USER MANUAL

Heat Press Machine



Instructional video

National Chengchi University

Makerspace | 2023

INTRODUCTION

This process involves transferring images onto various items through high temperature and high pressure. Items suitable for transfer include mugs, canvas bags, T-shirts, hats, and more.

Machine Operation Procedure:

- 1. Print the image using heat transfer ink and heat transfer paper.
- 2. Stick the printed image onto the item using high temperature tape.
- 3. Place the assembly into a mold.
- 4. Adjust temperature and time.
- 5. Press down the handle to complete the printing process.

Print out the graphic



Cut the graphic into a appropriate size, and stick it with high temperature tape onto the item



Test mold pressure



Adjust temperature and time



PRINTING INSTRUCTIONS

PAPER

(1)Linen and cotton:

- transfer paper for light fabric
- (2Polyester:
- tranfer paper (general)

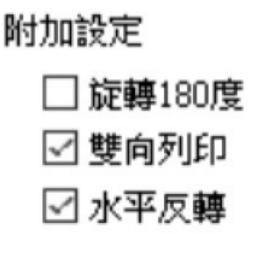
SETTING (WORD)

- (1) Adjust the size of the graphic.
- (2) printing setting:
 - Chose the printer SC
 F100Series quality high
 - Horizontal flip

PRINTING INSTRUCTIONS







Print out the graphic



Cut the graphic into a appropriate size, and stick it with high temperature tape onto the item



Test mold pressure



Adjust temperature and time



Print out the graphic



Cut the graphic into a appropriate size, and stick it with high temperature tape onto the item



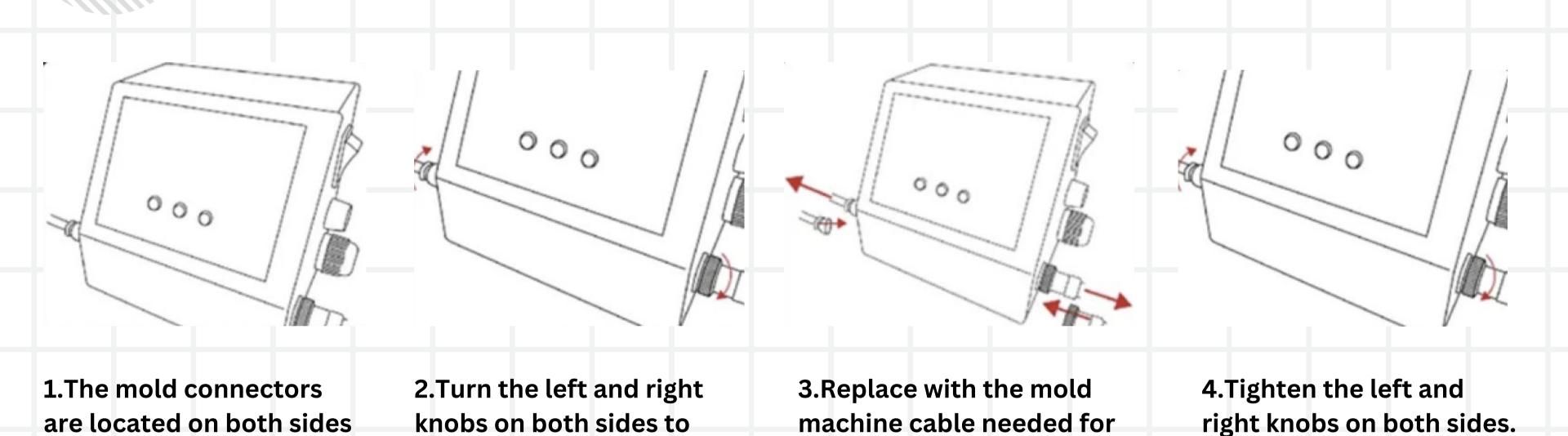
Test mold pressure



Adjust temperature and time



CHANGE THE MOLD



5.Loosen all the knobs, change the heat mole, then tighten knobs.

use.

of the machine.

open.

MOLD PRESSURE TEST

Place the printed item / clamp it under/between the embossing plates.



Pull the handle down completely for testing.



If unable to press down or if unable to tighten completely, adjust the machine's pressure knob.



Repeatedly test until the pressure is sufficient to firmly press the printing material.



Put the item on the heat press and press down the handle to complete the heat transfer pocess

Print out the graphic



Cut the graphic into a appropriate size, and stick it with high temperature tape onto the item



Test mold pressure



Adjust temperature and time



Adjust temperature and time

Turn on the power Press "OK" Adjust temperature (\triangle/∇) , Press "OK" Adjust time(\triangle/∇), Press "OK" Waiting for the machine to reach at the goal temperature

Print out the graphic



Cut the graphic into a appropriate size, and stick it with high temperature tape onto the item



Test mold pressure



Adjust temperature and time



When the countdown ends, the process completed. be careful with the high temperature.