based on tests we have conducted.

Users should conduct their own tests before proceeding.

VIII. Temperature Conversion Table

| Fahrenheit | Celsius | Fahrenheit | Celsius |
|------------|---------|------------|---------|
| 250 | 121 | 350 | 177 |
| 255 | 124 | 355 | 179 |
| 260 | 127 | 360 | 182 |
| 265 | 129 | 365 | 185 |
| 270 | 132 | 370 | 188 |
| 275 | 135 | 375 | 191 |
| 280 | 138 | 380 | 193 |
| 285 | 141 | 385 | 196 |
| 290 | 143 | 390 | 199 |
| 295 | 146 | 395 | 202 |
| 300 | 149 | 400 | 204 |
| 305 | 152 | 405 | 207 |
| 310 | 154 | 410 | 210 |
| 315 | 157 | 415 | 213 |
| 320 | 160 | 420 | 216 |
| 325 | 163 | 425 | 218 |
| 330 | 166 | 430 | 221 |
| 335 | 168 | 435 | 224 |
| 340 | 171 | 440 | 227 |
| 345 | 174 | 445 | 229 |