MICROTEC

ATLAS QUICK GUIDE

AT32-AS AT40-AS

ATLAS Auto Open Slide-Out Heat Press

One picture per step. Scan a QR code or tap “Watch” to see that exact step in our video.



Safety first

The top plate gets very hot

Up to 446°F. Never touch it. Keep children and pets away.

220V only — not a regular wall outlet

Needs a grounded 220V outlet on its own circuit. Have an electrician install it. No extension cords.

Keep hands clear when closing

Use the handle with both hands. Never put fingers between the plates.

Indoors, dry, airy room

Level, heat-safe surface. 41–104°F room. Away from water, dust and anything that can burn.

Emergency? Press the red **EMERGENCY STOP** button under the screen. The heat plate pops up at once. Then turn off the power switch.

1 Unbox



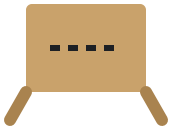
1. Check the shipment before you sign

It comes by freight truck. If anything looks damaged, write it on the delivery paper.



2. Move it with a forklift or pallet jack

It is very heavy. Never lift it by the handle or the control box.



3. Unpack it where it will be used

Remove all packing material and straps.



4. Keep all packaging

You will need it if the machine ever has to come back for service.

---

2 Set up



1. Set it on a strong, level table

It must hold the full weight. Leave room in front to pull the lower plate out.



2. Have an electrician install a 220V outlet

Grounded, 220V, 60 Hz, on its own circuit. The machine draws up to 20.5 A (AT32-AS) or 18 A (AT40-AS). A regular 110V wall outlet will not work.



3. Plug the power cord into the 220V outlet

The cord comes out of the back of the frame, near the bottom. This is the only cable you plug in.





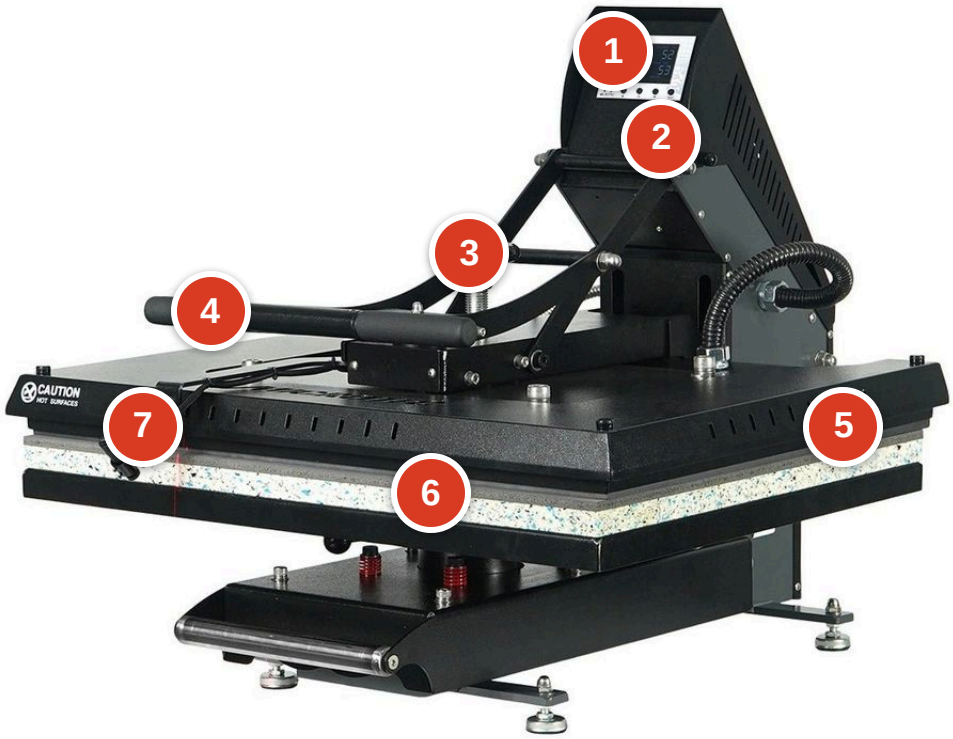
4. Turn on the red power switch

It is on the side of the frame, just above the power cord. The screen lights up and the plate starts to heat.

5. Aim the laser guide

The laser is already connected at the factory. Loosen the knob, point the red line where you want it on the lower plate, tighten.

3 Know your machine



1. **Control panel (GY-06N)**
   Set temperature and time.

2. **EMERGENCY STOP button**
   Press to pop the heat plate up and stop at once.

