

# Requirement Analysis

We understand that you need time to evaluate different packages of **G0xin** in detail before selecting any one of them.

This survey will help us understand your requirement quickly and suggest a suitable solution for you. It may also tell you a little bit about how **G0xin** works.

Each page in this document contains a simple question. Kindly answer them all and mail us your response at : [g2fabsoft@gmail.com](mailto:g2fabsoft@gmail.com) . We shall write back to you shortly.

## Question

Our website <http://www.g00.in> contains detailed description of **G0xin** and you are expected to study the same before purchasing our services. However, at this stage, you just have to confirm that you have found the following information on our website and various documents linked to the same.

- Link to download **G0xin** ( <http://www.g00.in/g0xin.msi> )
- Brief overview of the software ( <http://www.g00.in/go.pdf> )
- Guidelines to start using the software ( <http://www.g00.in/step1.pdf> )
- Movies ( <http://www.g00.in/doc/movies.pdf> )
- Pricelist, packages, terms & conditions ( <http://www.g00.in/introduction.pdf> )

Please visit our website and confirm one of the following.

- A** I have found all the information, gone through the same and understood it, too.
- B** I have found all the information and gone through it. I need some clarification.
- C** I have found all the information, but I have not gone through that yet.
- D** I need clarification on some other points, which are not mentioned anywhere.

# Requirement Analysis

## Question

Are you able to download and run **G0xin** on your computer ?

- A** I am able to download, install and run **G0xin** on my computer.
- B** I am able to download and install **G0xin**. But, I can not run it.
- C** I can not install **G0xin**.
- D** I am facing some other problem while downloading / installing / running **G0xin**.

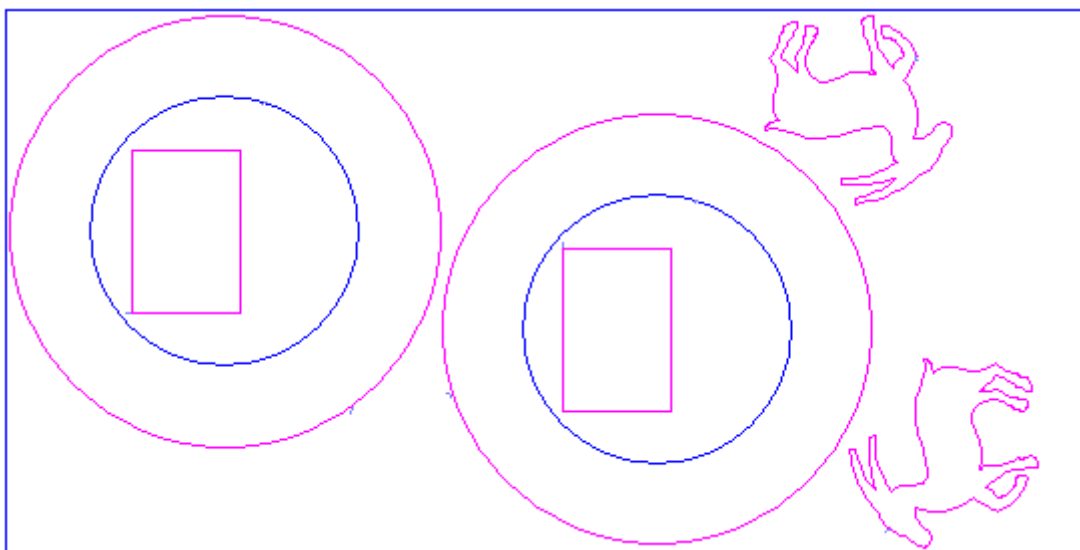
# Requirement Analysis

## Question

How many nested layouts do you plan to cut within one year (365 days) ?

### Note

A single nested layout may contain many parts, as shown below. We do not want to know the number of parts. Tell us the number of sheets / layouts you would like to cut within a year.



- A** < 365 (maximum 1 layout per day / 30 layouts per month)
- B** < 2,000 (maximum 5 layouts per day / 150 layouts per month)
- C** < 4,000 (maximum 10 layouts per day / 300 layouts per month)
- D** More

# Requirement Analysis

## Question

How many different types of CNC codes would you like to generate ?

### Note

Generally, it is one for each new oxyfuel / plasma / laser / waterjet cutting machine. So, if you have 1 CNC gas cutting machine, you may need 1 type of CNC code file. However, if you have multiple CNC profile cutting machines or if you are planning to generate CNC codes for offcuts or if you are generating different codes for different types of material grades & thickness, you may need more types of CNC code files.

- A** 1
- B** 1 - 4
- C** More than 4
- D** I need some clarification.

# Requirement Analysis

## Question

Do you have the post-processor for your cutting machine ?

