

# Smartprint User Manual Simple Version

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# **Table of Contents**

	INT <sup>™</sup> Software Installation
1.1	Auto Installation
1.2	Manually Activate Software6
1.3	Re-install SmartPRINT <sup>™</sup> Software8
1.4	How to Reset SmartPRINT <sup>™</sup> License If PC is Format9
2.Output to	o GCC Laser Via SmartPRINT <sup>™</sup> software11
2.1	Change Language12
2.2	Setup Link to GCC Laser Machine12
2.3 Inser	t Graphics from Library14
2.4 Draw	Text14
2.5 Impo	rt Design15
2.6 Trace	Image16
2.7 Engra	ave the Design19
2.7.1 Def	ine Raster or Vector Mode19
2.7.2 Out	put to Laser System

#### **1.** SmartPRINT<sup>™</sup> Software Installation

#### SmartPRINT System Requirements

- (Win) Windows XP/Vista/7/8/10/11
- (Mac) macOS Sonoma
- Run on Apple Silicon by Rosetta 2
- 512 MB of RAM or more
- At least 50MB of available hard disk space
- USB Port 1.1 or 2.x

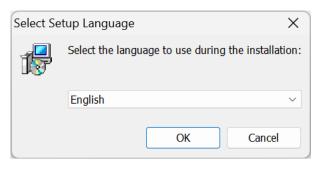
#### 1.1 Auto Installation

Step 1. Please click the following link to download SmartPRINT automatically.
 The software is compatible with Windows Vista/7/8/10 and macOS X (10.6 - 10.11).
 64bit:

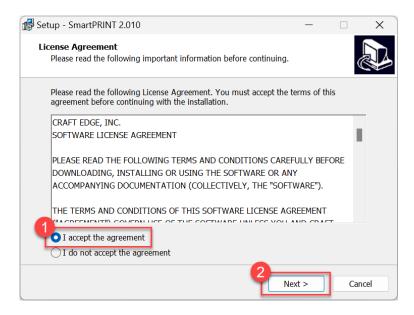
https://www.gccworld.com/data/software/SmartPrint\_Windows\_V2.010-64bit.zip 32bit:

https://www.gccworld.com/data/software/SmartPrint Windows V2.010-32bit.zip

Step 2. Select setup language during the installation.



Step 3. Select "I accept the agreement" and click "Next" to continue.



#### Step 4. Click "Next" to continue.

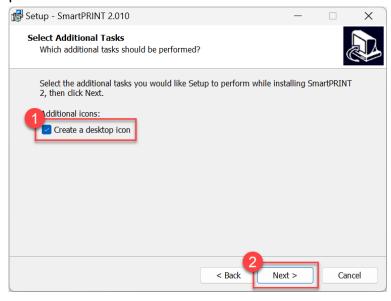
Betup - SmartPRINT 2.010	_		×
<b>Information</b> Please read the following important information before continuing.		(	
When you are ready to continue with Setup, click Next.			
Craft Edge		-	_
SmartPRINT Read Me		- 1	
System Requirements		- 1	
Pentium processor-based PC or compatible computer		- 1	
Windows XP/Vista/7/8/10/11 512 MB of RAM or more		- 1	
At least 50 MB of available hard disk space		- 1	
USB Port 1.1 or 2.x		- 1	
Copyright ?2008-2022, Craft Edge Inc.			•
All Rights Reserved			
< Back Nex	t >	Car	ncel

Step 5. Use the default folder (suggested) or select a folder you want to install the

## SmartPRINT<sup>™</sup> and press "Next"

🛃 Setup - SmartPRINT 2.010	_		×
Select Destination Location Where should SmartPRINT 2 be installed?		(	
Setup will install SmartPRINT 2 into the following folder.			
To continue, click Next. If you would like to select a different folder, cli	ck Brov	wse.	
C:\Program Files\Craft Edge\SmartPRINT 2	Br	rowse	
At least 176.2 MB of free disk space is required.			
< Back Next	>	Can	cel

Step 6. Tick "Create a desktop icon" if you want to create a shortcut on your desktop, then press "Next" and "Install" to start the installation.



