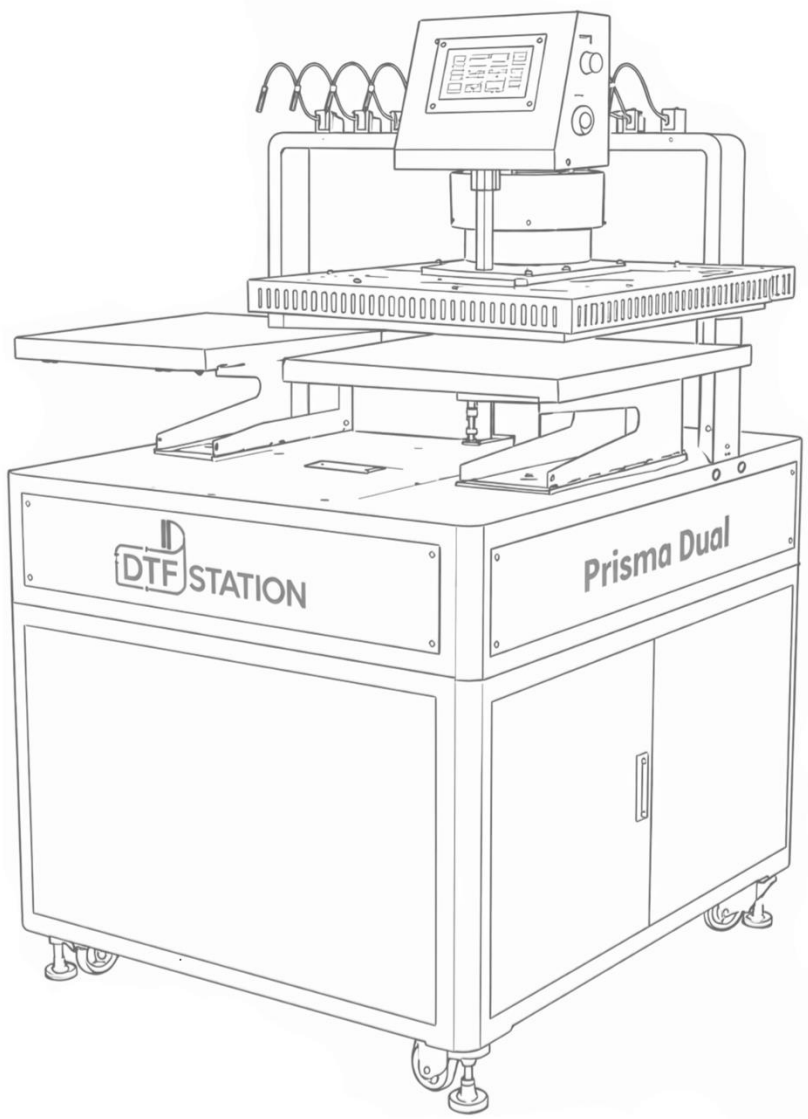
DTF STATION

## INSTALLATION & SETUP GUIDE

# PRISMA DUAL




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# Operation Manual

## Prisma Dual

## Heat Press Machine Safety Instructions

1. Read all instructions before operating this machine.
2. This heat press machine is intended for its designated use only.
3. Keep hands and body clear of all folding panels while the machine is operating. Failure to do so may result in personal injury.
4. Do not pull on the power cord to disconnect from the outlet. Always grasp the plug when unplugging.
   Do not operate the machine if the power cord is damaged, or if the machine has been dropped or damaged.
   Improper assembly or repair may increase the risk of fire, electric shock, or personal injury.
5. This machine is not intended for use by individuals (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless supervised by a person responsible for their safety.
6. Close supervision is required when children are near the machine. Never leave the machine unattended while it is connected to a power source.
7. Do not operate other high-power equipment on the same circuit to reduce the risk of overload.
8. When using an extension cord, arrange the cord properly to prevent pulling or tripping hazards.

