LaserDRW Software Setting

For laser engraver machines,

SL-320, 40W 300*200mm

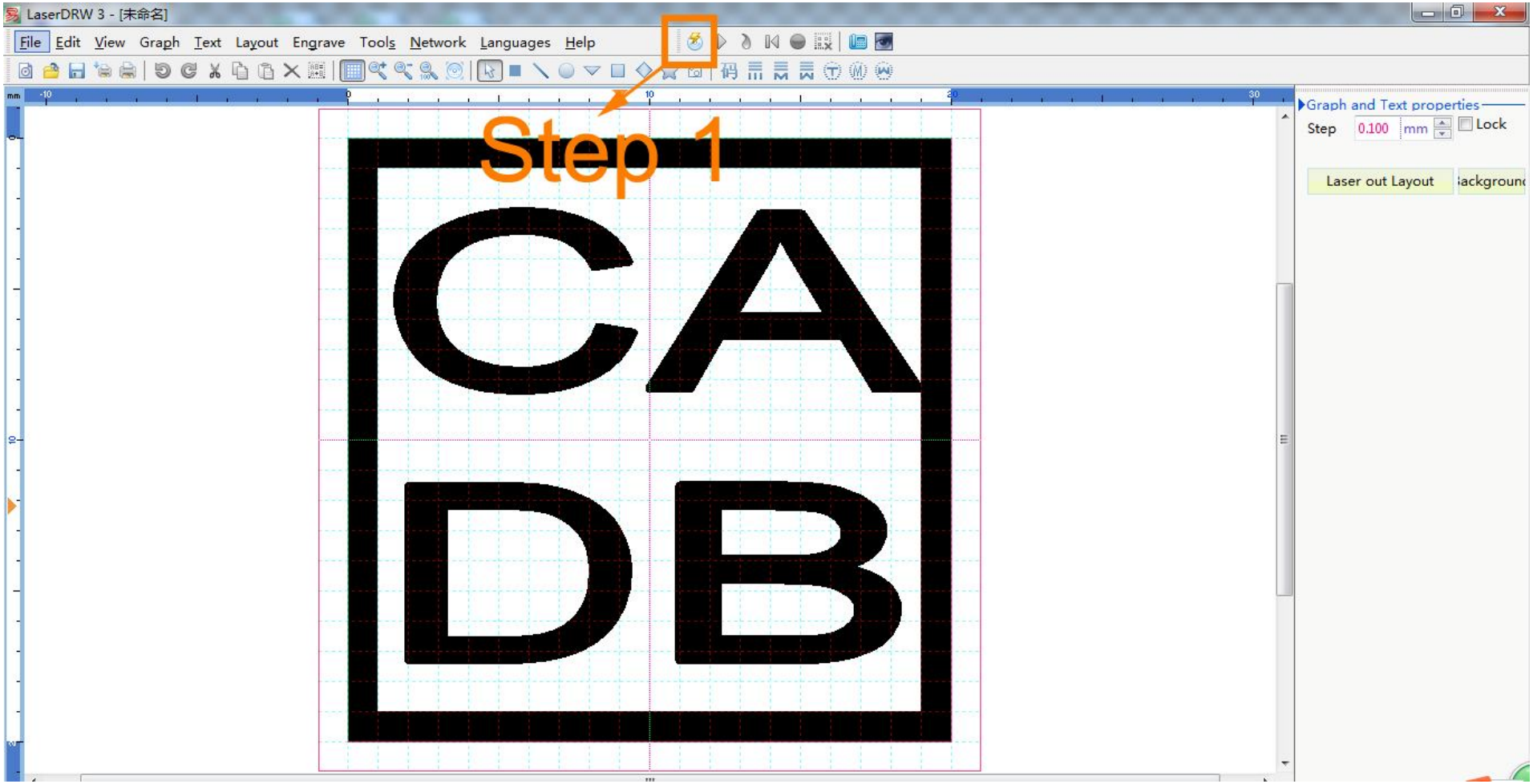
SL-460, 50W/60W 600*400mm

SL-1040/XB-1040, 80W/100W 1000*400mm

SL-1060/XB-1060, 80W/100W 1000*600mm

Please note that, this document for your reference only.

