

DeltaCad Users Group Member Submitted File Instructions/Comments/Info.

Macro File Download Title: "Create G-Code File"

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Discussion, comments and/or questions are welcome on our forums. (Registration required)

DeltaCad to Gcode Macro - Instruction Layer

RULES

- All lines must be RED And On a layer called "gcode" Layer
- As the program runs:
 - It outputs a dash lines for each move and
 - puts the location on the END of every cut on a new G00 layer.
- It ignores arrows on lines (see circles below).
- It processes lines in the order they were drawn.'
- It jumps To the closes point of the first Line from 0.0, So a dummy Line may be needed To lead it To the starting point
- The program Ends If there is a discontinuity of greater than 0.05",
- It jumps to closer end of next drawn line.
- DeltaCad draws all circles CCW, change to the arrow line type to if you want CW.
- If a line's LineType =1 (first dashed line in the drop down menu) then makes it a G00 Move.
- If it detects a "stitched linetype" line type#6 (the 6th line in the drop down menu), then the program ends.

INSTRUCTIONS

1. Make sure there is NO G00 layer.
 - (Select G00 layer, EDIT then "Select ALL" and Delete everything on that layer, and then delete the G00 layer)
2. Make sure there is nothing drawn on the "gcode" layer.
 - (Select that layer, EDIT then "Select ALL" and Delete everything on that layer)
3. Set the VIEW to be gcode layer
4. Select lines and circle colors to be RED
5. Select lines and circle to be NORMAL
6. Locate 0,0 and start drawing from there.
 - Use either a dashed line as a move or a solid line as a cut.
7. Carefully draw in the order that you want to cut.
 - (If you make a mistake, delete everything on G00 layer and start again.)
 - SAVE the file before you run the MACRO.
8. Use the arrow on circles as per rules above. (The arrow tip is on the first location of an arc.)
9. Go to MACROS and RUN the .. G_Code Macro. After the Macro runs you see number at the end of every cut and dash lines on moves.
 - All of these are on the G00 layer.
10. If you want to start over go to 1. Above.
11. The output file will be in the same folder as the Delta CAD file. It is a text file.
 - To read the file, right click and SEND-TO Notepad.