T-Shirt Printer Tutorial (RICOH Ri 1000)

What is It?
The T-Shirt Printer prints on white or colored T-shirts or other fabric goods to create custom graphics.

How Does It Work?
The machine prints on fabric much like an inkjet printer.

What Can You Do with It?
The T-Shirt printer can print custom graphics on fabric items including shirts, tote bags…etc.

Safety

- **General**- The machine poses no major safety concerns to the user
- **Obstacle Detected**- If the machine's screen displays the error, "Obstacle Detected", slowly turn the machine's green dial to the left until the orange indicator turns white, and do not lower the table any further.

Workflow

- **Turn Machine On**
- **Open Software**- Open the "Production Server" program
- **Open File**- The best filetype to use is a PNG with no background. Drag the file to the "Archive" queue then immediately select which type of garment you will print on: "White" is for pure white and very light colors, "Color" is for medium colors
- **Preview Image**- You can now see your image loaded in the workspace. In the top menu, you can toggle the way you view file using the "Media Preview" and "Printer Output" (The top of where the image will print on the machine is toward user, therefore, some prefer to view the image "upside down" on the screen, as this represents the way the image will actually print).
- **Edit Image**- On the job listed in the "Archive" section, right click, then select "Cropping" then "Activate Cropping", then right click, select "Cropping" again, then "Define Cropping". Then click on the lines to move the box around the image you wish to crop. When done hit green checkmark at the top of the screen.
- **Select Settings**- On the job listed in the "Archive" section, right click, the select each of the following tabs and set the settings listed here:
    - "Workflow" – Use the default settings in this tab
    - "Printer"- You will select "RICOH Medium Platen" for most jobs
    - "Job"- Deselect "Scale 1:1" and set the dimensions that you desire your image to be; then select "Offset x" and "Offset y" to position your image. You can click the on the dropdown menu next to these settings and align your image to "Center", "Left", or "Right".
    - "Color"- Select the correct media; you have to select one, for example, "White-Garment".

    - “RIP”- You can ignore this tab if using a white garment
    - “Job data”- You can ignore this tab
    - Once all of your settings are set, hit the “OK” button at the bottom of the pop-up window
- **Send Your Job to the Machine**- To submit your job, drag your file that is listed in the “Archive” section up to the “Print” menu at the top. This file then shows up on printer machine screen (if it doesn’t show up, hit the “Pause” button near the top left of the software screen).
- **Print Your Job**- Load your shirt on the platen, then hit “Set” on the machine. Your image should now print.

References

- **Compatible File Types**
    - .png (preferably with no background)

- **Compatible Materials**
    - Can use various types of fabric, some require pre-treatment before printing