🕵 Set	up - SmartPRINT 2.010		_		×
	a <b>dy to Install</b> Setup is now ready to begin installing SmartPF	RINT 2 on your com	nputer.	6	
	Click Install to continue with the installation, o change any settings.	r click Back if you w	vant to reviev	v or	
	Destination location: C:\Program Files\Craft Edge\SmartPRINT Additional tasks: Additional icons: Create a desktop icon	2			
	4			Þ	
		< Back	Install	Can	cel

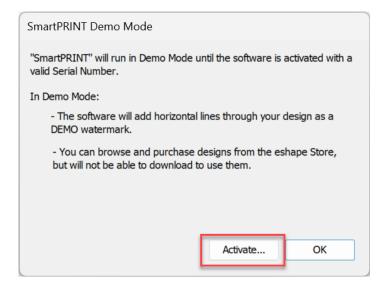
Step 7. Check "Launch SmartPRINT<sup>™</sup>," and then press "Finish" to compete installation.

🔂 Setup - SmartPRINT 2.01	0 — 🗆 🗙
	Completing the SmartPRINT 2 Setup Wizard
	Setup has finished installing SmartPRINT 2 on your computer. The application may be launched by selecting the installed shortcuts.
	Click Finish to exit Setup.
	Launch SmartPRINT
	Finish

Step 8. Run SmartPRINT<sup>™</sup>.



Step 9. Select "Activate…" to initiate SmartPRINT<sup>™</sup>. Please make sure computer is connected to internet.



Step 10. Enter your name in the Name column and the 25-digit software key that we e-mail to you, and press "OK" to complete the installation.

Activate S	SmartPRINT	×
Please er Name: Serial:	nter your Name and Serial.	
If you ar	rate manually Cancel OK re unable to activate, check the Activate manually option, and obtain your on code at:	
Activatio	n	×
1	Thank you for activating the software. If you need to move the software to a new computer, you can choose to Deactivate under the Help menu (Requires an Internet connection). Uninstalling the software from a computer does not automatically deactivate it.	

Step 11. SmartPRINT<sup>™</sup> is ready to use. It's recommended registering SmartPRINT<sup>™</sup> to receive tech support and updates. If you lost your serial number, registering will help you retrieve it.



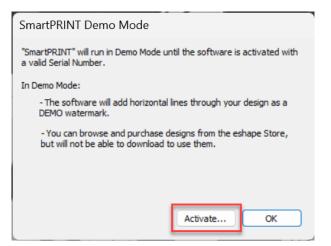
#### NOTE

✓ If you use a trial version of SmartPRINT<sup>™</sup> to output graphics, meaning you do not enter the software key to activate the SmartPRINT<sup>™</sup> mentioned above, there will be two extra lines cut through the design. Make sure the SmartPRINT software is activated before implementing cutting jobs.

#### 1.2 Manually Activate Software

The serial number of SmartPRINT can be activated on 2 PCs. If your PC crashed or re-installed the OS, please refer to the following steps to "Activate manually" for your SmartPRINT.

Step 1. Run the software on your PC, then you will see the "demo mode" window, please click the "Activate..." button to continue.



Step 2. Please check the checkbox on "Activate manually", the site code will be shown automatically.

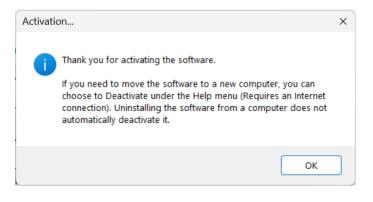
Activate SmartPR	INT	×
Please enter your Na	ne, Serial and Activation Code.	
Name:		
Serial:		
Site Code:	625106-663346-310926-	
Activation Code:		
Activate manually	Cancel OK	
If you are unable to a Activation code at:	activate, check the Activate manually option, and obtain yo	ur

- Step 3. Click the following link according to your software to open the "Generate Activation Code" page. SmartPRINT: <u>Software Activiton SmartPRINT</u>
- Step 4. Key in your name, serial number, and site code on the website, then click the "Generate Activation Code" button to get a code.
- Step 5. Now, you will get an activation code.

GCC
Serial 760202-253276-561241-253904-171002
(Ex: 12345-12345-12345-12345-12345) What is this?
Site Code 625106-663346-310926-343229
(Ex: 12345-12345-12345-12345) What is this?
Activation Code 733176327711
Activation Code is for "SmartPRINT for Windows"
Generate Activation Code

Step 6. Back to the activate window of the software, key in your name, serial, and activation code, then click the "OK" button to activate your software.