3. **Pressure knob**
   Sets how hard the press squeezes. Clockwise ↻ = more pressure, counter-clockwise ↺ = less.

4. **Handle**
   Pull down with both hands to close.

5. **Heat plate (HOT)**
   Do not touch.

6. **Lower plate (slides out)**
   Pull toward you to load, push back in before pressing.

7. **Laser guide**
   Red line helps you place shirts and designs.

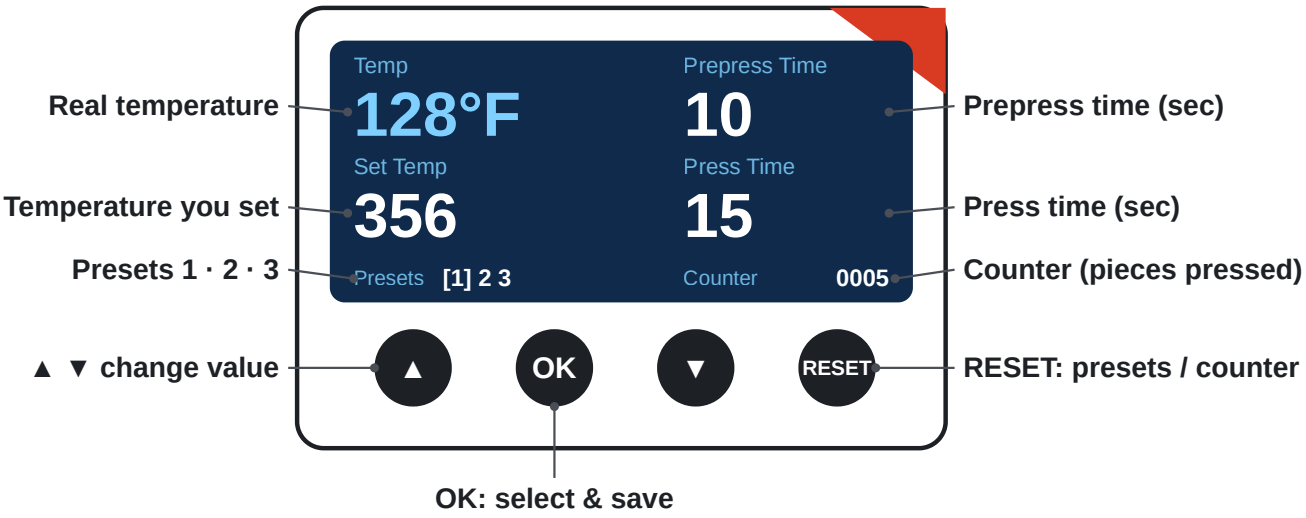
8. **Laser power block**
   On the side of the control box. Powers the laser.

9. **Power switch and power cord**
   Red switch on the side of the frame; the cord comes out at the back, near the bottom.

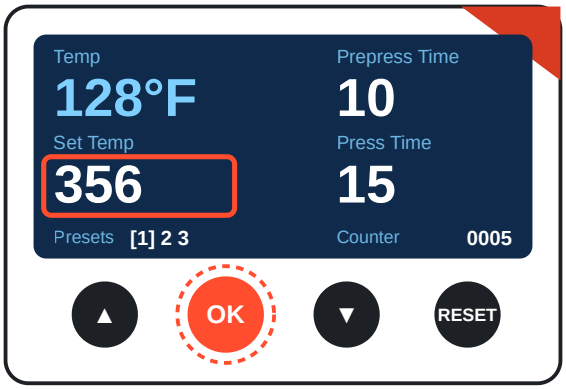
✓ **Auto open:** when the timer ends, the press opens by itself. You do not need to lift the handle.

✓ **Pressure:** turn the knob **clockwise ↻ for more pressure**, counter-clockwise ↺ for less.

