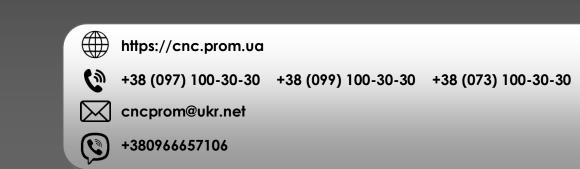


Інтернет – магазин комплектуючих для верстатів з ЧПУ



забезпечення для лазерного гравіювання





NO 1. Installed the software

1.Installed all of the accessories, then Open the CD and , click the LaserDRW





NO 2. The application of basic template

Software provides four basic template:square template,rectangle template,round template, ellipse template.And strengthen them: all of the basic template have increased double line design function.

		HIRD FOURTH	FIFTH	x	
Choose the text you want to amend,and amend the words in the	Width Height 50.00 mm 35.00 mm Double line gap 2nd Line width 0.50 mm 0.50 mm	Text angle In	ext-line gap .00 mm v nage size 3.00 mm v	Load <u>I</u> mage	If you want
column above.	TEXT LASERDRW DO BETTER FOR			Add Del Ø Bold Italic Outline Pour	double line , only need √ here
Don't recommended, very cumbersome		AsciiFont Arial ar Width 4.00 mm		 ✓ Auto 6.00 mm ▲ Cancel 	

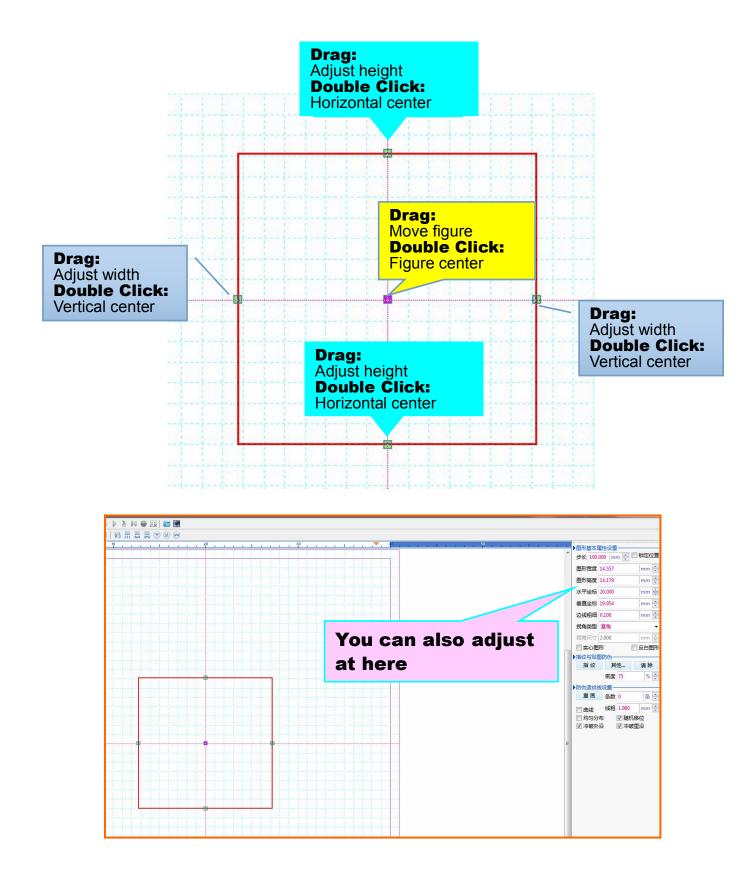
(1) the ungroup is very cumbersome, in special circumstances can be used. If you want change the font or position of a word, you can finish the composing first , than click on the icon, than you can change the word.



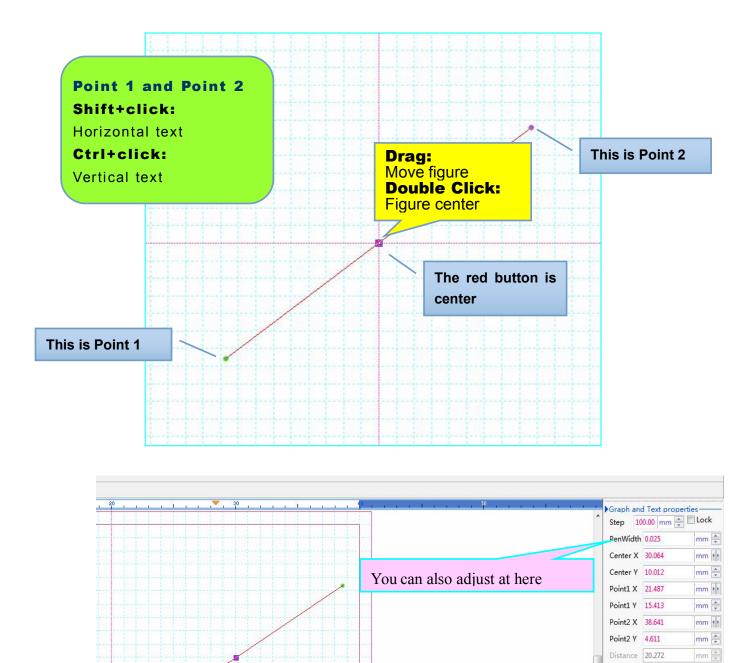
NO 3. The visual design presentation

In the basic template, you can only see the effect after you adjust, but in the visual design, you can see the effect wen you adjusting.