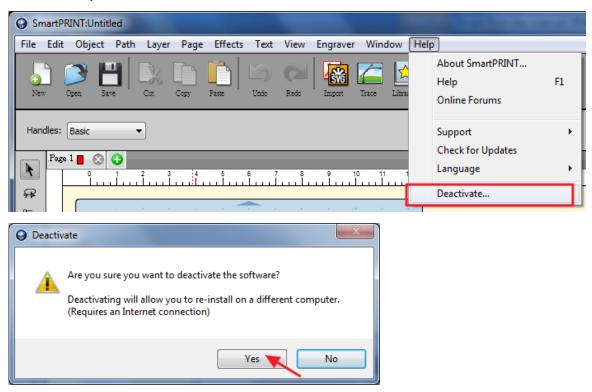
Step 7. The activation is completed.



#### **1.3** Re-install SmartPRINT<sup>™</sup> Software

If you change a new computer, you may need to deactivate your SmartPRINT<sup>™</sup> software first and re-install it on your new device.

Go to "Deactivate…" under Help from Toolbar, press "Yes" to confirm, then follow the installation procedure and apply **the same 25-digit code** to activate SmartPRINT<sup>™</sup> on another computer.



#### **1.4** How to Reset SmartPRINT<sup>™</sup> License If PC is Format

How to reset SmartPRINT<sup>™</sup> license if your PC is format without deactivate flow? Follow the following steps, and you should be able to use SmartPRINT<sup>™</sup> again.

Step 1. Click on the web site link <u>https://reurl.cc/6QvboO</u>, this page can be used to reset your serial number if you need to re-install the software again due to problems such as a computer crash/reformat where you were not able to de-activate your copy off the computer first.

	e used to reset your serial number if you need to re-install the software again due to problems such as a compute where you were not able to de-activate your copy off the computer first.
	an activated copy installed and you wish to deactivate to install on a different computer, you can choose Deactiva menu in SmartPRINT instead of using this webpage. The deactivation option in SmartPRINT requires an internet
	u will only be able to use this page on a limited basis to reset your serial number. If you need your serial reset age page, you will need to contact GCC Support for help.
IP Address Log	gged:
Name:	
Serial:	
Serial:	the reason you are needing to reset your serial number
Serial:	the reason you are needing to reset your serial number
Serial:	the reason you are needing to reset your serial number
Serial:	the reason you are needing to reset your serial number
Serial:	the reason you are needing to reset your serial number
Serial:	the reason you are needing to reset your serial number

Step 2. Simply fill up your name and the serial number that you would like to deactivate, and then press submit.

Name: Serial:	
Please describe the reason you	are needing to reset your serial number
	~
Submit	

Step 3. After the "Deactivate" process on the web site, you can enter the serial number on PC to start use the same license again.

Activate SmartPRINT			×
Please enter your Name and Serial.			
Name:			
Serial:			
□ Activate manually		Cancel 2	OK
If you are unable to activate, check t	ha Activata mai	nually option and ob	tain your
Activation code at:	ne Activate ma	nually option, and of	kam you
Activation code at:			

### 2. Output to GCC Laser Via SmartPRINT<sup>™</sup> software

Below illustration a quick manual how to print from SmartPRINT<sup>™</sup> to GCC LaserPro machines. Please refer to SmartPRINT<sup>™</sup> Help from top Toolbar for various software function introduction and detailed operations.

SmartPRINT:Untitled	
ile Edit Object Path Laye	Page Effects Text View Engraver Window Help
New Open Save Cut Handles: Basic	About SmartPRINT Copy Peste Undo Redo Import Trace Labor Support + Check for Updates Language +
SmartPRINT Help	
Hide Back Print Options	
Contents       Index         Image: Standard Standard Standard Install       Image: Standard Standa	<ul> <li>SmartPRINT</li> <li>Features</li> <li>Works with GCC Laser Engraving machines.</li> <li>Works with your installed TrueType and OpenType fonts on your computer</li> <li>Import various file formats, including SVG, PDF, EPS, WPC, GSD, FCM</li> <li>Drawing tools to draw and edit shapes</li> <li>Auto tracing feature to automatically convert images (including jpg, bmp, gif, png) to vector artwork</li> <li>Weld overlapping letters and shapes together</li> <li>Select styles, including Shadow and Blackout, to change the look of your letters and shapes</li> <li>W Y SIW Y G Interface - What you see is what you engrave</li> <li>Available for Windows and Macintosh OSX</li> </ul>
Menus     File Menu     Edit Menu     Object Menu     Dobject Menu     Dayer Menu     Page Menu     Effects Menu     Text Menu     Engrave Menu     Engrave Menu     Emgrave Menu     Emgrave Menu     Emgrave Menu	<ul> <li>(Win) Windows XP/Vista/7/8/10</li> <li>(Win) Intel Pentium or equivalent processor</li> <li>(Mac) Mac OSX 10.6 - 10.11</li> <li>(Mac) Intel based processor</li> <li>512 MB of RAM or greater</li> <li>50 MB of available hard disk space</li> <li>USB Port 1.1 or 2.x</li> </ul>