Step1



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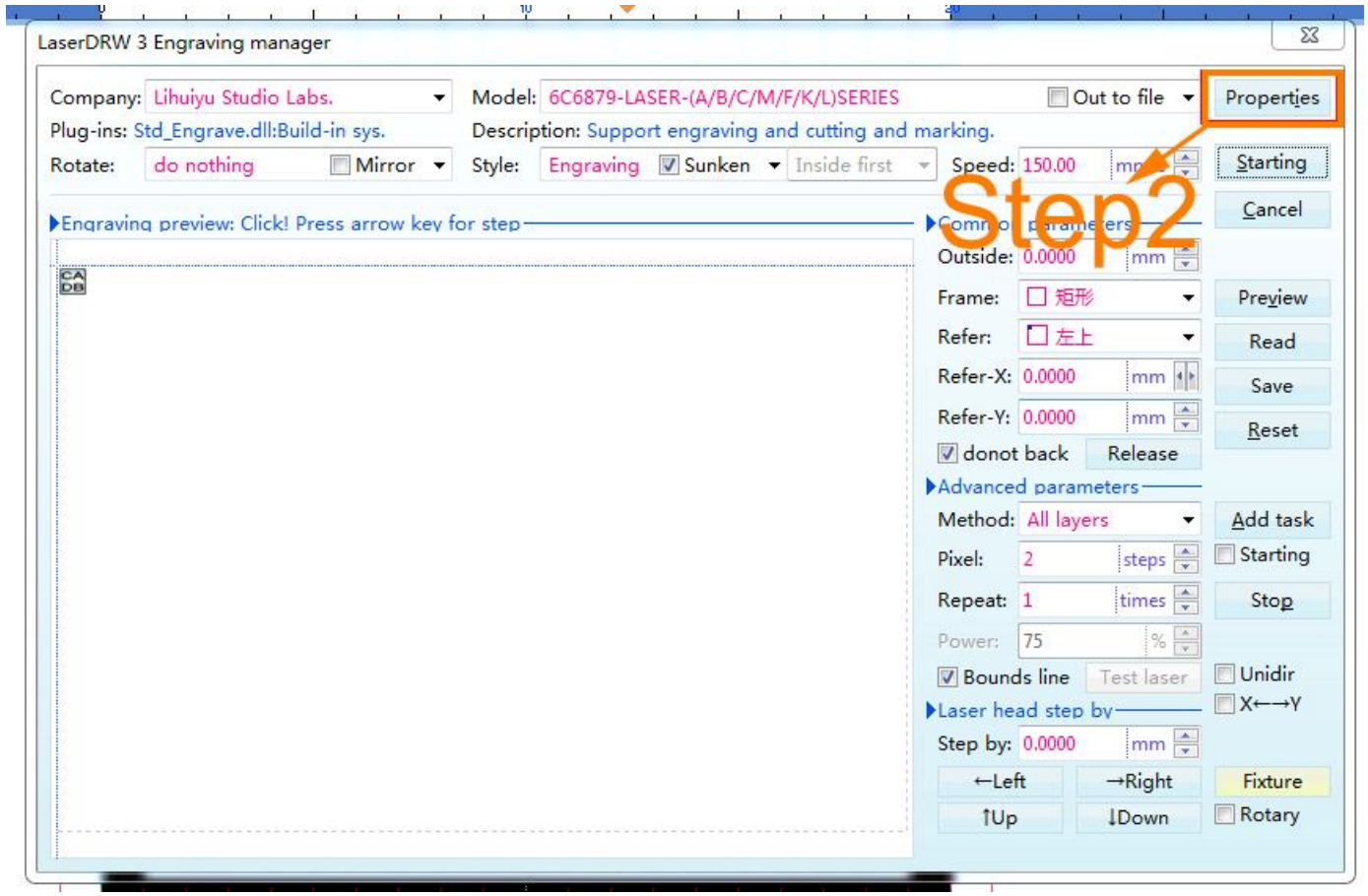
Step2

Click “ Properties”



Step3

1) Must choose the right motherboard type, or machine working speed will be very low.

2) Machines have 2 different type motherboards,

One is 6C6879-LASER-M2, the other is 6C6879-LASER-B1

Usually,

For 6C6879-LASER-M2,

SL-320, 40W 300*200mm laser CNC engraving machine

SL-460, 50W/60W 600*400mm laser CNC engraving machine

For 6C6879-LASER-B1

SL-1040/XB-1040, 80W/100W 1000*400mm laser CNC engraving machine

SL-1060/XB-1060, 80W/100W 1000*600mm laser CNC engraving machine

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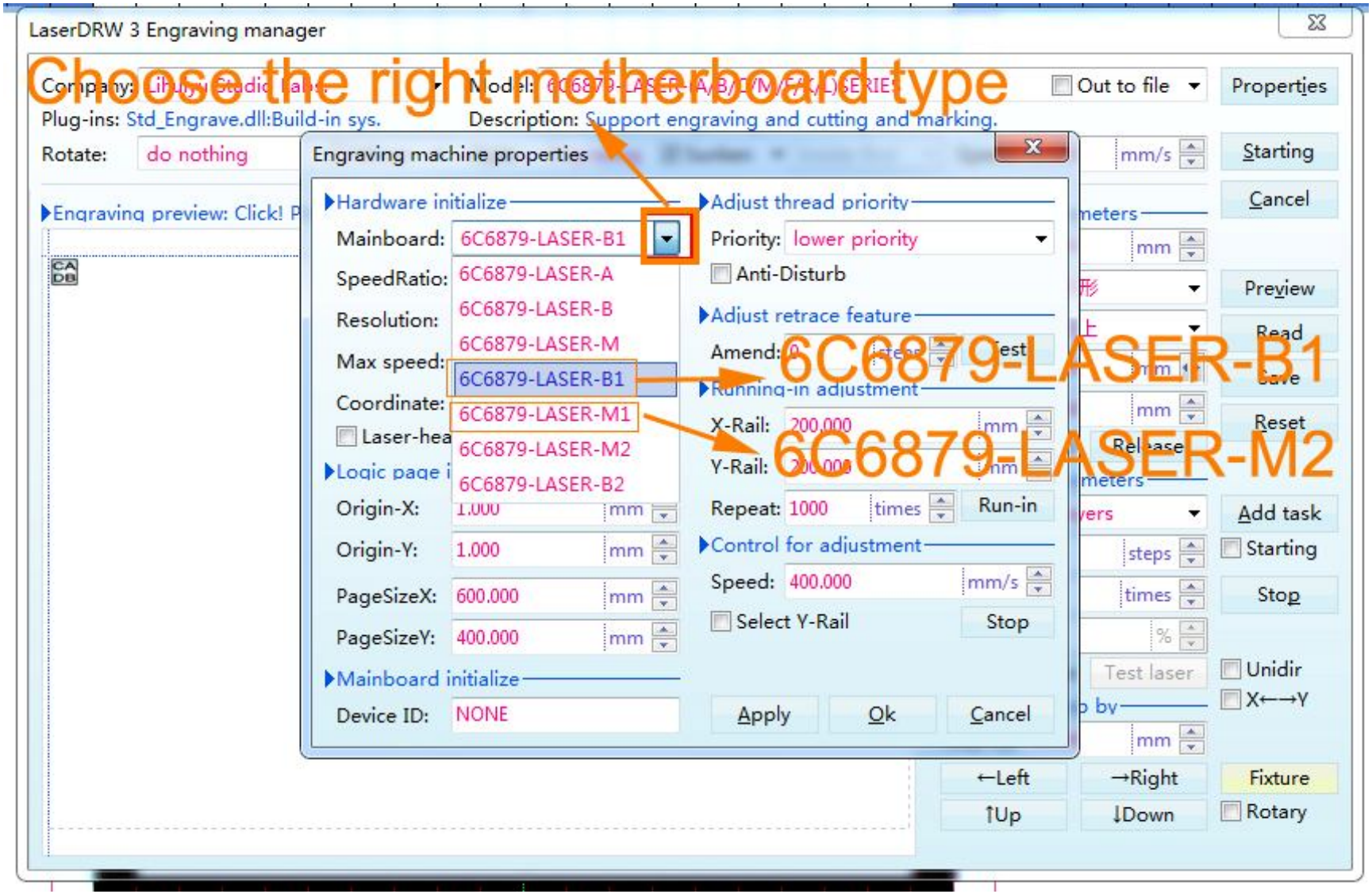