4 Control panel

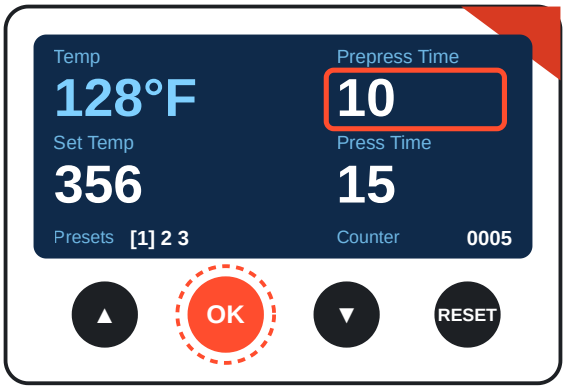


Set temperature and time



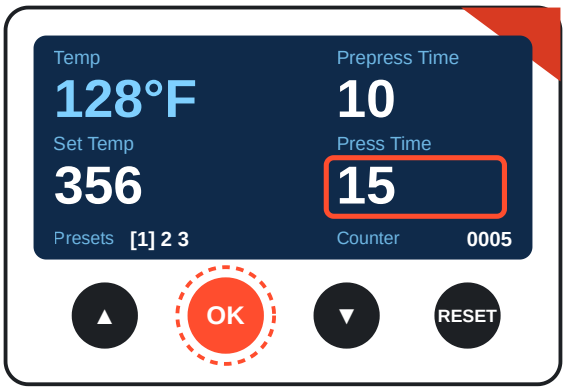
1. Press OK

Set Temp blinks. Press ▲ or ▼ to change it.



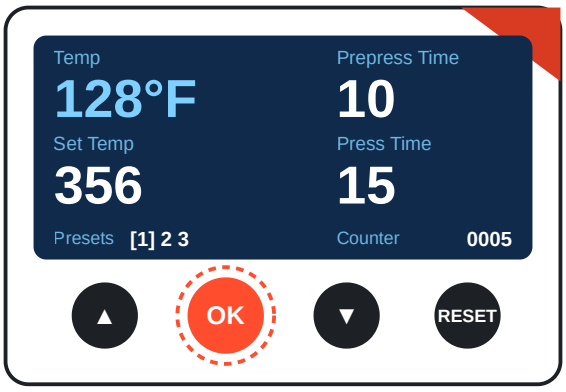
2. Press OK again

Prepress Time blinks (seconds). Press ▲ or ▼ to change it.



3. Press OK again

Press Time blinks. Press ▲ or ▼ to change it.



4. Press OK to save

Nothing blinks. You are ready.

Prepress Time = seconds. It is how long the short first press lasts (no transfer yet) to flatten and dry the shirt. Press Time = seconds of the real transfer press. Don't need a prepress? Set Prepress Time to **0**.

Quick reference

I WANT TO…	DO THIS
Switch between my 3 saved settings	Tap **RESET**
Change temperature or time	**OK** → **▲** **▼** → **OK**
Save a setting permanently to 1, 2 or 3	Hold **OK** + **RESET** 3 sec
Clear the shirt counter	Hold **RESET** 5 sec (it flashes at 2 sec — keep holding)
Turn the early warning beep on / off	Hold **▲** + **OK** 3 sec

Ranges: temperature 0–446°F · prepress 0–999 sec · press time 0–999 sec.

5 Your first press



1. Set temperature and time, then wait for the beeps

MicroTec DTF film: 300°F, 6 seconds. Other transfers: use their settings. It beeps (beep-beep) when the plate reaches the set temperature.



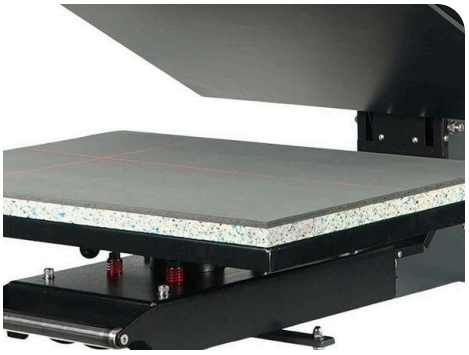
2. Pull the lower plate out and lay the shirt flat

Use the red laser line to line it up. Push the plate all the way back in.



3. Pull the handle down with both hands — Prepress

One beep: the Prepress countdown starts. At 0 the press opens by itself. The counter does not change.



4. Place your transfer on the shirt

Pull the plate out, place the transfer, push back in.



5. Pull the handle down again — Press

The Press Time countdown starts. At 0 it beeps, opens, and the counter adds 1.



6. Slide out and peel

MicroTec DTF film: hot peel — peel right away while hot. Other transfers: follow their instructions.

⚠ Prepress and Press take turns: press 1 = Prepress, press 2 = Press, press 3 = Prepress again. Set Prepress to 0 if you only want one press per shirt.

6 If something is wrong

Won't turn on

1. Check the plug is in a working 220V outlet.
2. Turn on the red power switch on the side of the frame.
3. Still nothing? Call us.