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# Content

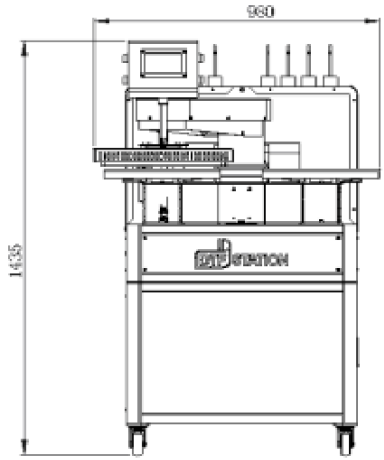
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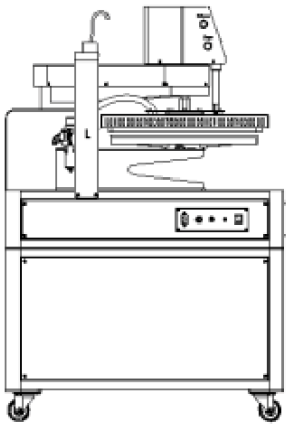
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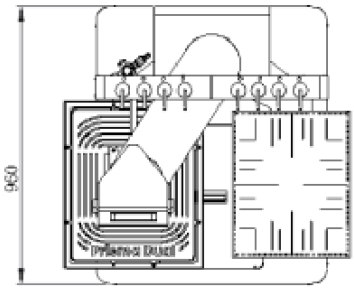


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# Technical Parameters






| | | |
|---|---|---|
| Model: | Prisma Dual | |
| Power: | 1830W, **16.64A**, **110V** | 1830W, **8.32A**, **220V** |
| Machine Size: | 144 × 91 × 96 cm (38.5″ × 37.8″ × 56.5″) | |
| Packing Size: | 161 × 110 × 100 cm (63.5″ × 43.5″ × 39.5″) | |
| Weight: | 456 lb (207 kg) | |
| Packing Weight: | 483.5 lb (219 kg)<br>with wooden crate and 12.5 kg air compressor | |
| Certificate: | CE,FCC | |
| Warranty: | 16 months (electrical components)<br>36 months (structural parts)<br>120 months (heating platen) | |



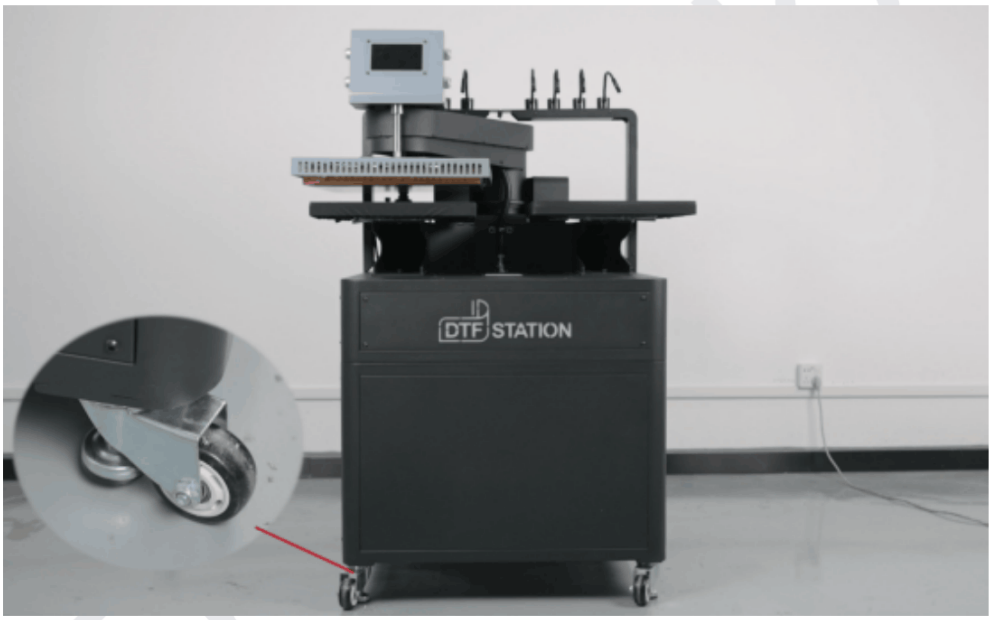
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# 1. Pre-Operation Preparation

## 1.1 Preparation Steps

### (1) Leveling the Machine

Adjust and lock all four leveling feet to ensure the machine is stable and properly balanced.




### (2) Retrieve Accessories

Remove the following items from the side storage compartment:

- Power cord
- Foot pedal
- Air hose



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## (3) Connections

Connect the components as follows:

- Connect the power cord to a properly grounded electrical outlet.