1.The visual design of figure



2. The visual design of line segment



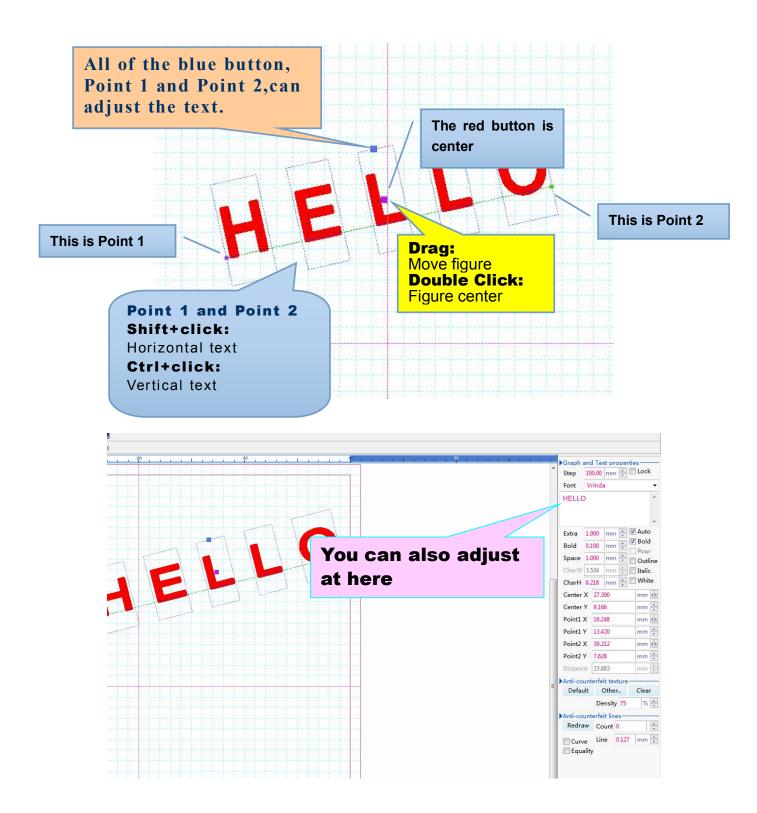
White Anti-counterfeit texture – Default Other..