#### 2.1 Change Language

Engraver Window	Help		
	About SmartPRINT		
	Help	F1	
Import Trace Lib	Online Forums		
	Support	>	
_	Check for Updates		
160 170 180 190 200 210 220	Language	>	Oefault> 480
			English (en)
			Chinese Simplified (zh-hans)
			Chinese Traditional (zh-hant)
			Dutch (nl)
			French (fr)
			German (de)
			Italian (it)
			Japanese (ja)
			Portuguese (pt)
			Russian (ru) —
			Spanish (es)

Step 1. Launch SmartPRINT<sup>™</sup> software and select Language under Help.

Step 2. Select the required language, and restart the program to switch to new language.

#### 2.2 Setup Link to GCC Laser Machine

- Step 1. Launch SmartPRINT<sup>™</sup> software.
- Step 2. Select "Manage My Engravers..." under "My Engraver."

Effects Text View	Engraver Window Help	
Paste Undo Redo	Mat Size Mat Orientation	
	Preview Ctrl+Shift+P	-
	Engrave with GCC	
	My Engraver 🔪 🕨	Manage Engravers
5 6 7 8 ++   + + +   + + +   +	9 10 11 12 13 14 15	GCC

Step 3. Select the company as "GCC" and define the machine model you want to work with.

Manage My Engravers	_	×
Machines you currently have added are listed b button to add another Brand/Model.	elow. To add another r	machine, click the Add
	Add a machine	
GCC	Company/Brand:	GCC
	Model:	C180II
	< Add to list	C180II Mercury III - MG380Hybrid Spirit Spirit Spirit GLS
		Spirit LS S290LS HHS S290LS LRM
4 III >		S290LS RMZ S290LS SHS
Remove Remove All		T500 Venus II X252
		X380

Step 4. Select "Mat Size" under "Engraver" to choose corresponding machine and work area.

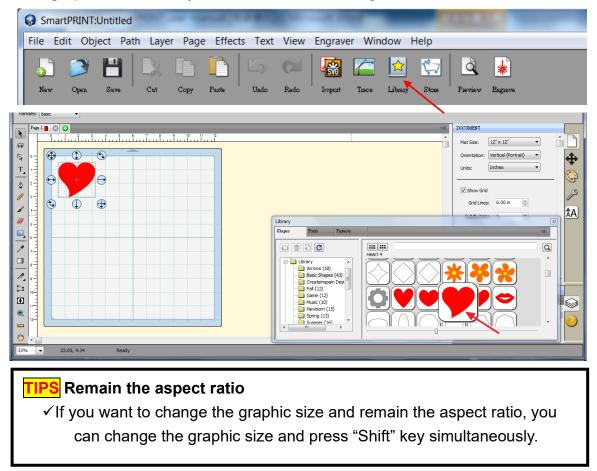
Engraver Window Help	_
Mat Size >	12"x12"
Mat Orientation >	12"x24"
Preview Ctrl+Shift+P	A3 (29.7x42 cm)
Engrave with GCC	A4 (21x29.7 cm)
My Engraver >	458x305 mm (C180ll)
my Englavel	300x210 mm (Venus II)
10 11 12 13 14 15 16	635x458 mm (Mercury III)
	740x460 mm (Spirit/LS/S290)
	960x610 mm (Spirit GLS/MG380)
	Custom Size

Step 5. Select "Mat Orientation" to change the mat direction to be portrait or landscape.

Eng	graver Window Help		_		
	Mat Size	•	4		
	Mat <b>Qrientation</b>	Þ		Horizontal (Landscape)	
	Preview	Ctrl+Shift+P	<	Vertical (Portrait)	
	Engrave with GCC My Engraver	Þ			

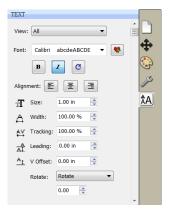
#### 2.3 Insert Graphics from Library

Select graphics from library to insert a selected design.



