

Ricoh DTG

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DTF Basic Guidelines



Available for the following printers:



Ri 1000 and Ri 2000

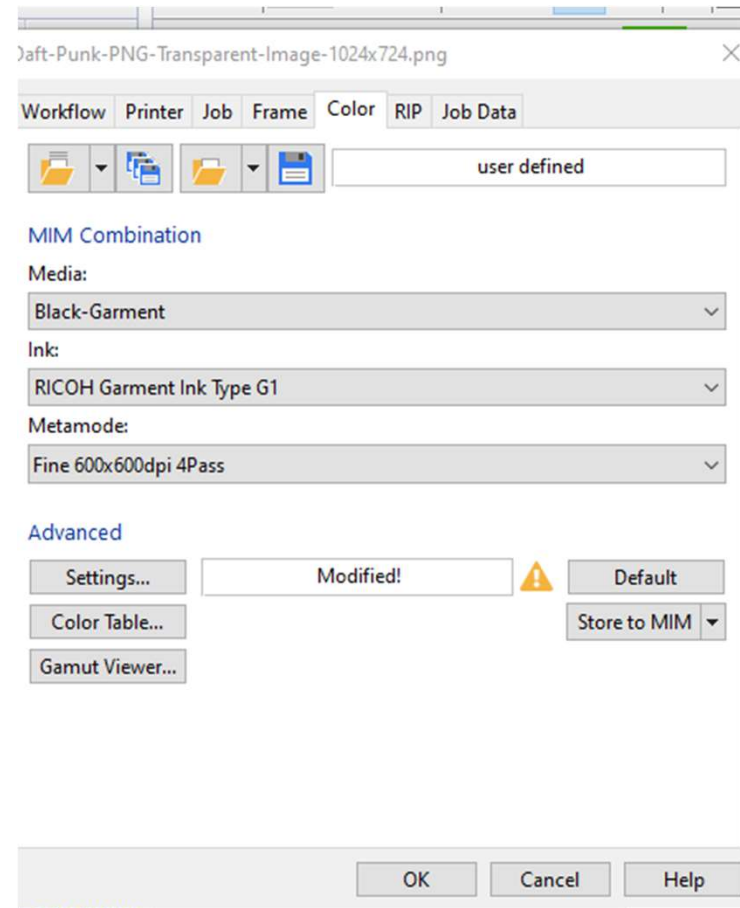


Height settings

- Ri 2000 - set by auto height with a standard platen
- Ri 1000 – set to 0 or at the most 1
- For both printers use a little alcohol on the table underneath the film to hold it flat during printing.
 - If you use tape to hold in place be sure the tape does not add more height to the print.

RIP settings

- Color Tab – Media Black
Garment: Metamode Fine
600 X 600



Advanced settings:

Print Mode

- White: Brightness - Choke set to (-12) *if no choke is set the edges of the print will be a bit fuzzy because the powder (glue) sticks to the white ink.
- Minimum - Set to 20 *need some white ink for the powder to stick to
- Layers set C > W *default is W > C for normal DTG printing

The screenshot shows the Ricoh print settings interface with the 'Print Mode' tab selected. The interface is organized into several sections:

- Color Mode:** A button with a color wheel icon and the text 'CMYK' is highlighted with a blue border.
- Printer Settings:**
 - Printmodes:** A dropdown menu showing 'Fine: 600x600 4pass BiDir 2bit'.
 - White Printmodes:** A dropdown menu showing 'White: 600x1200 4pass BiDir 2bit'.
- Special Colors:**
 - White:** A 'Brightness' dropdown menu is set to '20'. To its right, 'Limit' is set to '100' and 'Spread(+)/Choke(-)' is set to '-12'. Below the 'Brightness' dropdown, 'Intensity' is set to '98'.
 - Layers:** A dropdown menu is set to 'C->W'.
 - Print Special Colors only
- Media Compensation:** A field for 'Compensation (%)' is set to '100.000/100.000' with a small menu icon to its right.

Color correction tab :

On the color correction tab drop the white curve to have out put of 80 to 85 % at 100 % input

Profiles | Print Mode | Screens | Grayscale Conversion | **Color Correction** | Cost Calculation