Clear

%

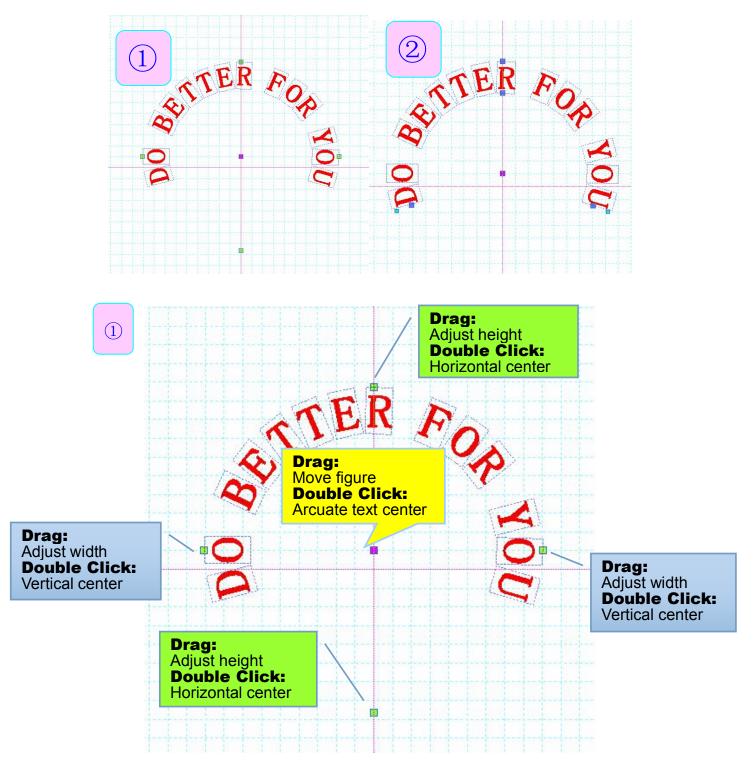
Density 75

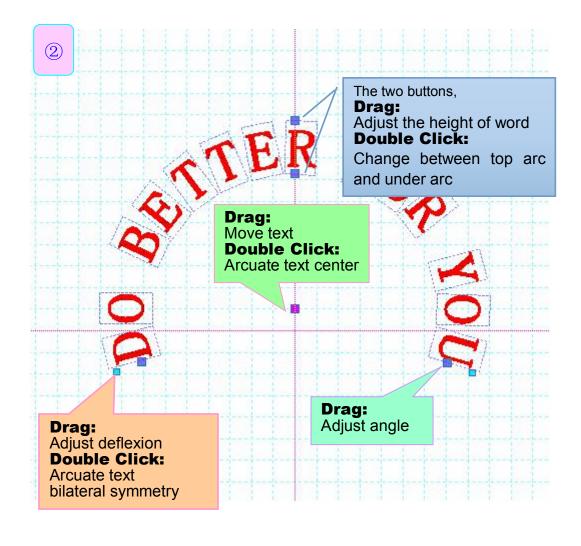


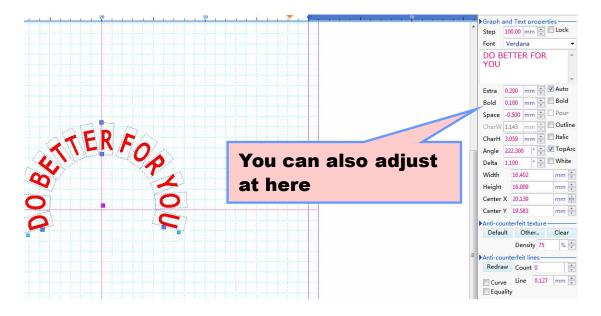


4. The visual design of arcuate text (two ways can be choose)

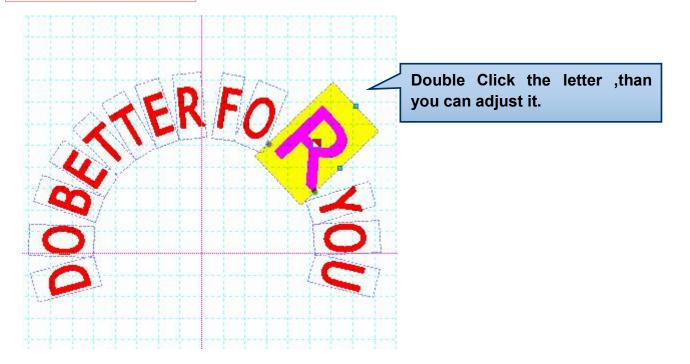
Click the text can change between the two ways !



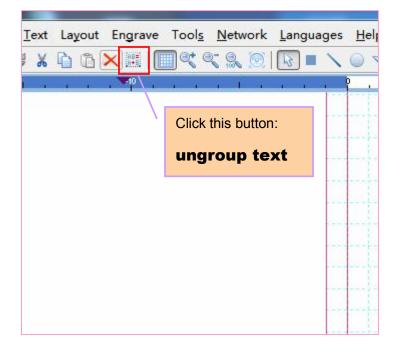


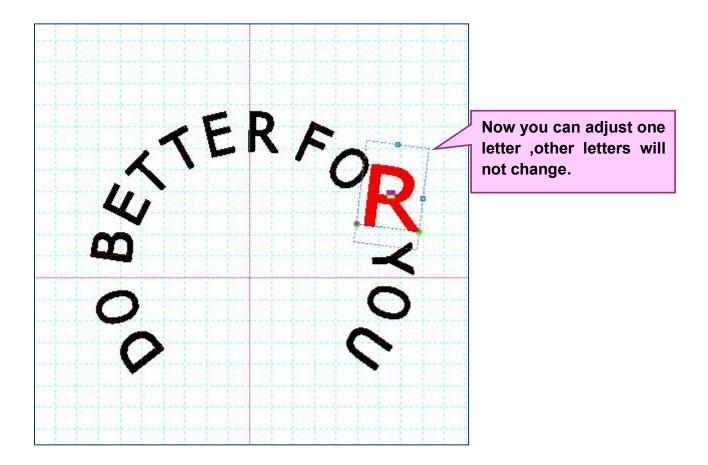


5. Text fine-tuning



In this way, adjust the width ,all the words will adjust. If you only want adjust one letter ,you can ungroup text,than adjust it





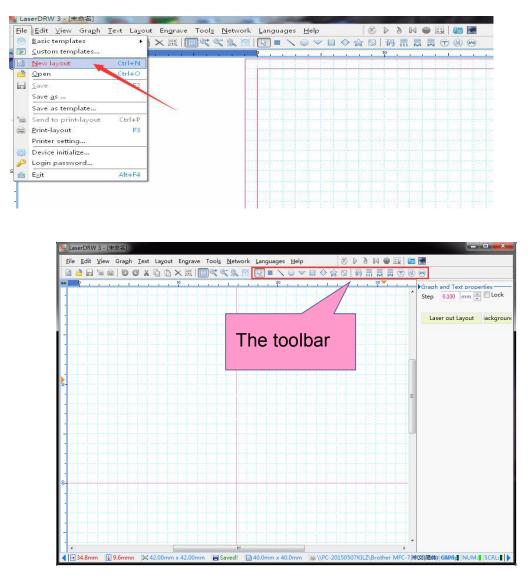
This software for typesetting language is very simple, other softwares can't do it. LaserDRW is only the most practical and most useful software!

NO.3 Visual graphics operation

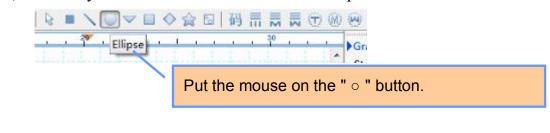
If you want to create your own basic template, first of all you need to learn drawing.

Need to use the toolbar:

3.click the new layout ,in set of layout ,choice a good size ,model ,click ok

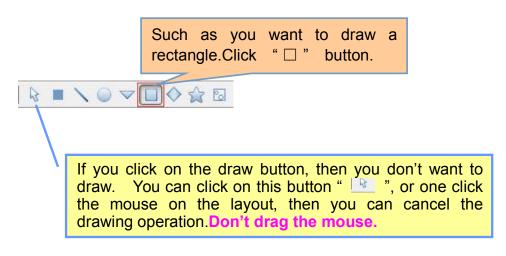


If you move the mouse to the tool button, it will display the prompt information, and told you the button can draw which shape.

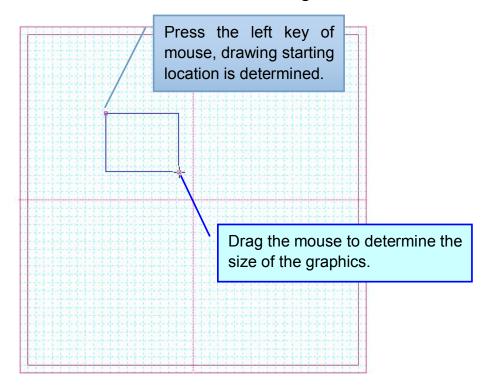


1. Drawing graphics

First : Using the mouse to click a button.



