

G0xin  
Get Started

## Introduction

- A) Download and study the document: <http://www.g00.in/introduction.pdf> .
- B) Refer to the stepwise procedure explained in <http://www.g00.in/step1.pdf> to start your work.

## Installation

- 1) Download the software from <http://www.g00.in/g0xin.msi> . To install it, double click on the downloaded file. (The installation process will automatically create an application group named **G0xin** and also a folder named **C:\g0xin** on your computer.)
- 2) Check if you are able to start the nesting module of the software. (If you are not able to start it, please e-mail the message that appears on your screen to [g2fabsoft@gmail.com](mailto:g2fabsoft@gmail.com) .)
- 3) Purchase the signature license file **signature.dat**. Copy it in in the folder **C:\g0xin**. (You will receive the signature file and password in an e-mail, after you register the software.)
- 4) Create / write the post-processor for your machine and copy it in **C:\g0xin\processor.c2d**. (If your post-processor requires additional files, copy them also in **C:\g0xin**.)
- 5) Double click and edit the cutting parameters data in the file **C:\g0xin\materials.csv**. This file contains sample material data. You will be able to add your materials / thickness / parameters to this file using a spreadsheet software. (The installation program automatically creates a sample material file named **C:\g0xin\samples\trial\materials.csv**. If you do not have any old copy of materials.csv, you may copy the sample file to **C:\g0xin\materials.csv** to get started.)

## General Procedure

- a) Create part drawings in R12 dxf files. Validate them in using the CAD module of the software.
- b) Run the nesting module and generated nested layouts & toolpaths, as described below.
  - I. The first stage is planning. The software automatically generates the plan file whenever you create a new job. A planned job can contain multiple nested layouts. Select any nested layout for modification. (If you do not choose anything, first layout becomes the default / automatic choice.)
  - II. Modify the selected layout using the options mentioned below, until you are satisfied with the result. (Keep saving results periodically using the option **FILE > SAVE**.)
    - i. **(optional)** Modify the nested arrangement using options under **FIT** menu.
    - ii. Modify the toolpath using options under the menus **LEADER**, **SEQUENCE**, **CUT**, as required by you.
    - iii. **(optional)** In general, use options under any menu from **EDIT-to-TOOLS** to change the layout, as required by you.
  - III. Once you are satisfied with the selected nested layout and its toolpath, go to the **Layout** menu and select the option **Shortlist**. When you do so, the software isolates your nested layout and saves it in a different job file. The name of the new job file will be shown to you.
  - IV. Now, depending on your requirement, you may do one of the following.
    - i. Continue to work with the remaining parts / sheets / layouts the old plan file, as described in **steps II & III** above. (This is the default / automatic choice.)
    - ii. Work with the shortlisted file (created in **step III**), as described below.
      - i. Close the old plan file.
      - ii. Open the shortlisted file.
      - iii. **(optional)** Although it is not recommended, you may still modify the shortlisted file using **step II**, if required.
      - iv. **(optional)** If you want to generate offcut, select the corresponding command under the **LAYOUT** menu.
      - v. When you finally decide to cut the layout, select the option **LAYOUT > CONFIRM**. Note, the software does not allow you to modify a confirmed layout.
      - vi. Follow the procedure as suggested on your screen, to generate cnc codes.