- Connect the foot pedal switch to the designated port.



- Connect the air hose to the built-in air compressor.

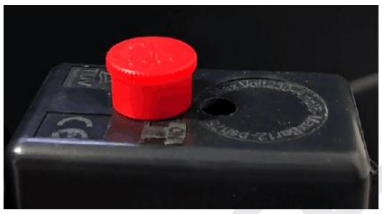


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## (4) Power On

1. Press the main power switch to turn on the machine.
2. Turn on the air compressor power switch.

| Air Compressor Power Status | |
|---|---|
|  |  |
| OFF | ON |

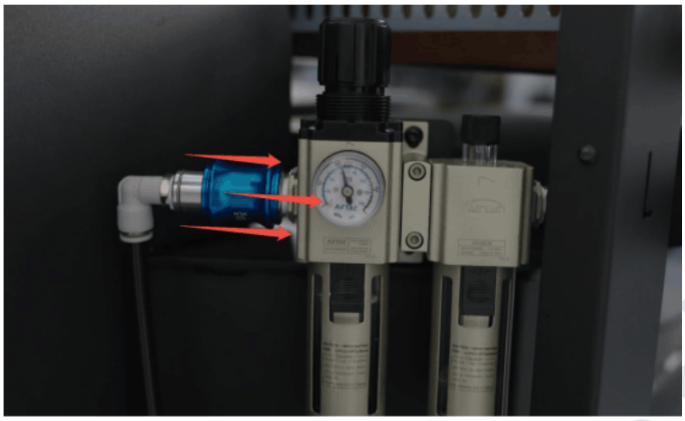
3. Open the ball valve.

| Air Compressor air hose status | |
|---|---|
|  |  |
| OFF | ON |



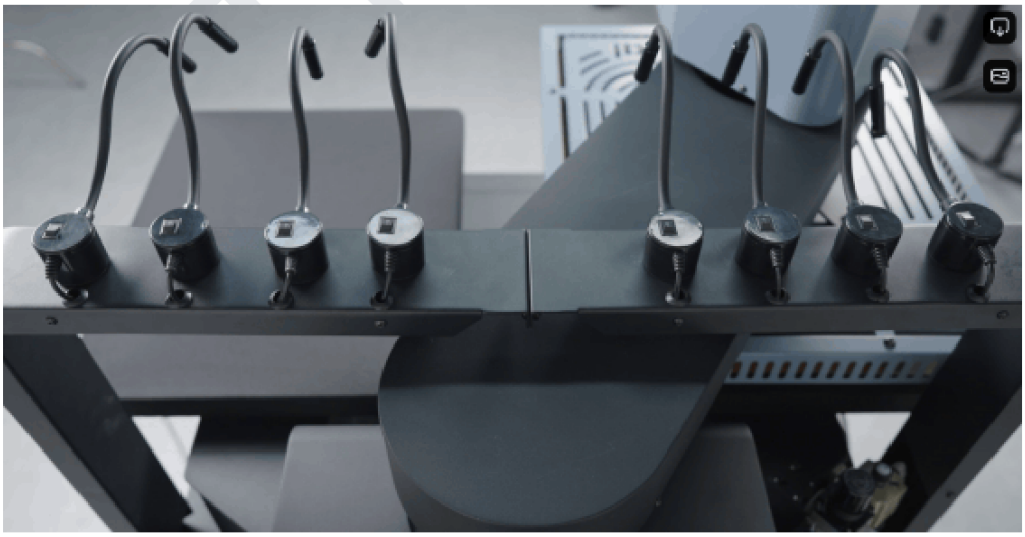
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4. Push the blue manual slide valve toward the pressure gauge until air pressure builds to the required level.