Gradation Preview correction curves

All Channels

Selected Point Type:
 Corner
 Bezier

Input: 100 %
Output: 85 %

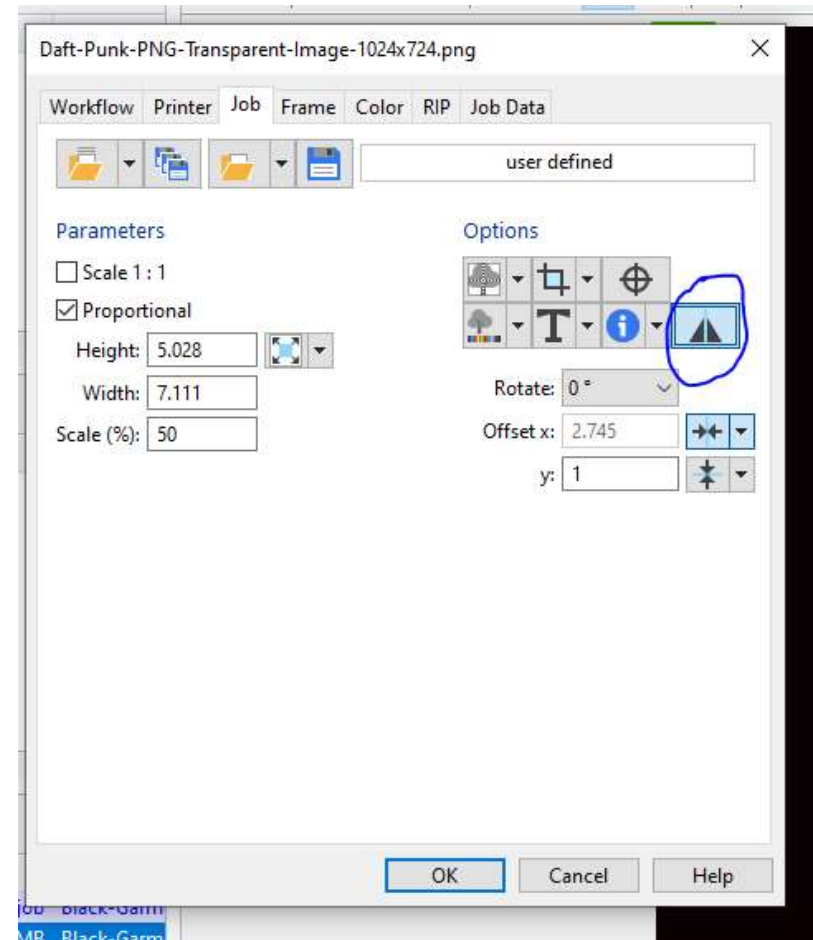
Default ▾

Global Correction

Brightness: 0 % Contrast: 0 % Gamma: 1 Default

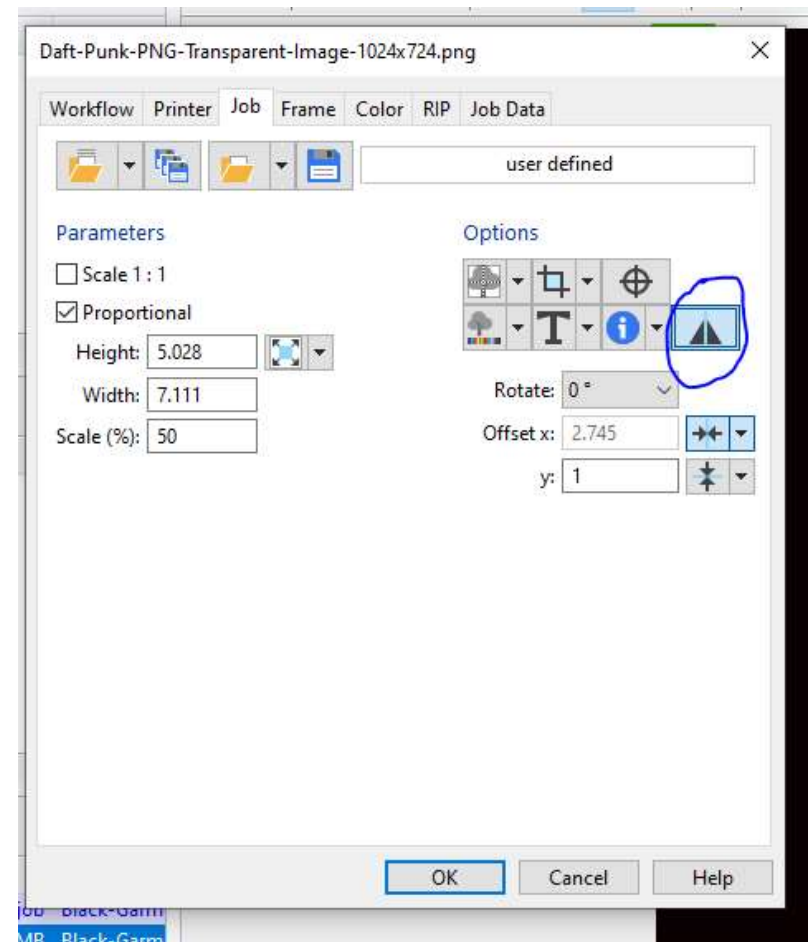
Job Tab:

On the Job Tab - click the mirror image button.
*otherwise, the image will be reversed on the shirt



Need to knows:

- Print on the Dull side of the film
- Spoon or sift the powder on to the printed part of the film - tilt back and forth at least 5 times so that the powder is covering all the printed area and shake off any loose powder - brush away any powder from the edges.
- Dry ink and powder by hovering with the heat press for 120 sec, at 260 F – ink and powder up.
- After that - put the shirt on the heat press – then flip the film over and place where the on the shirt you want the graphic. Make sure the shirt is free of wrinkles prior to that.
- Heat press using heat press paper (Teflon is good but normal heat press paper will do) at 260 F for 20 sec.
- Cold peel - let the film cool to room temperature (approx.. 3-5 min) then gently peel the film and the ink will remain on the shirt. (Note
- Hot peel film works as well - gently peel the film off the shirt immediately
- Heat press at 260 F for an additional 10 seconds (with press paper) to eliminate any remaining moisture.



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