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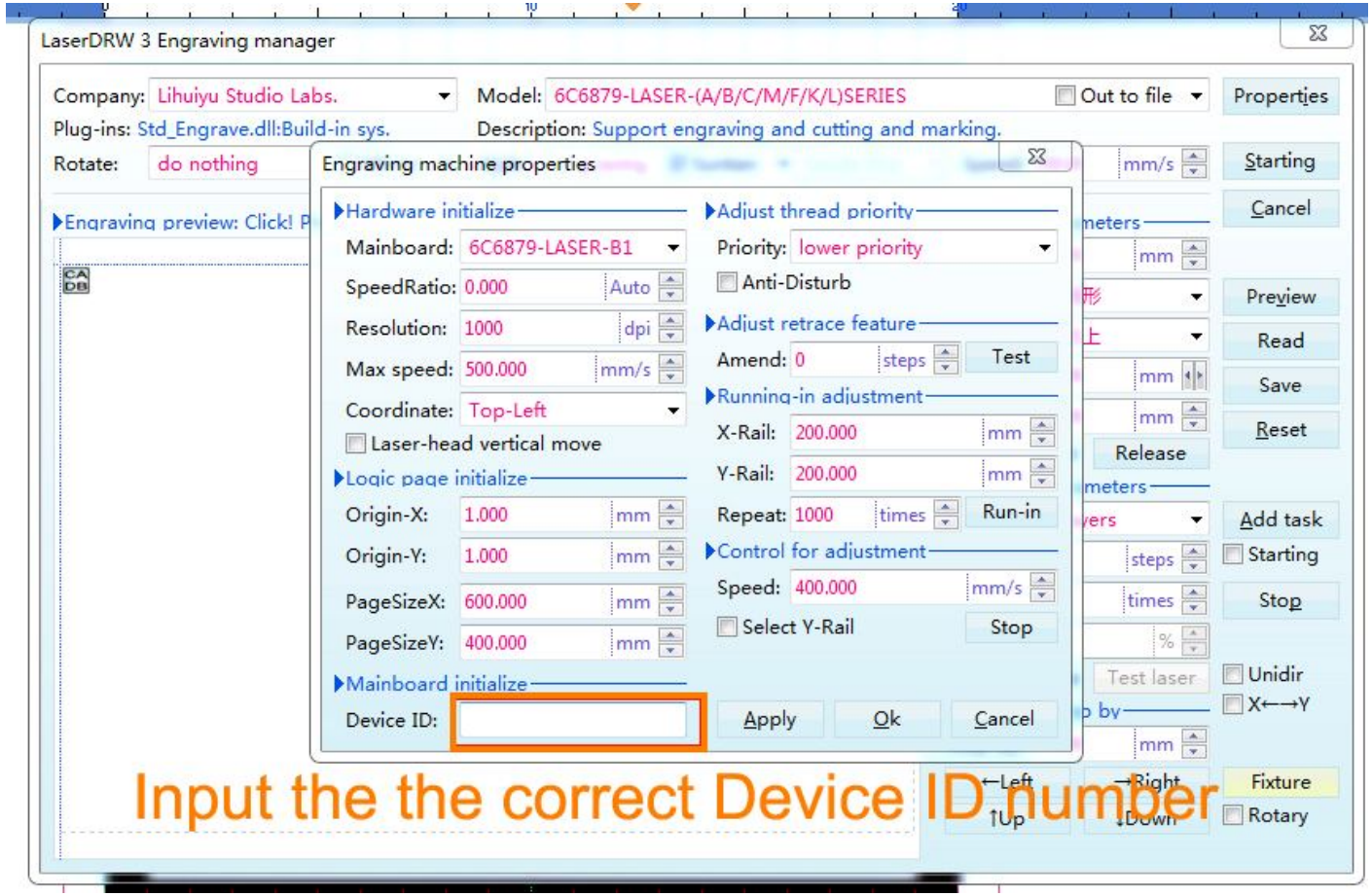
Step4

Input the correct “Device ID” number.