| **Turn Valve On** |
| --- |
|  |
| ON |

## 1.2 Laser Positioning Light Adjustment

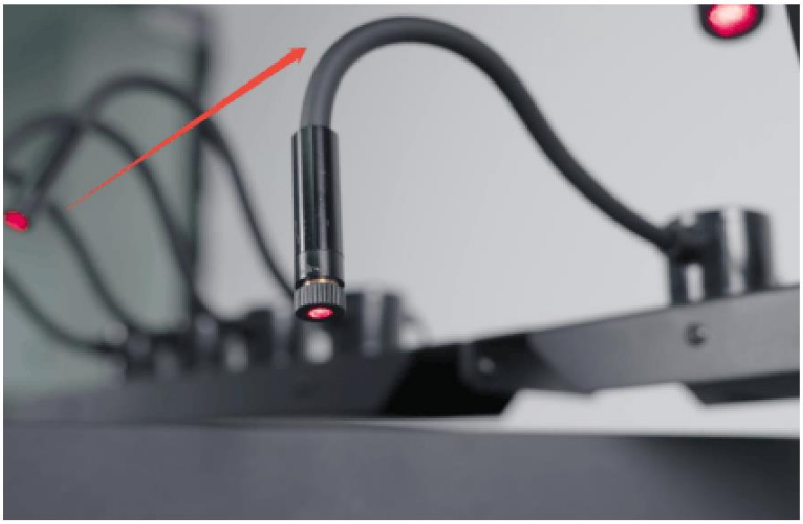
### (1) Positioning



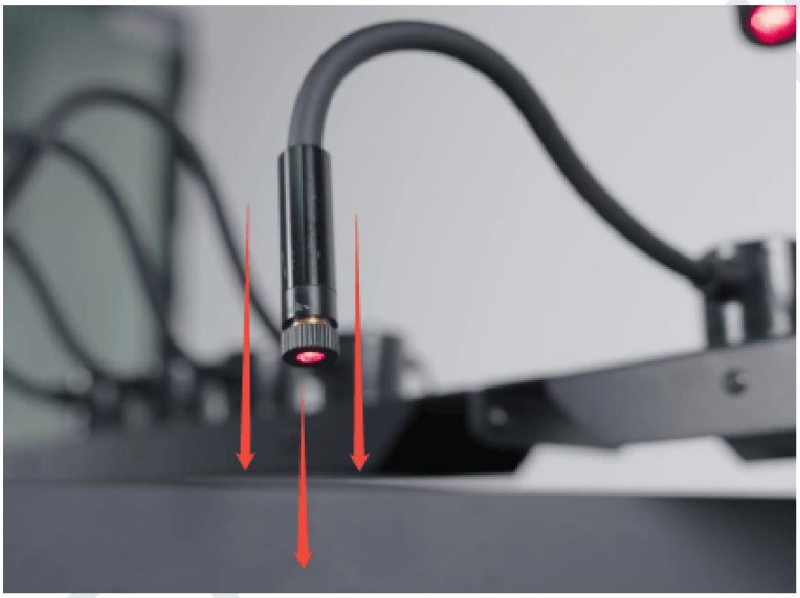
- Orient the flexible laser tube upward to prevent interference with the swing arm during operation



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- Tilt the laser head downward to avoid direct eye exposure.



- Rotate the laser head to focus the beam and adjust the line thickness as needed.



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## (2) Alignment

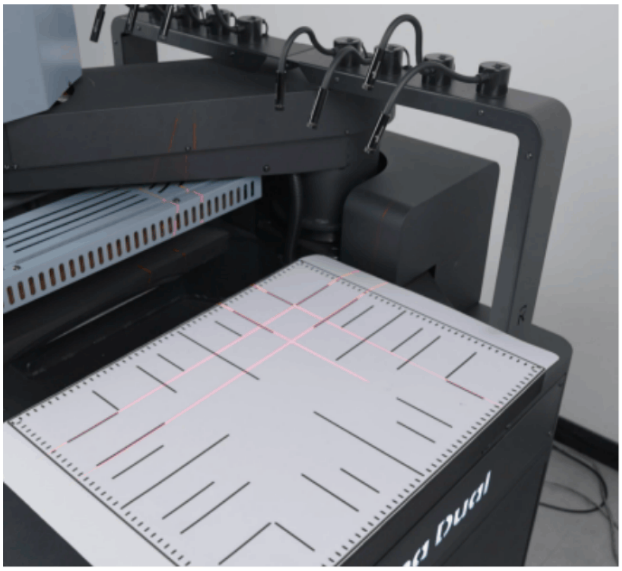
- Align the two outer laser lines with the vertical centerline on the positioning pad.



- Align the two inner laser lines with the horizontal centerline on the positioning pad.