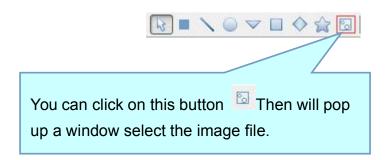
Second : Move the mouse to the layout. The mouse will become "+". Press the left mouse button and drag the mouse.

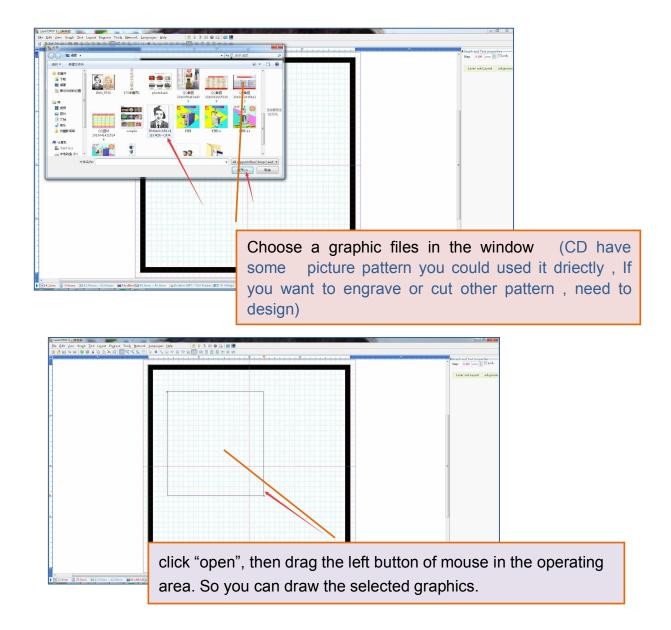


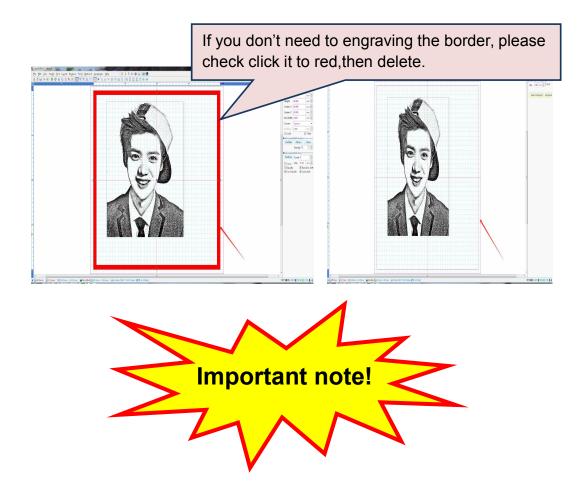
Warm prompt : If click of the mouse in the operating area, not drag the mouse, it will not draw graphics.



The software support insert images. Format for bmp, jpg, png, gif, wmf, emf, pcx, tiff and so on.







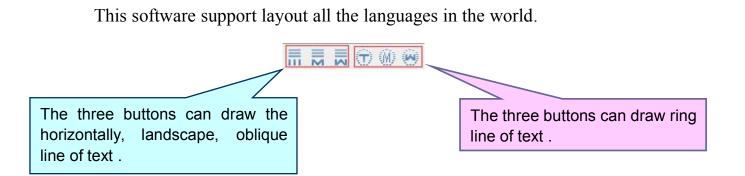
Because laser engraving only use black and white image.

Drawing text

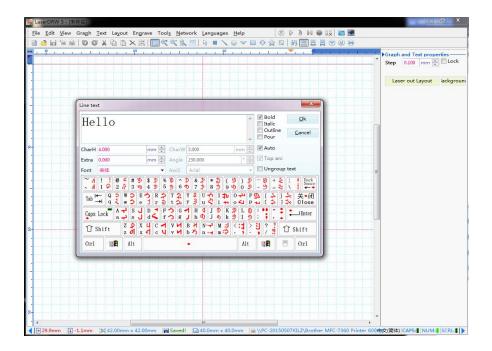
3.

If you want to carving design graphics, please use the black and white graphics, don't use color graphics.

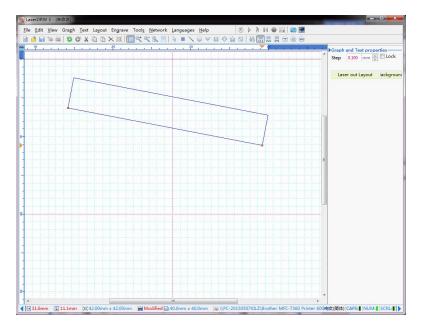
If you insert the color images for laser engraving, it can be carved but the effect is bad, you should be used only when output images or print.