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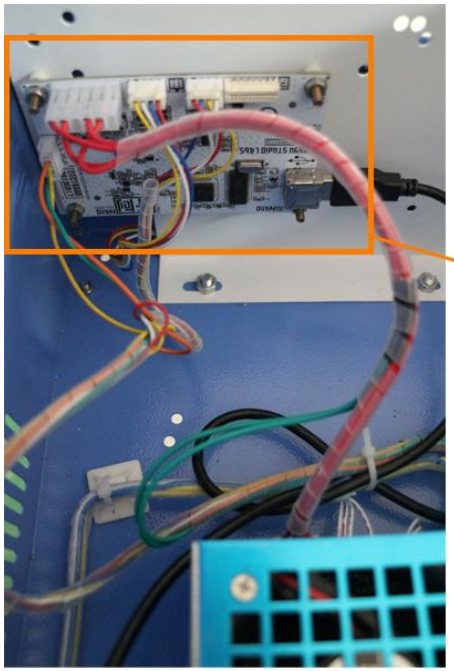
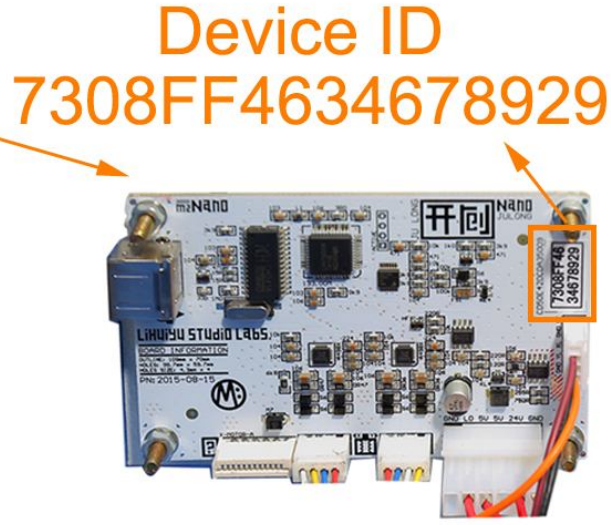
Each machine has an unique device number, to find the device number, you need to find the motherboard of machine firstly.

For example,

For SL-320, 40W 300*200mm laser CNC engraving machine





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But for these type machines, motherboards usually are in the same place.

SL-460, 50W/60W 600*400mm laser CNC engraving machine

SL-1040/XB-1040, 80W/100W 1000*400mm laser CNC engraving machine

SL-1060/XB-1060, 80W/100W 1000*600mm laser CNC engraving machine

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Step5

Recommended value,

Max speed: 500.000 mm/s

Control for adjustment, Speed: 400.000 mm/s

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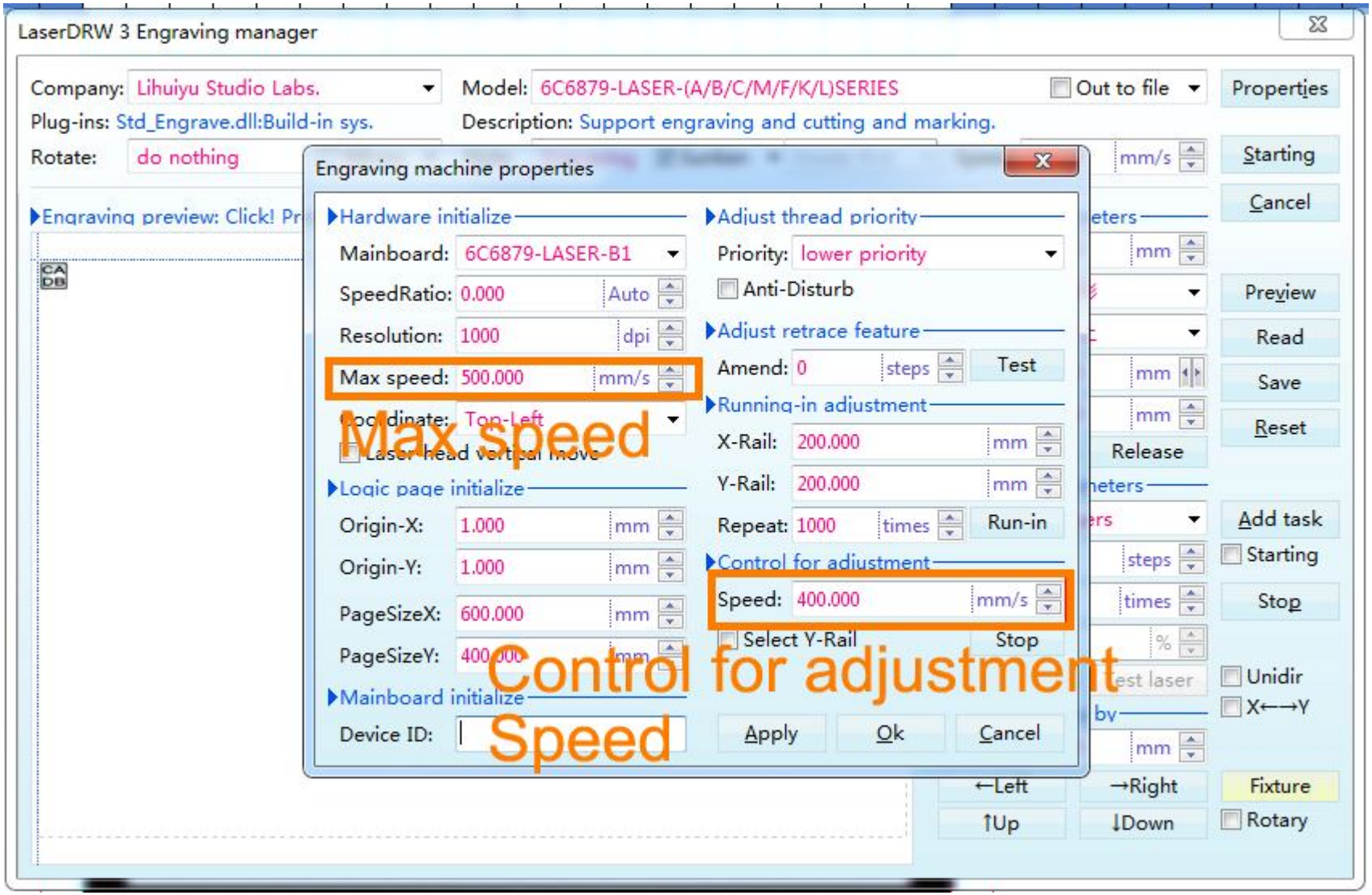