### Note

A post-processor is a text file that is used for generating CNC codes for your cutting machine and has the extension **.C2D**. You will be able to find number of sample post-processors within the installation folder. If you are able to find & modify the post-processor for your machine from our samples, you need not pay us anything extra. If not, you will have to send us the detailed description of G-M codes understood by your machine, along with some sample CNC code files. If it is feasible to develop the post-processor for your machine, we shall inform you the additional cost & time frame for developing the same.

- A** I have found (or developed) the post-processor for my machine on my own.
- B** Help me find a matching post-processor. I can send code details & samples.
- C** I want a new post-processor, at extra cost. I can send code details & samples.
- D** I do not have CNC code details or sample CNC code file for my machine.

# Requirement Analysis

## Question

What is the extension of your CNC code file ?

- A** .CNC
- B** .TXT
- C** It is something else. I shall mail it to you.
- D** I need some clarification.

# Requirement Analysis

## Question

Do you have the list of cutting parameters for all the different **material grades & thickness** to be processed on your machine ? Also, will you be able to write & update the cutting parameters file in a spread-sheet software, as shown below ?

### Note

Cutting parameters file contains data like tool diameter, cutting speed, piercing time, density, etc. for each material grade & thickness group. You must get this data from the machine supplier or generate this data at your end. Also, you must type this data **once** in the cutting parameters file, before cutting a **new** material grade / thickness. This process has been described in detail in a movie / PDF file available on our website.

	A	B	C	D	E	F	G	H	I	J	K
3	#Name	Thickness	0	Tool_Dia	Clearance	Leadin	Leadout	Speed	Pierce	Density	Cost
4	Demo_mno_1	1	0	0.1	2	10	5	2800	0	7850	40
5	Demo_mno_1	2	0	0.15	2	10	5	2600	0	7850	40
6	Demo_mno_1	4	0	0.2	2	10	5	1500	0	7850	40
7	Demo_mno_2	10	0	3	2	10	5	5000	0	7850	40
8	Demo_mno_2	20	0	3.5	2	10	5	4000	0	7850	40
9	Demo_mno_3	10	0	2.5	10	10	5	5002	0	2700	40
10	Demo_mno_3	50	0	5	10	10	5	2502	0	2700	40
11	MS	12	0	2	5	6	3	3500	0	7850	40
12	MS	24	0	3.3	10	10	10	2345	0	7855	40

- A** I have the technical data. I can also edit this file as required by **G0xin**.
- B** I have the technical data, but I do not know how to edit this file.
- C** I shall be able to handle this file later, but I do not have any technical data.
- D** I need some clarification.