Counter didn't go up

1. This is normal after a Prepress.
2. It adds 1 only after the Press Time countdown.

Laser line is off

1. Turn off the power first.
2. Check the laser plug at the block on the side of the control box.

Press opened in the middle of a press

1. Check if the EMERGENCY STOP button was pressed.
2. Call us if it keeps happening.

Specifications

	AT32-AS	AT40-AS
Plate size	23.6″ × 31.5″	23.6″ × 39.3″
Power	220V · 4500W · 20.5A · 60Hz	220V · 3600W · 18A · 60Hz
Temperature	0–446°F	0–446°F
Timer	0–999 s	0–999 s
Controller	GY-06N	GY-06N

Still stuck? Call us.

Phone

(714) 261-9498

Mon–Fri · 7:30 am – 5:00 pm Pacific

Email

sales@microtecusa.com

Free lifetime tech support

Dimensions & diagrams

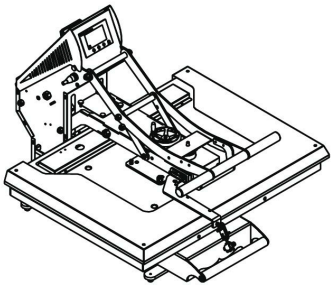
For service technicians. **Unplug the machine** before opening any cover.

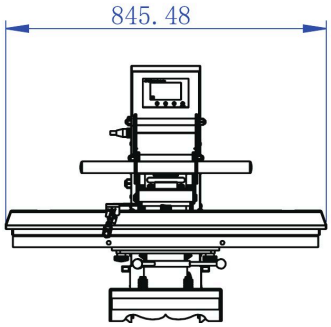
Dimensions (mm)

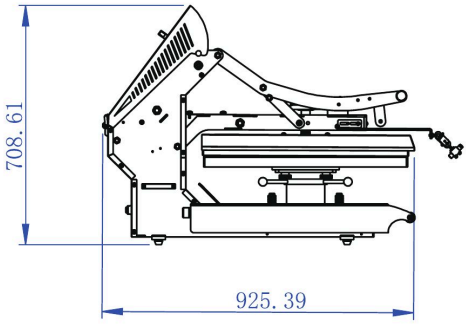
2.6 Equipment external dimensions

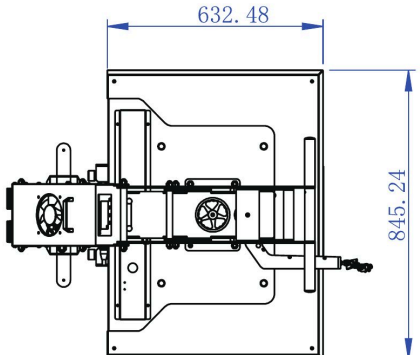
(Refer to the technical drawings in your original document for specific measurements.)

2.6.1 The following dimension diagrams are for model: AT32-AS

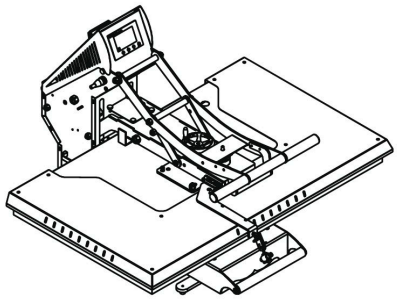


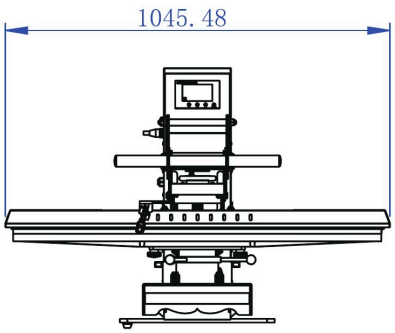


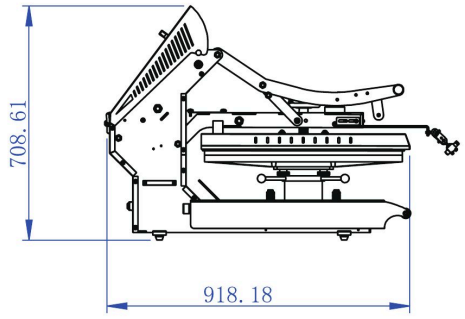


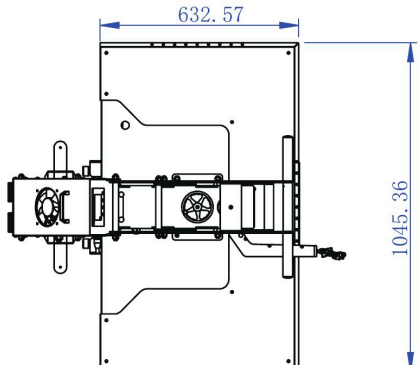


2.6.2 The following dimension diagrams are for model: AT40-AS









Wiring diagram