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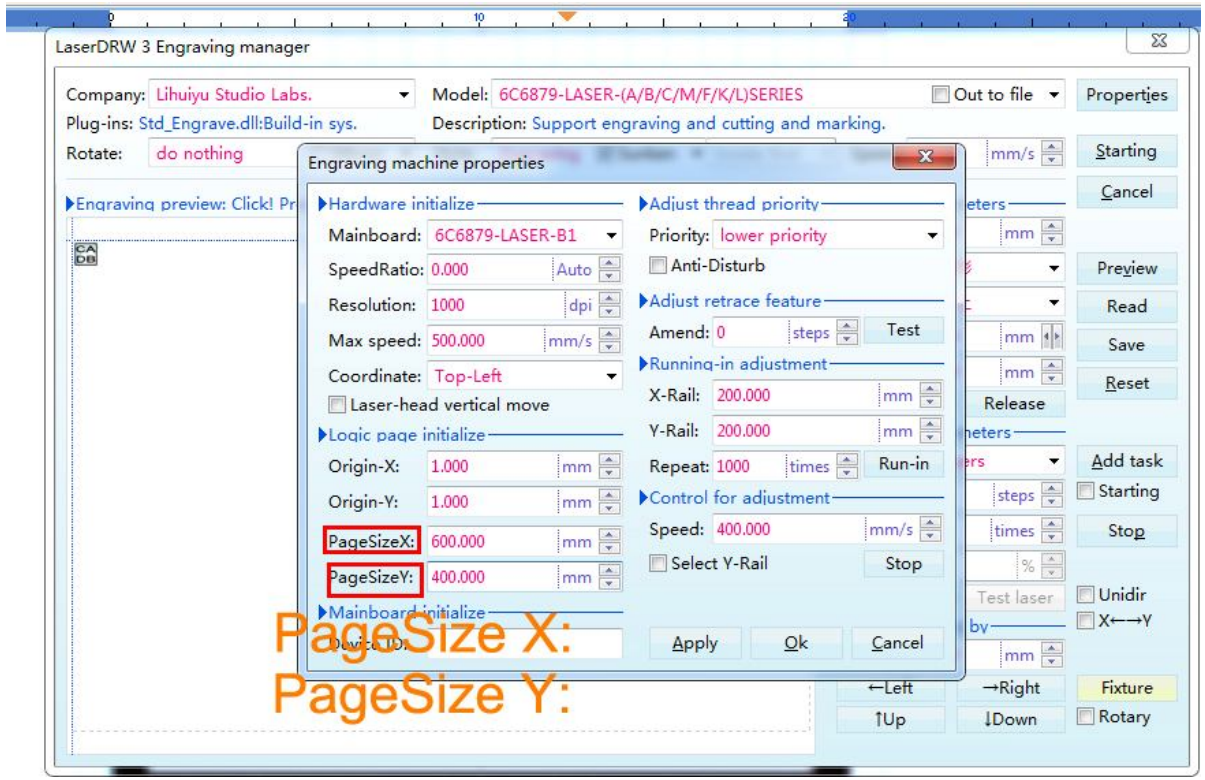
Step6

Input the correct value for “ PageSize X” and “ PageSize Y”

Namely, the value for maximum working area of your laser engraving machines.