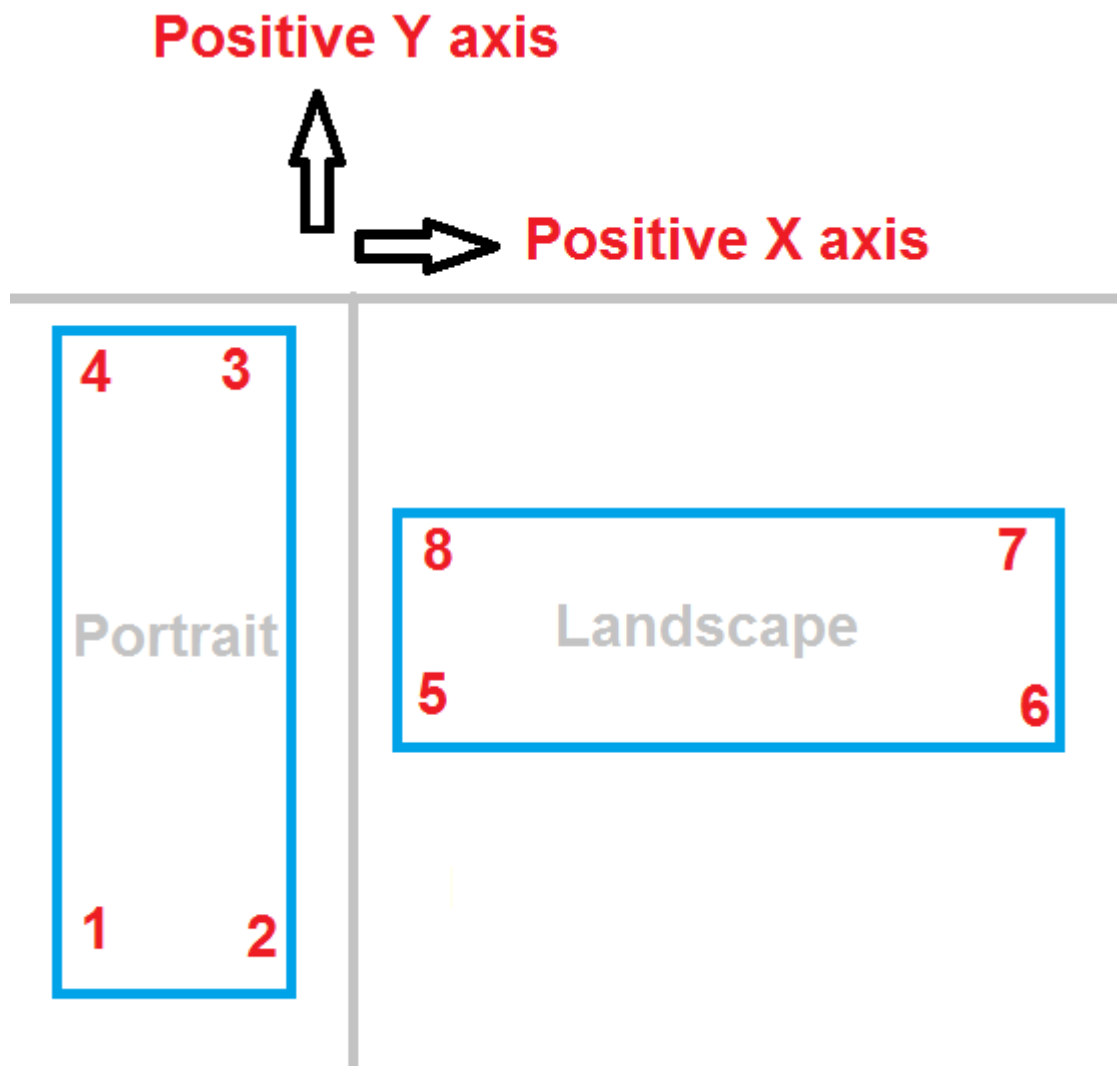
# Requirement Analysis

## Question

See the picture below and select a number that describes the X-Y axes as well as starting position (home position) of the torch correctly, for your machine.

### Note

- You must select a number from 1 to 4, if X axis is shorter than Y axis.
- You must select a number from 5 to 8, if X axis is longer than Y axis.
- Normally, the answer is either 1 (  $X < Y$  ) or 5 (  $X > Y$  ).



**Number (from 1 to 8)**



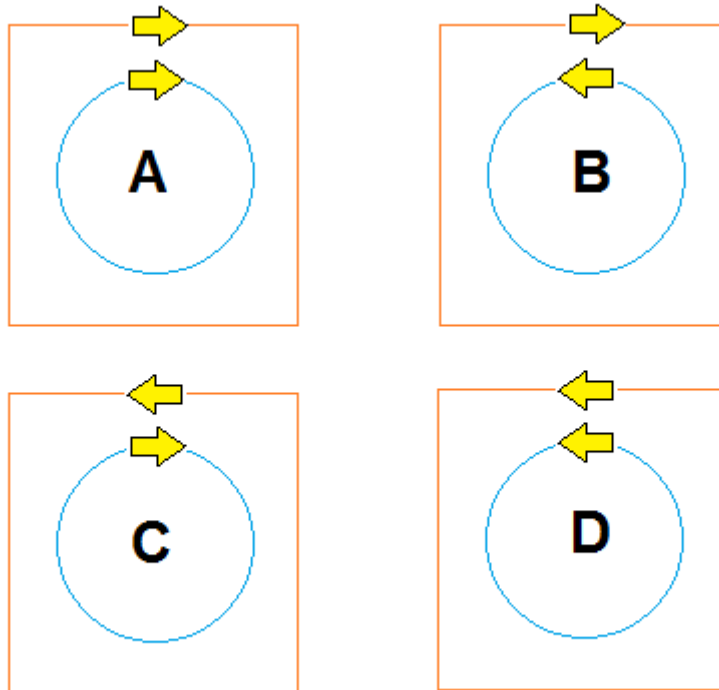
# Requirement Analysis

## Question

Specify the direction (clockwise or anti-clockwise) for cutting outer covers and holes.

### Note

This parameter is especially important for plasma cutting. Normally, it is specified by your machine supplier.



- A** Clockwise for all profiles.
- B** Clockwise for outer profiles, anti-clockwise for holes.
- C** Anti-clockwise for outer profiles, clockwise for holes.
- D** Anti-clockwise for all profiles.

