

Epson T-Shirt Printer- Quick guide

This printer is direct-to-garment! Can print straight onto T-Shirts, hoodies, bags, etc.

The pretreatment is optimized for cotton - natural fibers hold the ink best. It can't print on 100% polyester / synthetic fibers, but blends are OK.

If the printer is off, turn on the printer using the power button on the left - it may take some time to initialize.

Turn on the hot press using the green switch on the back and let it warm up.

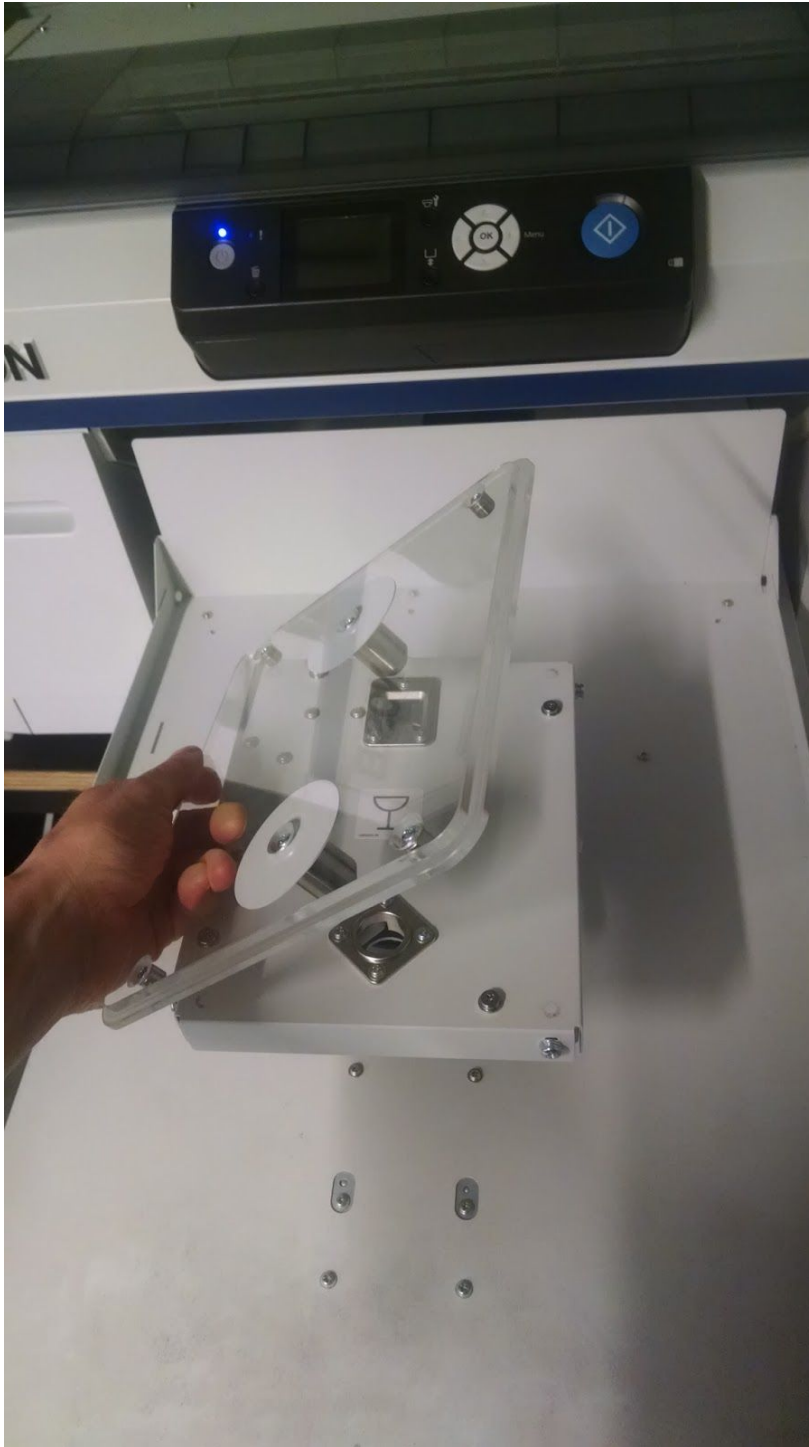
-Remove wrinkles from fabric:

- Make sure hot press is warmed up enough (screen reads around 155).
- Put your garment in the hot press and lay it down as flat as possible.
 - Press down using the handle. We only need to get wrinkles out at this point, so you don't need to press it for very long.