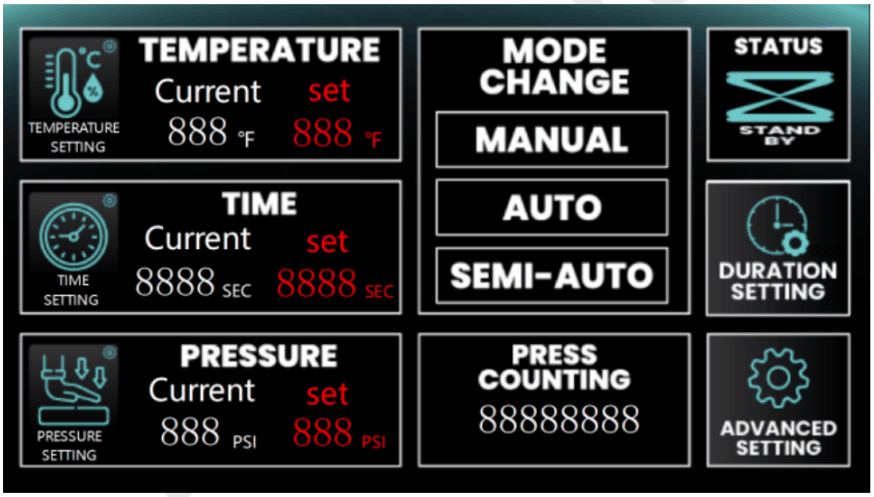


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## (3) Main Control Screen Overview

The main control screen displays the following information:




- Temperature, Time, and Pressure settings
- Work Mode: Manual / Semi-Auto / Auto
- Press Count
- Status Bar
- Duration Setting
- Advanced Settings



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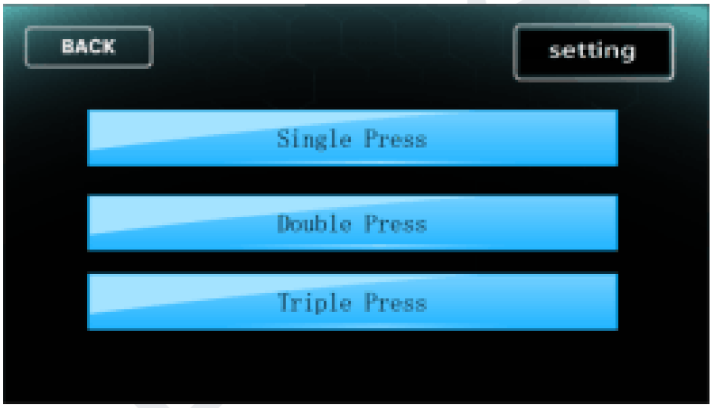
# 2. Operating Instructions

## 2.1 Setting the Temperature




1. Tap the **Temperature** field on the main screen.
2. Enter the desired temperature value.
3. Tap **Back** to confirm and return to the main screen.