#### 2.4 Draw Text

Click on the Text icon (<sup>T</sup>) at left side to create the text and select the font type you like at text window in the right side.



SmartPRINT-Untitled         File       Edit       Object       Path       Layer       Page       Effects       Text       View       Engraver       Window       Help         June       Opes       Save       Cor       Copy       Fame       Line       Copy       Line	
Pipe 1       Image: Section of the sectio	Image: Source of the second

#### 2.5 Import Design

If you have created your design in other design software, go to "Import" under File to import it, SmartPRINT<sup>™</sup> supports pdf, svg, ai. Eps, scut, scal, , png, fcm, gsd, and wpc file formats.

File Edit Object Path New Project Open Project Save Project Save Project As Import Export Trace Image Place Image Send to eshape Store Share Project Sync My Library	Layer Page Ef Ctrl+N Ctrl+O Ctrl+S Ctrl+Shift+S Ctrl+Shift+I Ctrl+Shift+E Ctrl+Shift+T	Network	File name: Files of type:	All Readable Files All Readable Files Scalable Vector Files (*.svg,*.svg2) Sure Cuts A Lot Design (*.scal) PDF Files (*.pdf) PNG Files (*.pdf) PNG Files (*.pdf)	l8) pes (43) _
eshape Store Share Project Sync My Library	•		Files of type:	All Readable Files Scalable Vector Files (*.svg,*.svgz) Sure Cuts A Lot Projects (*.scut, *.scut2, *.scut3, *.scut4 Sure Cuts A Lot Design (*.scal)	l) (8)

#### 2.6 Trace Image

SmartPRINT<sup>™</sup> allows you to import image files and trace the image contour for cutting.

Step 1. Go to Trace Image under File, or select Trace Image icon on the toolbar to open the setting window.

\varTheta Si	martPRINT:Untitled				1.5	-
File	Edit Object Path	Layer Page	Effects Text	View	Engraver	Window H
	New Project	Ctrl+N				
	Open Project	Ctrl+0		Redo	Import	Trace Library
	Save Project	Ctrl+S		1000	Import	Index Lineary
	Save Project As	Ctrl+Shift+S				
	Import	Ctrl+Shift+I	_	_	_	_
	Export	Ctrl+Shift+E	8 9 10	11 12	13 14	15 16 17 1
	Trace Image	Ctrl+Shift+T		<u>uiluul</u>		
	Place Image				<u> </u>	
	Send to	1				

Step 2. Click on "Choose an image" to import the file, adjust Image Settings and Output Settings, and click "OK". Then the outline of the image will be outputted automatically.

#### Input Settings

Choose an Image: click "Choose an image..." button. The program can accept most files (.bmp, .jpg, .gif, .png).

O Trace Image		
Input Choose an image Choose an image	Output Show Nodes Show Source Image:	Nodes:

#### Image Settings

**Mode:** Define the tracing mode.

• Monochrome Mode - will trace as if the image is a black and white image.

Image Settings	
Mode: Monochrome 🔹	
Contrast (0-100):	212 🚔

- **Contrast:** this value will determine the cutoff to whether parts of the image should be traced. When you adjust the contrast value, the preview will change to a black and white image showing what parts of the image will be traced. To see tracing result, click the "Update Preview" button.
- Color layers Mode will segment the image into the specified number of colors.

Image S	Image Settings							
Mode:	Color	layers		-				
Max Co	lors (2-	256):	-0				9	×
								-

Max Colors: the maximum number of colors to segment the image into. You can turn off colors by clicking on the color boxes. To see trace results; click the "Update Preview" button.

<u>Single Color Mode</u> - choose <u>a specific color</u> from the image to trace.
 To choose a color, click the "color button", and then click on the preview image to choose a color.

-Image S	ettings	
Mode:	Single color	
		Choose a color in the image>

**Contrast:** this value will determine the cutoff to whether parts of the image should be traced. When you adjust the contrast value, the preview will change to a black and white image showing what parts of the image will be traced. To see tracing result, click the <u>"Update Preview"</u> button.