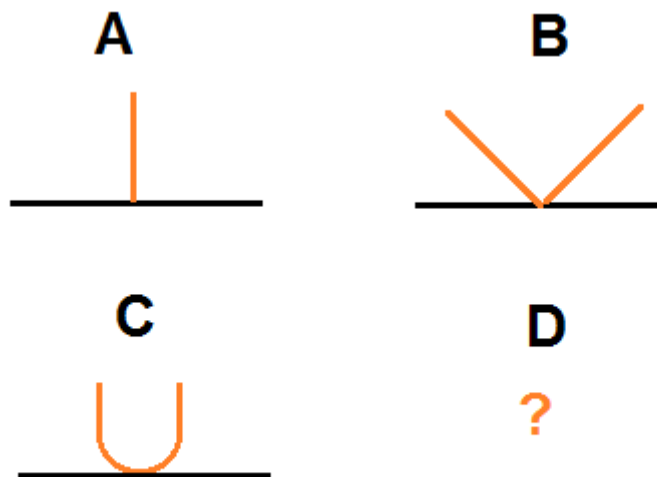
# Requirement Analysis

## Question

Select the leadin – leadout style, from the list shown below.

### Note

Please refer to our technical documentation to learn more about leadin – leadout.



- A** Leadin line is perpendicular to the profile. No leadout. (Normally, for lasers.)
- B** Both leadin & leadout are lines.
- C** Both leadin & leadout are curved, when added on the middle of an entity.
- D** I need some clarification.

# Requirement Analysis

## Question

Which raw material size is most frequently used by you ? (Unit: mm)

- A** 1,500 x 6,000
- B** 2,000 x 3,000
- C** 3,000 x 16,000
- D** I shall mail you the size.

# Requirement Analysis

## Question

Which drive on your computer must be used for storing the data files ?

### Note

**G0xin** reads & writes number of data files automatically, in the drive selected by you. So, select the drive name carefully. If the specified drive does not exist on your computer or if you do not have the necessary permission to access files & folders in this drive, you may face problems.

- A** C - drive
- B** I shall mail you the drive name.

# Requirement Analysis

## Question

Specify the number of computers on which you would like to install **G0xin**.

- A** 1
- B** 2
- C** I shall mail you the number.
- D** I need some clarification.

# Requirement Analysis

## Question

Specify the initial subscription period for **G0xin**.

### Note

You may choose any one of the following subscription periods, depending on your budget and requirement. However, during a renewal, you may go for the same or higher subscription period only. You can not select a lower subscription period during a renewal.

- A** 3 months
- B** 1 year
- C** 5 years
- D** I need some clarification.

# Requirement Analysis

## Question

**G0xin** allows you to generate different types of reports, in addition to CNC codes, as listed below. Please specify which type of output you want to generate.

Type	Usage
CNC File	CNC gas / plasma / laser / waterjet cutting
Dxf	<ul style="list-style-type: none"><li>• Third party fabricator can view the layout in a CAD software</li><li>• The fabricator can also modify or post-process the layout, if required</li></ul>
HTML	<ul style="list-style-type: none"><li>• Anyone can see the layout drawing in a browser or smart-phone</li><li>• Identify all the nested parts as well as offcuts clearly, on separate pages</li><li>• Eliminate printing</li></ul>
Estimation	<ul style="list-style-type: none"><li>• Sales team can view detailed cost structure in a spread-sheet software</li><li>• Sales team can modify and re-calculate the cost again, outside <b>G0xin</b></li></ul>
Monthly Report	<ul style="list-style-type: none"><li>• Manager can view detailed monthly report in a spread-sheet software</li></ul>
Customized Output	You can create a report that can be integrated with MRP / ERP / database system

- A** I want to generate CNC code file as well as some of these report files.
- B** I want to generate only CNC code files.
- C** I want to customize the output according to my requirement, at additional cost.
- D** I need some clarification.

# Requirement Analysis

## Question

Do you have any special requirement ?

### Note

All services are chargeable, including support / training / customization.

- A** I just want to receive an e-mail containing license & password. That is it.
- B** I need training, at additional cost.
- C** I want to customize the software, at additional cost.
- D** I need some clarification.



# Requirement Analysis

## Question

Please type the below-mentioned details **exactly** as specified and mail us your reply.

### Note

- Do not use coma while specifying the license data.
- Avoid CAPITAL letters as far as possible while specifying the license data.

**A** License Data - Unique e-mail address of the end-user

**B** License Data - Name of end-user company

**C** License Data - Name of the end-user

**D** License Data - Address of the end-user company – Line 1

**E** License Data - Address of the end-user company – Line 2

**F** License Data - Address of the end-user company – Line 3

**G** License Data - Address of the end-user company – City

**H** Invoice Data – Name of the company that orders services & makes payment

**I** Invoice Data – Postal address of the invoiced company

**J** Invoice Data – GST number of the invoiced company

**K** Invoice Data – GST state code of the invoiced company