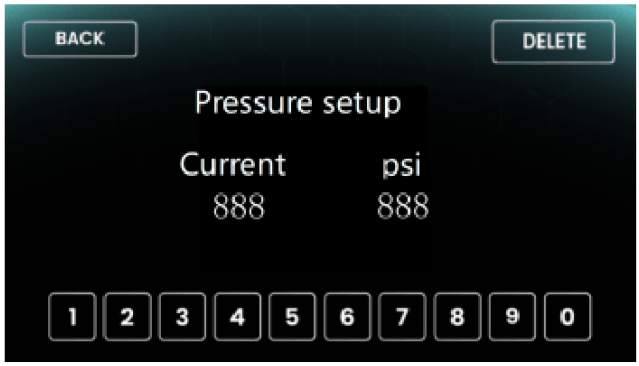
## 2.2 Setting the Press Time



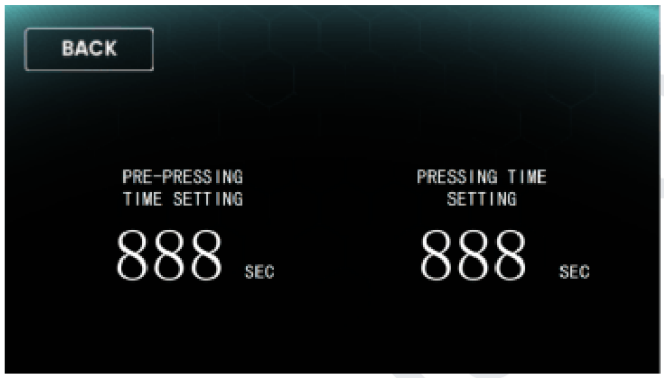

1. Tap the **Time Setting** icon or press the **SET** key.
2. Select the press mode:
    - Single Press



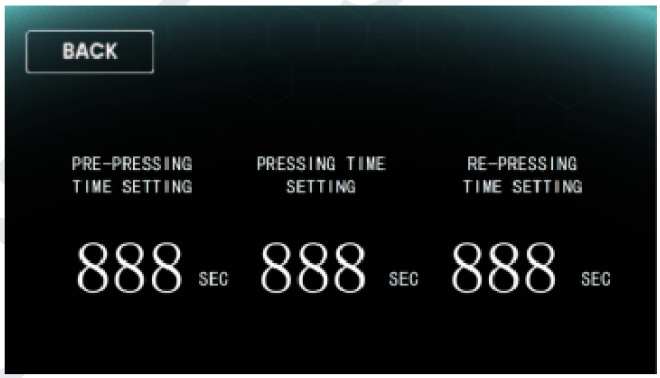
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- Double Press




- Triple Press




3. Adjust the press duration for each selected mode as required.

## Press Modes

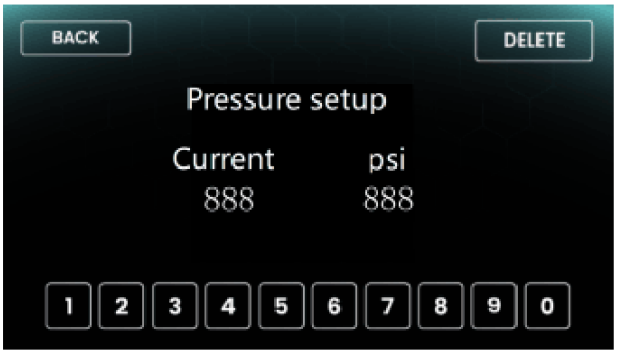
- **Single Press** – One press cycle per operation
- **Double Press** – Two consecutive press cycles
- **Triple Press** – Three consecutive press cycles



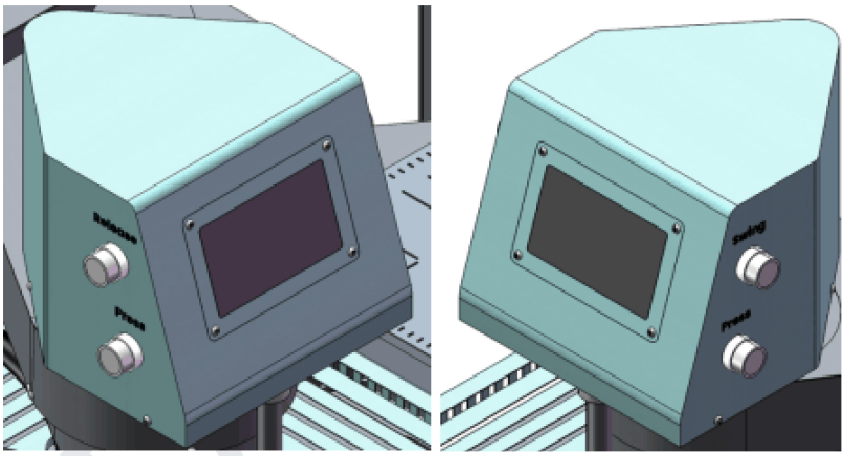
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## 2.3 Setting the Pressure

1. Tap the **Pressure** field on the main screen.
2. Set the pressure within the recommended range of **40–77 psi**.




## 2.4 Work Modes



### Manual Mode

- Press **SWING** → The arm moves to the opposite station.
  Press both **PRESS** buttons simultaneously → The heating plate descends.

---

### Semi-Automatic Mode

- Press **SWING** → The arm moves and automatically performs one press cycle.

---



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### Automatic Mode

- Press **SWING** → The arm moves to the opposite station.
- Press both **PRESS** buttons → The arm swings, presses, and automatically repeats the press cycle continuously.

---

## 2.5 Press Counting

- The counter records each completed press cycle.
- To reset the counter:
  Long-press **Press Counting**, then tap **Counting Reset**.