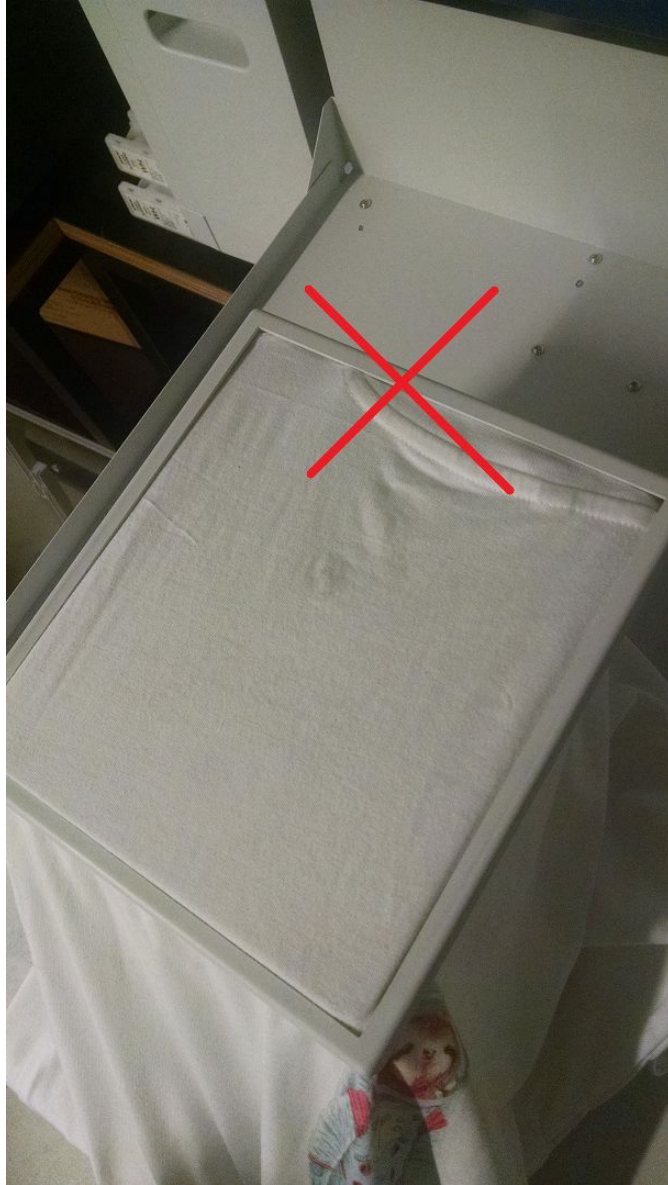
-
- This is the print area I want (I hadn't pressed this shirt yet).
- Pick a glass platen and metal frame that covers the area you need, making sure that seams don't cross the edge of the frame. The print head will be moving across this top surface, so it needs to be totally flat.
- The "Extra-Small" platen fits this print area, so I'll pick that one.

- Remove the metal frame and fit the platen into the slot. Make sure it drops all the way in.





-
- Lay your garment flat on the printing plate with the top of the print closest to you.
 - Lay the frame over the plate and make sure there is no loose fabric sticking up
Fabric should be firm and tight
 - You'll get an error message later if any parts are raised
Watch that the collar and seams are fully away from the print area:

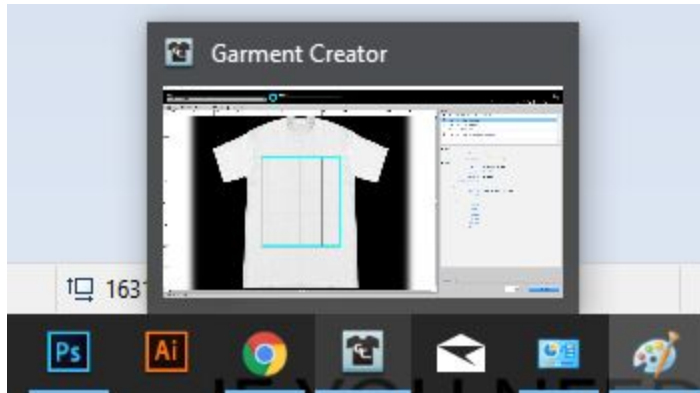


- Check out this example - the collar is in the print area, which won't work (needs to be totally flat). Note that this shirt is also upside down and not pressed well enough.

- The height setting is set under the platen.