#### **Output Settings**

Output Settings		
Smooth (0-100):	75	<b>•</b>
Detail (0-100):	98	A V
Single Line Threshold:	0	<b>*</b>
Break Apart Outlines		Blackout
Add Image Layer (Pr	int+Cut	)

- ✓ **<u>Smooth</u>**: higher values will result in a smoother tracing.
- ✓ **Detail:** lower values will remove smaller shapes
- ✓ Single Line Threshold: this can be used if you are tracing images that have outlines shapes that are not filled solid to prevent having double lines.
- ✓ Break Apart Outlines: if checked, the trace result will be saved as separate layers for each outline created.
- ✓ **Blackout:** removes internal outlines.

#### NOTE

✓ The contrast and pixels of import images will affect the trace image result. High contrast graphics and high definition are recommended.

#### 2.7 Engrave the Design

#### 2.7.1 Define Raster or Vector Mode

- Step 1. Select the graphic objects to be output to laser system.
- Step 2. Click the style icon ( ) on the right side of SmartPRINT<sup>™</sup> to launch Style Setting Window.

SmartPRINT:Untitled	
File Edit Object Path Layer Page Effects Text View Engraver Window Help	
Image: State State     Image: State     Image: State     Image: State     Image: State     Image: State       New Open Surve     Cut     Copy     Facto     Image: Taxoe     Image: Taxoe     Image: State     Particle	
Handles: Basic •	
-=	DOCUMENT
հահահահահահահահահահահահահահահահահա	Mat Custom Size
	Orientation: Vertical (Portrait) -
	Units: Inches
↓     ↓ </th <th>Show Grid</th>	Show Grid
	Subdivision: 6
	Workspace
	100
	Show Outlines Only
	LAYERS
	👁 🔒 Layer Name
	E 2
21% • 46.99, 19.40 Ready	

Step 3. Define to output the selected graphic as Vector or Raster from the Cut Line Type drop menu. When Vector Type is defined, the selected graphic objects will be output as Vector mode (Scribing or Cutting); while if Raster Type is defined, the graphic will be output as Raster mode (fill dots/ lines), you can further adjust the

raster line width by clicking Fill & Stroke (<sup>1</sup>) icon, and adjusting the Width value for stroke.

STYLE			FILL & STRO	OKE		
Style: Normal			Fill:	Color	-	
	4	<b>₽</b>	Opacity:		100 %	<b></b>
Clipping: None  V	¢	•	Stroke:	None	X	•
Cut Line Type: Vector		S	Opacity:		100 %	1º
Vector Raster			Width:	1.00		
(Print+Cut) Cut Only (Print+Cut) Print Only	Ā	āΑ)	Join:			ĀA
L			Miter:	10.0		

#### 2.7.2 Output to Laser System

Step 1. Click on the "Engrave" icon on the toolbar.



Step 2. Choosing your GCC Laser machine and its connection.

General	Pen	Advanced	Paper	Raster
Engrav	er			
Mode	el:	Spirit LS		×
Conne	ectio	C180II Mercury III M380 Hybrid		
Port:	<	S400 JFL		
		S400 RMZ Spirit		
Setting	s	Spirit GLS		
Mode	B	Spirit GLS Hybr Spirit LS	rid	_
		S290LS HHS		
DPI:	3	S290LS LRM		
🗌 Mir	ror	S290LS RMZ S290LS SHS T500		diat
🗌 Inv	ert	Venus II		
		X252 X380		
		X500 III		
Preset	5			

Step 3. Select laser engraving mode. There are four mode settings- Black & White, Manual Color Fill, 3D Mode, Stamp Mode, depending on the application or results you would like to achieve.

The detailed instructions for laser related parameter settings can be found on the left window.

Semeral         Mode: You can select from four primary mode settings, depending on your application or results you would like to achieve.         Black & White         Manual Color Fill         Shack & White         Black & White         Black & White         Black & White         Stamp Mode         Stamp Mode         Black & White         Black & White         Images or drawings with several colors, shades of gray, or many outines.         method similar to that of a black and white laser printer. The entire selected in age will be engraved using a single set of power and speed settings (the black and white laser printer. The entire selectod in of the manual Color Fill 30 Mode increased settings (the black and white laser printer. The entire selectod in of the manual for details regarding the PM functions).         The LaserPro Spirit print driver will interpret colored         Invert         Save       Congent Kate

Step 4. After finishing all settings, click "OK" to laser processing.