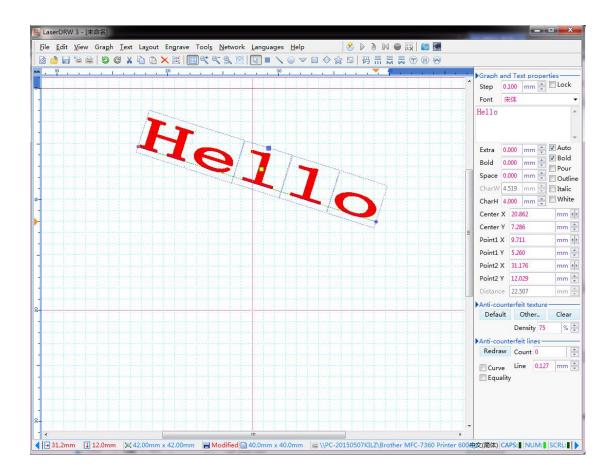
Click on a button, as shown in the following window will appear, you can set some basic parameters in the window. Such as font, charH, charW, etc. And enter to draw the text(below is entered the English language), Click "OK" to close the window.



Then drag the mouse in the operating area.



You can draw text.





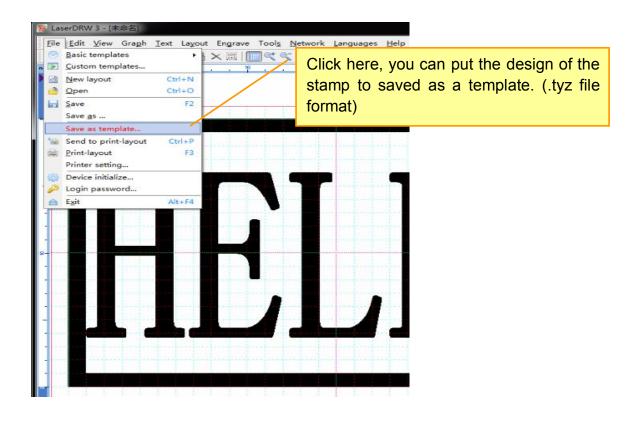
The font must be set correctly. Otherwise the mapped text will be messy code.

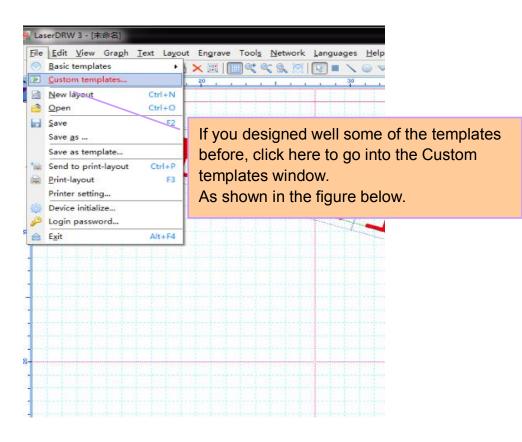
NO.4 Rapid design stamp

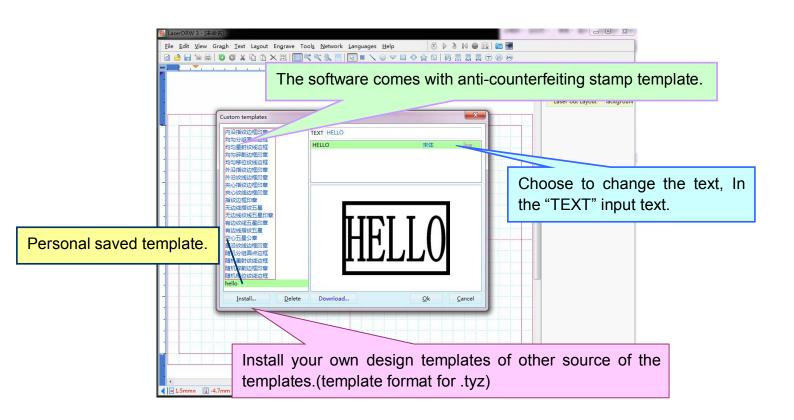
If you want to quickly complete stamp design, you can used Custom templates.

The Basic templates lack of flexibility. You can design your own Basic templates.

The Custom templates is faster than the software own Basic templates. And to achieve standardization.



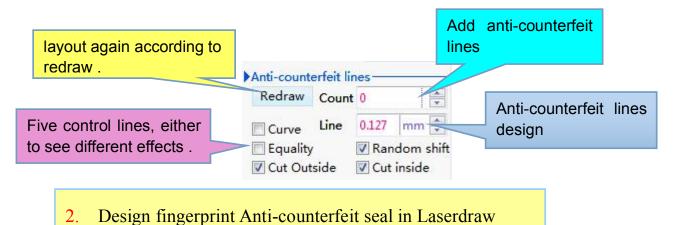




NO.5 Anti-counterfeiting seal design guidance

1. Design Anti-counterfeit lines in Laserdraw software

The anti-counterfeit lines is radomly generated ,not only anti-counterfeiting, but also could increase the seal quality of art .

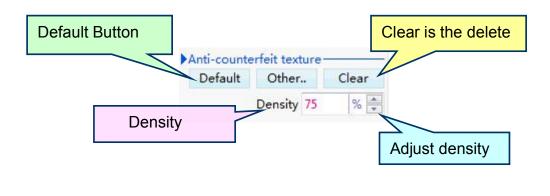


Design default anti-counterfeit seal select a graphic , and then click the default button .

For the selected set default graphics , if not satisfied with a default , click again to reset the default .

If you want to delete the default click remove ,not only

anti-counterfeiting seal design guidance but also control the density of the default .



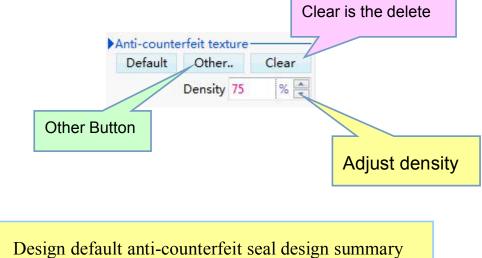
3. The Laserdrw design the anti-counterfeiting seal and the art seal

The default is the function of the Laserdrw software .