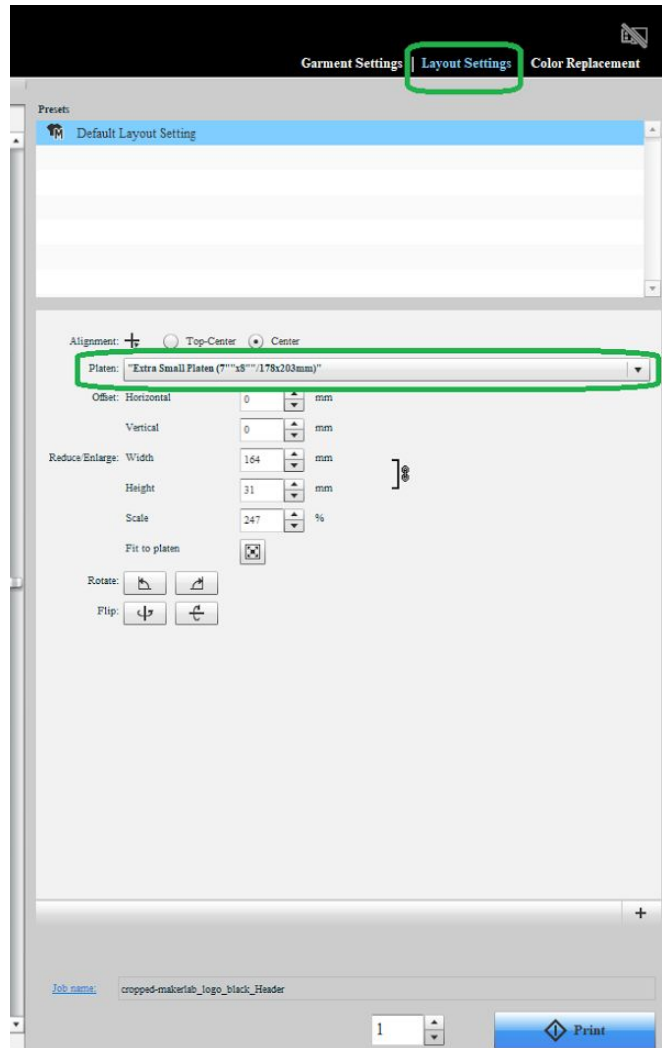


- For the t-shirts we sell, we set the height to 2.
- Height setting 2 means the print head is going to be very close to the fabric.
- This means the quality of the print is going to be super high, but the printer will be picky about loose fabric / wrinkles.
 - For thicker fabrics, move up in size until the printer doesn't give warnings when you start the print.
- Open Garment Creator on the computer.



- Drag and drop your image into Garment Creator
 - .png files with background removed is best
 -

Pick platen size



- This step is super important! Double check that the platen matches the one you chose!

-



Presets:

- Black Color T-Shirt (Use Garment Black)
- Light Color T-Shirt (Standard)
- Dark Color T-Shirt (Standard)
- Dark Color T-Shirt (White)
- x2 Light Color T-Shirt (High Speed Color mode)

▼ Basic

Current Ink: Color
Color Print Quality: Speed Quality
Level1 (1440 x 720dpi 8pass)

▼ Advance

Print Direction: Bi-Direction (High Speed)

Print Option: ☒ Normal Print
☐ Double-strike (x2)
☐ Ink Blot Reduction

Media Profile: Auto Profile

Pause Between Passes (sec): 0

▼ Ink Density

Print Chart: Density Test Chart (White T-Shirt)

Color: 0

▼ Color Settings

Brightness: 0

Saturation: 0

Contrast: 0

Red Level: 0

Green Level: 0

Blue Level: 0



Job name: cropped-makerlab_logo_black_Header

1



- Switch to “Garment Settings” tab in the top.
- Select the fabric color (use “black” setting if you need to use white ink)
- “Color print quality” setting sets the number of passes
 - We can get the highest quality print by moving this slider to “quality”.
- Under “Print option”, “Double strike” setting is recommended for strong colors.
- Once it’s ready, click Print (bottom right)
- The printer will show a message to press the blue button to start. The first thing the printer will do is make sure the top surface is totally flat. If it detects any creases or wrinkles (it’s very picky about this step) it will move the garment back out for you to fix it.
- After the print is done, press it in the hot press to seal the inks in the fabric.
- There is protective paper in a box underneath the hot press.
 - Carefully* place a sheet of protective paper on top of print to stop leaking / for higher gloss
- Press down the handle and wait for the timer to run down. It will beep and the handle will automatically come back up.
- Your garment is done. Wash before use. Enjoy!

Important: remember to wipe down the print area, the platen and the metal plate underneath with a cloth after your print is done.

-never clean printer with alcohol

-Printing on a dark garment using white ink? You need to pre-treat:

-Pretreatment

- Garment needs to be totally flat for the printer
- Turn on the heat press with green switch
- It's automatically set to the right temperature (160°C), wait for it to get there
- Lay your garment flat on the platform
- Bring the handle down and let it sit for a couple seconds.

- Prepare pretreatment machine.
- There are switches on the right side of the pretreatment machine:
 - Make sure they're set to "pretreatment" (not "cleaning").

 - Look at the little tube through the front blue (?) window.
 - This might be filled with water. The pretreatment fluid looks more like milk.
 - If this tube is milky, you're good to go.
 - If this tube is clear, it's probably water.
 - Load pretreatment fluid using "precoating" button at the top of the screen.
 - You'll see the tube fill up with pretreatment liquid.
 - You'll need to press the button a few times before it's fully loaded.

- On the pretreatment machine, pull out the shelf with the bottom handle
- Lay your garment flat on the pretreatment shelf
- Select which nozzles to use with the touch screen or select a preset
- Arrow icons to spray once or twice (garment thickness?)

- press green button to start
- there should be a light mist of pretreatment fluid over your garment
 - (any more fluid than a light mist probably means the nozzles are on wrong)

- Shake white ink
 - How to remove cartridge

- wipe down inside of pretreatment machine and tray
- pull out "grass" and rinse in sink
- tap "water" button to clear pre-treatment fluid from tubes
- clean nozzles in sonic bath
 - fill bath with distilled water (picture of faucet)

- place nozzles in water, push 'start' (or flip switch, make correction)
- the bath will run for 7 mins, automatic
- install the nozzles back in the machine. (dried?)

Switches for "cleaning" on pretreatment?