---

## 2.6 Status Display

The status bar indicates the current operating condition:

- **Standby** – Machine is idle
- **Swing Left / Swing Right** – Arm is in motion
- **Down → Pressing → Up** – Press cycle in progress
- **Emergency On** – Operation interrupted (e.g., by pressing the **RELEASE** button)

---

## 2.7 Duration Setting (Auto Mode Buffer Time)

In **Auto Mode**:

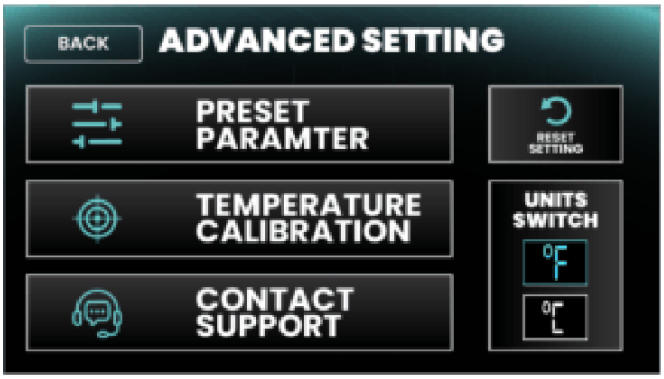
1. Tap **Duration Setting** before starting operation.
2. Set a buffer/waiting time between press cycles.
   Recommended: **5–10 seconds**.
3. After setting, position the material and press both **PRESS** buttons to begin.

---



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## 2.8 Advanced Settings




Tap **Advanced Setting** to access the following functions:

---

### (1) Preset Parameters

- Save or load up to **10 custom parameter profiles** for different materials (e.g., cotton, polyester, DTF film).




- Use **Name Setting** to select and customize one of the 10 preset profiles.



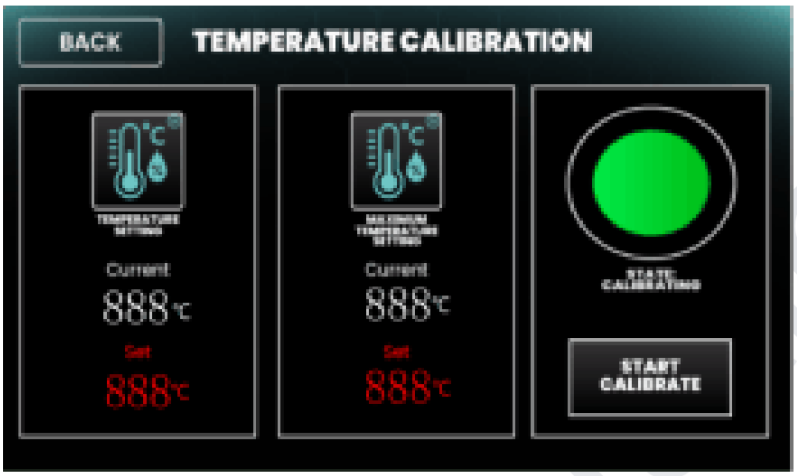



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## (2) Temperature Calibration

If the heating plate does not reach the set temperature:

1. Tap **Start Calibrate** (button turns green).
2. Calibration runs automatically.
3. When complete, the button returns to red.

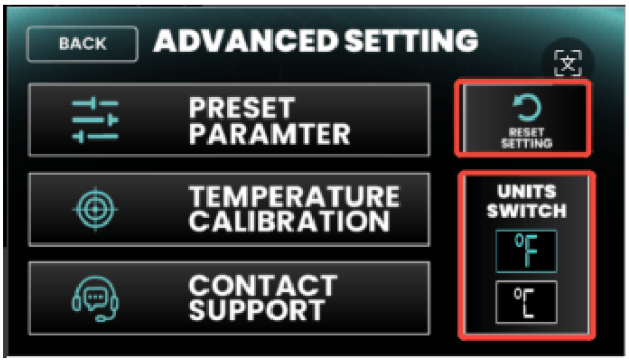



## (3) Reset Settings

Restores the machine to factory default settings.
Use this function for troubleshooting if necessary.

## (4) Unit Toggle

Switch temperature units between **°C** and **°F**.






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# 3. Contact Support

Scan the QR code to contact **DTF Station Technical Support** for maintenance or service assistance.




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