4.

Select a graphic and then click on the other button ,you can post stamp on the border of the specified pattern .

If you want to delete the other click remove ,control the density of the default.



①. Curve type anti-counterfeiting . The intensity is much higher than the straight line anti-counterfeiting .

2. Default anti-counterfeiting seal .Anti-counterfeiting intensity is many times higher than security lines .

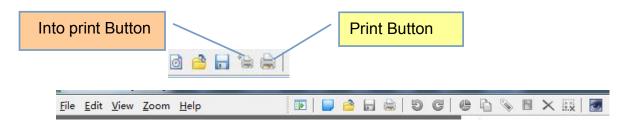
③. Adjust the density of the default anti-counterfeiting .
 Can match different seal technology ,adjust the density ensure good laser engraving effect .

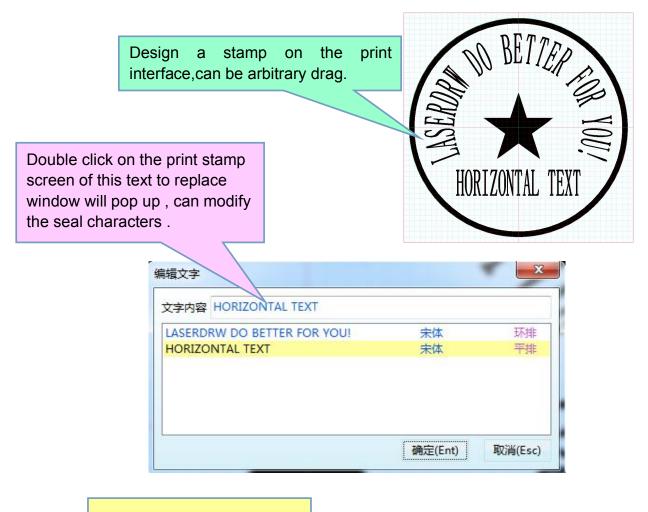
NO.6 Photosensitive seal machine print job guidance

A good seal and print design ,click on the print button .click into the print

button ,put to print stampIn the into print button . Click on the print

button directly into the printed page.





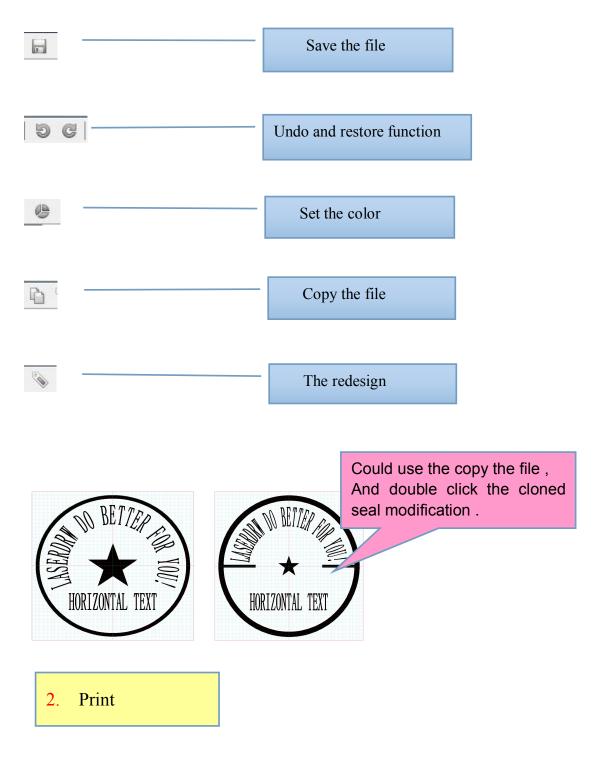
1. The function of the icon

The import file could ready-made templates ,at any time could open the file .

Print page support unlimited undo and restore function ,choice the set the color could print the stamp of any color _____.

The redsign could make a new template .

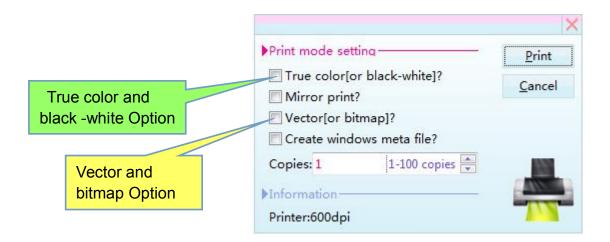
	The import file
<u>a</u>	Open the file



Print settings window ,have some control over how the print options .

Example if $\sqrt{\text{True color [or black -white] expression true color print}}$, If choice \Box True color [or black -white] expression black color print.

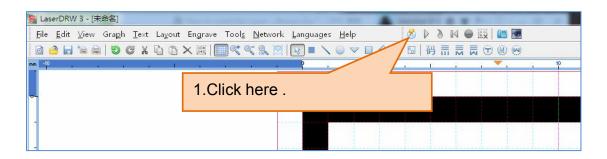
Print usually have two kind of data, vector and bitmap. Usually some printer choice the vecor, printing speed is quick, the effect is good, Some printers support for vector the effect is bad ,could choose bitmap .