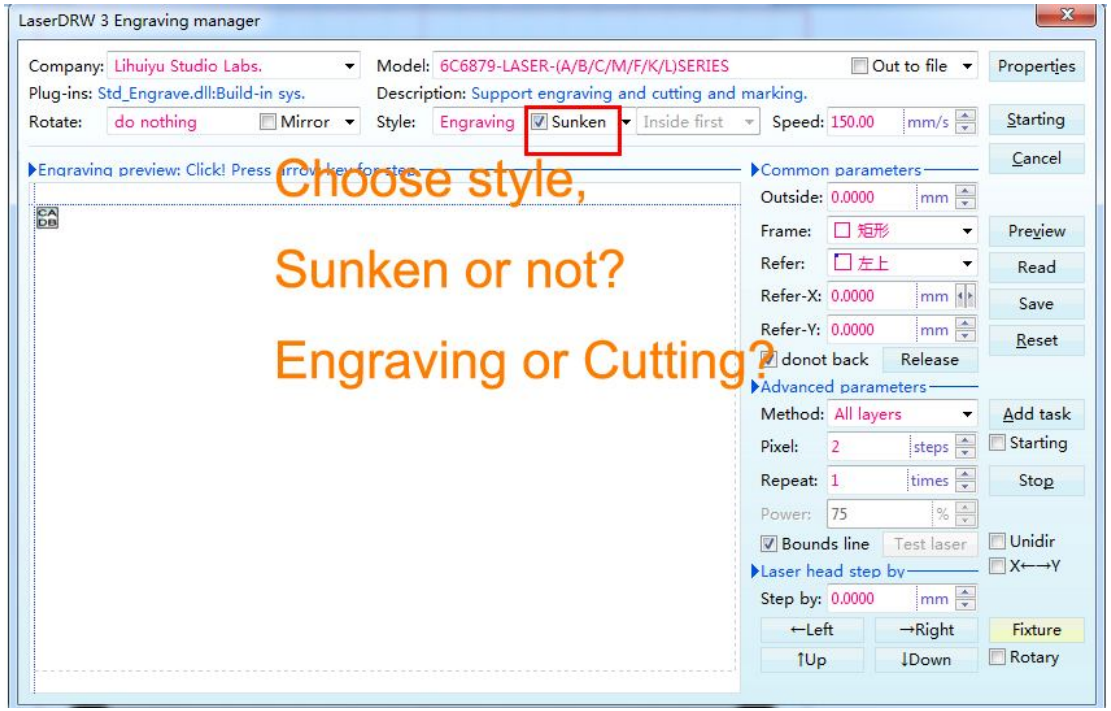
For example,

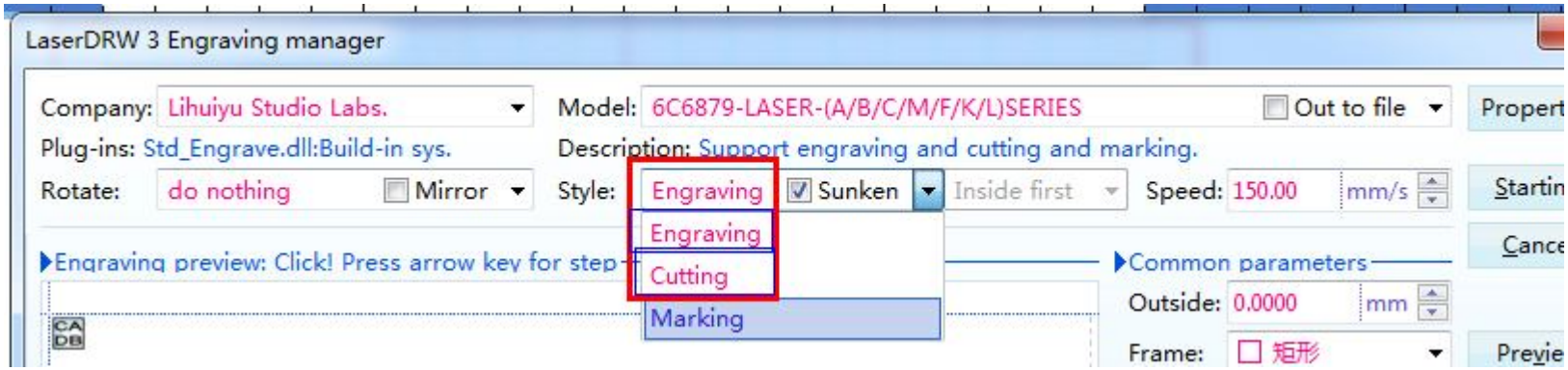
Model	Max. working size	PageSize X	PageSize Y
SL-320,40W	300*200mm	**300.000 mm**	**200.000 mm**
SL-460,50W/60W	600*400mm	**600.000 mm**	**400.000 mm**
SL-1040/XB-1040, 80W/100W	1000*400mm	**1000.000 mm**	**400.000 mm**
SL-1060/XB-1060, 80W/100W	1000*600mm	**1000.000 mm**	**600.000 mm**

Step7

Choose the style you need.

Sunken or not ? Engraving or Cutting ?





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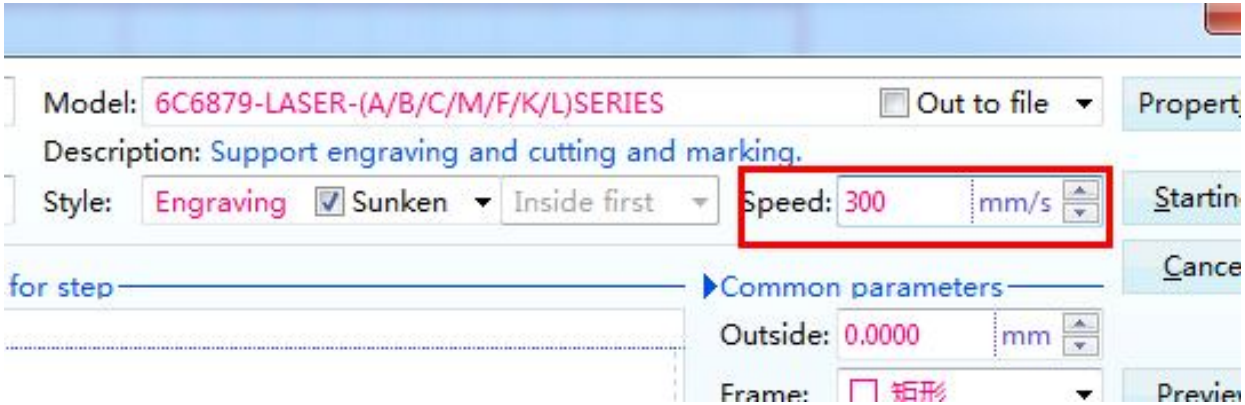
Attention please, speed for engraving or cutting, there is no a fixed value.

