

G2FABSOFT

Version: 2.0.18.5

Date: 01.08.2018

Introduction

G2FABSOFT provides software & related services to gas, plasma, laser & waterjet machine users in India.

G0xin is their indigenous nesting software and it is described on their website : <http://www.g00.in>.

Features / Packages	Permanent	5 years	3 years	1 year
Multiple users: Single license for all the computers	✓	✓	✓	✓
Reliable: Absolutely no dongle / internet / hardware lock	✓	✓	✓	✓
Easy: Sensible commands & symbolic instructions	✓	✓	✓	✓
Macro: Standard shapes + Parametric script	✓	✓	✓	✓
Drawing: Imports part files from other cad / cam software	✓	✓	✓	✓
Nesting: Automatic + Multiple strategies	✓	✓	✓	✓
Sequence: Automatic + Multiple strategies	✓	✓	✓	✓
Leadin / leadout: Automatic + Multiple strategies	✓	✓	✓	✓
Toolpath: Common cut, chain, stitch ++	✓	✓	✓	✓
Material table: Define your own cutting parameters (eg. speed, kerf) for various material grades & thickness	✓	✓	✓	✓
Post-processor: CNC code style (max 1)	Preset only	✓	✓	✓
Report: Paperless + Portable + Dynamic	Restricted	✓	✓	✓
Validity: No. of years of usage allowed	Unlimited	5 years	3 years	1 year
CNC credits: No. of cnc code files that can be generated	Unlimited	40,000 credits (Limited)	24,000 credits (Limited)	4,000 credits (Limited)
Base price:	It may be different for old users, resellers and others. Send us an e-mail with relevant details to work out your offer.			
Value addition charge (Optional): Add-on features like database link & cut management can be supplied (if available) or developed (if feasible).	Costs extra, as per the specification	Costs extra, as per the specification	Costs extra, as per the specification	Costs extra, as per the specification
Service charge (Optional): Services (Eg. internet based training, support, installation, customization, post-processor development...) cost extra, if requested. These services can be offered only if they are feasible and are charged on net-per-day basis.	It may be different for old users, resellers and others. Send us an e-mail with relevant details to work out your offer.			
GST	Extra, as applicable	Extra, as applicable	Extra, as applicable	Extra, as applicable

102-A, Meghmala CHS, Sant Janabai Road, Vile Parle (East), Mumbai – 400057 / g2fabsoft@gmail.com

(Note: The contents of this document may be modified at any time without any notice. For any clarification, contact us on e-mail only.)

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Installation

The software works on any modern day personal computer, with necessary permissions to read and write files.

➤ Setup files

Download the software from our website : <http://www.g00.in> .

Then, double click on the downloaded file and follow the instructions that appear on your screen.

➤ Redistributable Files

In most cases, you will be able to launch the software immediately after installation.

However, if your computer does not have the redistributable files required for running the software, you may need to download the zip file : <http://www.g00.in/vcredist.zip> , unzip the contents and double click on the relevant installation file (32 bit or 64 bit) to install it on your computer.

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Usage

➤ Setup

- 1) Download the software and install it, as described earlier in this document.
 - a. Installation process will automatically create a program group named **G0xin**.
 - b. Installation process will automatically create a folder named **C:\g0xin**.
- 2) Create a post-processor for your machine. (For details, refer to the application manual or contact us.)
 - a. Send us a copy of the post-processor, once it is ready. (This step is necessary for some packages only.)
 - b. Copy the post-processor file in **C:\g0xin\processor.c2d**.
 - c. If your post-processor requires additional files, copy them also in **C:\g0xin**.
- 3) Create the material table for your machine. (For details, click on the link : <http://www.g00.in/doc/materials.pdf> .)
 - a. It is easier to modify the sample file available within the installation folder, instead of writing a new one.
 - b. Save the final data in **C:\g0xin\materials.csv**.
- 4) Register the software, as described later in this document.
 - a. You will receive the signature file, password and relevant instructions in an e-mail.
 - b. Copy the signature file **signature.dat** in the folder **C:\g0xin**.
 - c. Follow the instructions mentioned in the e-mail.
- 5) Launch the nesting module once, before going ahead.

If you face any problem in any of the above-mentioned steps, contact us with relevant data & details.

➤ Run

- a) Create part drawings as described in the application manual. Validate them using our cad module, if required.
- 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**, if required.
 - iii. **(optional)** Use options under any menu from **Edit-to-Tools** to change the layout as you wish.
 - 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, select any one of the following choices, depending on your requirement.
 - 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 advisable, you may still modify the file using **step II**.
 - iv. **(optional)** Create an offset using 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.

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Purchase

➤ Test

Make sure to test the software well as described earlier in this document, before going ahead with the purchase.

In particular, do make sure that you have the right post-processor and table of cutting parameters for your machine.

If you go ahead with the purchase, it will be assumed that you have tested it well and are happy with the results.

➤ Order

Download the document : <http://www.g00.in/g2.txt> , fill it up with end-user related details and mail it back to us.

(In some cases, we may ask you to mail us your post-processor file also.)

➤ Payment

Our payment terms are 100 % advance & online, as per the payment transfer details mentioned below.

Bank Name	The Greater Bombay Coop. Bank Ltd.
Branch Name	Vile Parle (East) Branch, Mumbai
Branch Address	Meghmala CHS, Sant Janabai Road, Vile Parle (East), Mumbai - 400057.
Branch Phone No.	022 - 64570790
Current Account No.	30206021741
Current Account Name	G2fabsoft
Branch IFSC Code No.	GBCB0000013

➤ Signature

On receipt of the above, we shall send you an e-mail containing the signature file and password.

Note, the e-mail is sent only once and that is the only deliverable promised against the said purchase.

➤ General Terms & Conditions

- You must download the software from the website : <http://www.g00.in> only and maintain its backup.
- You must develop (or, purchase) a suitable post-processor for your machine and maintain its backup.
- You must know the cutting parameters for different material grades & thickness required by your machine.
- You must maintain a backup of the signature, password & instructions sent to your registered e-mail id.
- You must maintain a regular backup of all your data files also.
- You must purchase the refill at least a week before the end of the current usage period.
- You must maintain a backup of the new password also, whenever you refill.
- You must not delete or modify any installation file manually from the installation folder : **C:\g0xin**.
- You must not delete or modify any file from the output folder that saves cnc code files, for 1 year.
- Additional clarifications may appear elsewhere, in related documentation.

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