NO. 7 The rubber engraving

Here can set the engraving place File Edit View Graph Text Layout Engrave Tools Network Change as your need about the rubber size File For out Layout Drawing workspace Laser workspace	1. Se	etting the Drawing work space and laser work space	
Change as your need about the rubber size		place	ng
Change as your need about the rubber size This is the material size		🖻 音 🔚 🐄 🗟 🛛 🖸 🥥 💶 Laser out Layout 🔤 약 🕵 🧑	
Drawing workspace Laser workspace		r size This is the material size	
Width80.000mmWidth82.000mmShape can changeHeight80.000mmHeight82.000mm	Shape can chang	Width 80.000 mm 💭 Width 82.000 mm 💭	
Shapes □ 矩形 Margin 2.000 mm 🚔			

2. Settings of engraving and cutting.



	Lihuiyu Studio L					I/F/K/L)SERIES		🔲 Out to file 🔻	Properti
ig-ins: S	td_Engrave.dll:B	uild-in sys.	Descrip	otion: Suppo	rt engraving a	ind cutting and	marking.		7
tate:	do nothing	Mirror 🔻	Style:	Engraving	🔽 Sunken	 Inside first 	Speed:	150.00	<u>S</u> tarting
							Pafar	□左ト ▼	
							Refer:		Read
							Refer-X:	0.0000 mm 🕩	Save

Company: Lihuiyu Studio Lab	s. 👻	Model: 6C6879-LASER-	(A/B/C/M/F/K/L)SERIES	🔲 Out t	:o file 🔻	Propert <u>i</u> es
Plug-ins: Std_Engrave.dll:Build	d-in sys.	Description: Support en	graving and cutting and mar			
Rotate: do nothing	Engraving mach	nine properties	testas + marking +		mm/s 🏝	<u>S</u> tarting
Engraving preview: Click! P	SpeedRatio: Resolution: Max speed: Coordinate: Laser-hea Logic page i Origin-X: Origin-Y:	6C6879-LASER-M2 6C6879-LASER-A 6C6879-LASER-B 6C6879-LASER-M 6C6879-LASER-B1 6C6879-LASER-M1 6C6879-LASER-M2 6C6879-LASER-B2 1000 mm 丈	Adjust thread priority Priority: lower priority definition 3.Changed the X-Rail: 200.000 4.Write the De CD50E42DCI	evice ID :	mm ↓ Ind to I mm ↓ Release	<u>C</u> ancel Pre <u>v</u> iew M2 <u>R</u> eset
	PageSizeY: ▶Mainboard ii	400.000 mm 👻 400.000 mm 👻 nitialize CD50E42DCDA35009	Set Apply Qk	Stop Cancel D	% 👻 % 👻 est laser	Unidir ■ X↔Y

Here choose mirror	Engraving is ok			
				The preview is the
Company: 聊城市开发区巨龙激	Model: KC40-LASEP (紅光定位) Description: Supplementary and cutting and mark	Out to file 👻	Propert <u>i</u> es	drawing work
Rotate: do nothing 📝 Mirror 🔻	Style: Engraving Sunken Inside first S	peed: 150.00 mm/s 💉	Starting	space
Engraving preview: Click! Press arrow key f		mmon parameters	Cancel	7
5		tside: 0.0000 mm 🚔 ame: 🗌 矩形 🗸 🗸	Preview	
		fer: □左上 🔹	Read	
CA		fer-X: 32.2078 mm	Save	
DB		fer-Y: 63.3766 mm 🚔 donot back Release	Reset	
	►Ad	vanced parameters	"2-4" a	all is ok
		ethod: All layers 🔹		
		peat: 1 times	Stop	
	Po	wer: 75 %		
		Bounds line Test laser [ser head step by		
		ep by: 0.0000 mm	This is '	"1", if you want to
		←Left →Right ↑Up ↓Down	repeat	cutting ,please
		10p +20001	change	this, if not make
ч			sure it is	s "1"
ft top positioning ,so th nt on the upper left cor the potter				
	three	material mus e edge adjo out inter spac	in the	

Which can cause the the error?

- 1. The material not adjoin the fixture
- 2. The material not measure true
- 3. The material slant setting

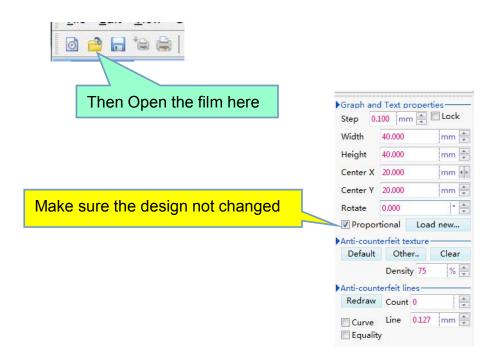
If you want cutting ,The following Settings can reference

Company	y: 聊城市开发区巨龙	激光雕刻设备)	Model:	KC40-LAS	EP AIES(ELF	etetu)		0	ut to file 🔻	Properties
Second Com	Std_Engrave.dll:Bui		Descrip	tion: Sup	ort engraving	and cutting and	marking.			
Rotate:	do nothing	Mirror 🔻	Style:	Cutting	Nearest	 Inside first 	 Speed: 	20.32	mm/s 🛓	<u>S</u> tarting
Engravi	ng preview: Click! F	Press arrow key	for step-				mo	n parame	eters —	Cancel
	F							þo	mm 🛓	
			Below	v 20 n	nm/s is c	ok ,but it	if your	色形	•	Preview
			mach	ine is	offline,	speed 20)-40	토上	•	Read
			mm/s	this t	time ma	ke the e	lectric	013	mm 🔹	Save
	CA			·	ow 70%			344	mm 🛓	Reset
			currei		500 10 70			k	Release	
		>					Advance Method:			Add task
							Pixel:	1	steps 🌲	Starting
							Repeat:	1	times 🌲	Stop
							1.20	75	%	
							V Bound	-	Test laser	🔲 Unidir
							Laser he	ad step	by	∏ X←→Υ
							Step by:	0.0000	mm 🚔	
							←Le	ft	→Right	Fixture
							1Up		↓Down	Rotary

NO.8 engraving on Artwork

Open the bmp, dib ,jpg, jpeg. gif, png,wmf. Emf .pcx .tif..tiff as so on film.