It depends on materials, working modes, power of laser tubes etc.

For example, engraving on acrylic materials, Speed: 300 mm/s (For reference only)



For example, cutting on acrylic materials, Speed: 20.32 mm/s (For reference only)

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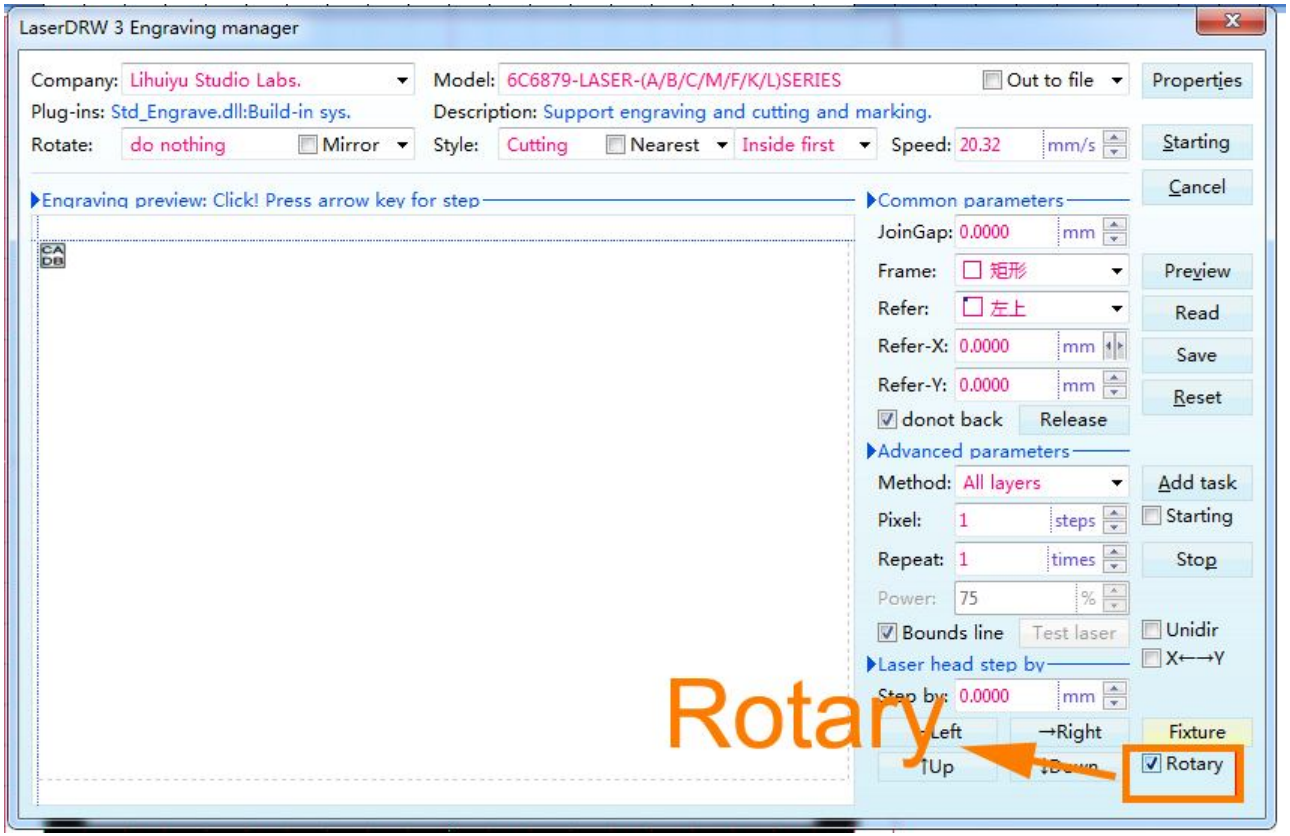
Settings For Rotary Axis (Optional)