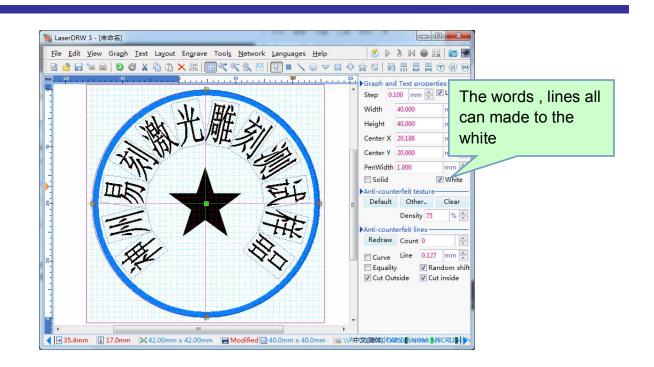
The film is white and black o	nes.	Set the size as the engraving size
When you need to engrave	New layout	
the designed films,click it	Drawing workspace Las Width 40.000 mm Wid	er workspace
		ght 42.000 mm 🚔
	Shapes 🗌 矩形 🔻 Ma	rgin 2.000 mm 束
It is rectangle in common	Auto create main shape	Ok <u>C</u> ancel



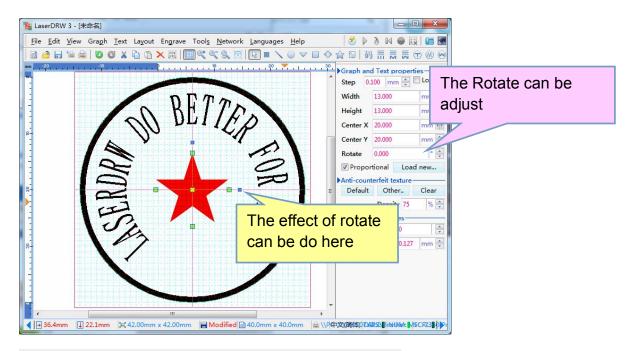
Engraving the photos:

The colorful photos can not engraving clearly, you can put the photos into the photo shop to change the colorful photo to black and wight latticed ones with 500 dpi. Then you can engrave the clear picture.

NO.9 engraving with the white

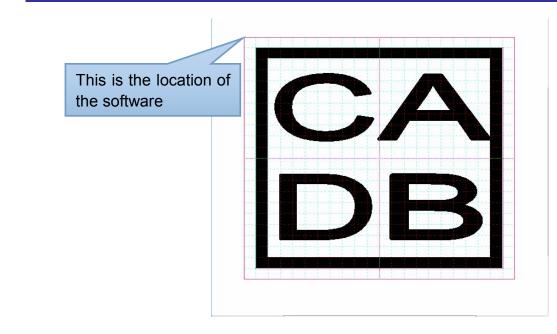


No. 10 Rotary carving



The function of the rotation is the center Rotary.

N0.11 The Guide of Location



Company: 🏢	城市开发区巨龙激动	出雕刻设备)	Model: KC40	-LASER-S	ERIES(红光	;定位)		🔲 Ou	t to file 🔻	Properties
Plug-ins: Std_	Engrave.dll:Build-	in sys.	Description: S	upport e	ngraving a	and cutting and	marking.		-	,
Rotate: de	o nothing		Chiles Francis		C., line	- 1- 11- C	Speed:	150.00	mm/s 🜲	Starting
Engraving p	review: Click! Pre	The	location	can	be	changed	Commor	parame	ters	Cancel
		here	,through	the	Refe	er-X and	Dutside:	0.0000	mm 🌲	
		Refe	r-Y				Frame:	□矩形	•	Preview
		T COTO	•				Refer:	口左上	•	Read
	CA						Refer-X:	31.1688	mm 🚺	Save
							Refer-Y:	69.6104	mm 🌲	Reset
	DE	5					donot	back	Release	<u>N</u> eset
							Advance			
							Method:	All layer	rs 🔻	<u>A</u> dd task
							Pixel:	2	steps 🜲	Starting
							Repeat:	1	times 🐥	Stop
							Power:	75	%	
							V Bound	ds line	Test laser	🔲 Unidir
							Laser he	ad step b		∏ X←→Y
							Step by:	0.0000	mm 🚔	
							←Le	ft	→Right	Fixture
							1Up		Down	Rotary

Current and speed setting (only reference)

material	current	engraving speed
acrylic	20-50	120-400
glass	20-30	200-400
double-color plate	15-20	120-400
wood	15-30	200-350
paper	15-20	120-400
leather	15-30	120-300
fabric	15-20	120-300
rubber	15-50	120-400
marble	40-60	100-200
shell	30-50	120-300
resin	20-40	200-400
MDF board	20-50	120-300

Important note

Appendix:

Every main board of the machine has a own Verification code, so there is a Usb-key to the machine software.And there is a ID for the software and the main board ,you can test the truth for the software and the main main board.