Choose rotary 



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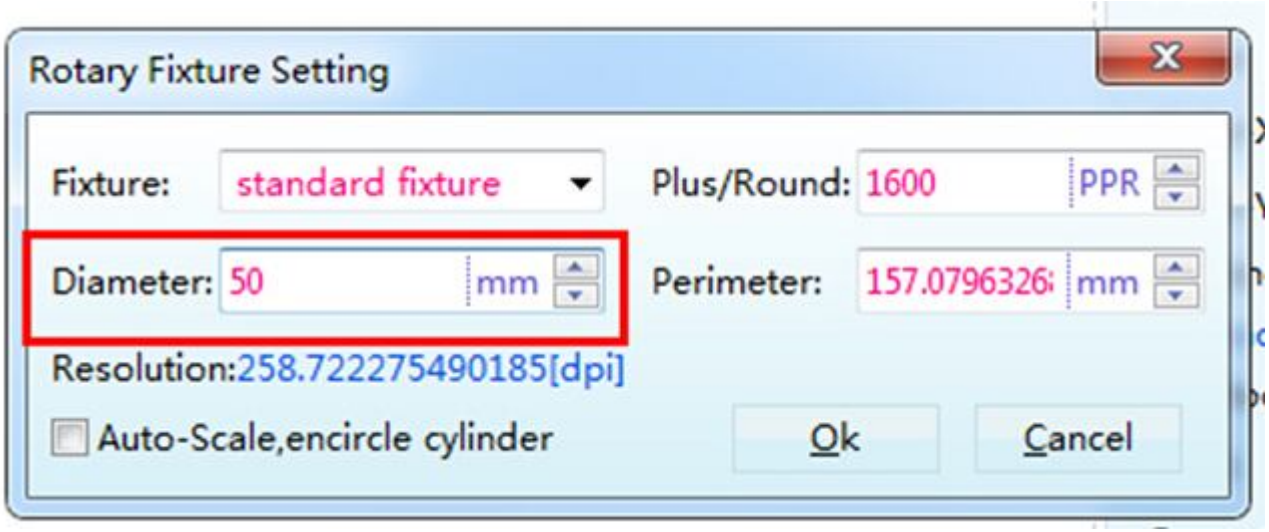
Rotary Fixture Setting , Fixture



Diameter , namely the diameter of the materials need to engrave or cut.

For example,

Step8

Input the compatible files for engraving or cutting

(BMP,JPEG,PLT,CDR,AI,) TIFF,PCX,DIB,TIF

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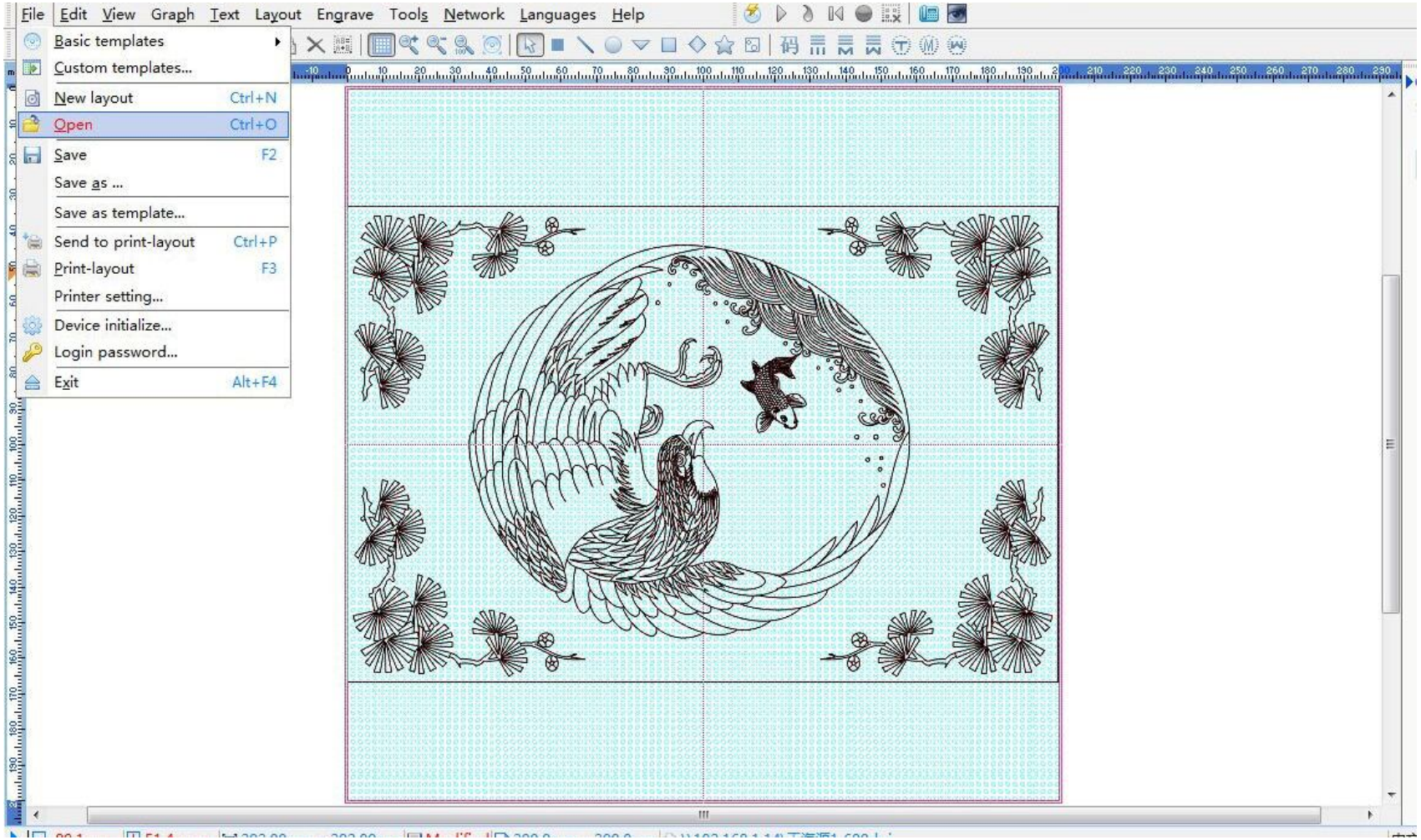

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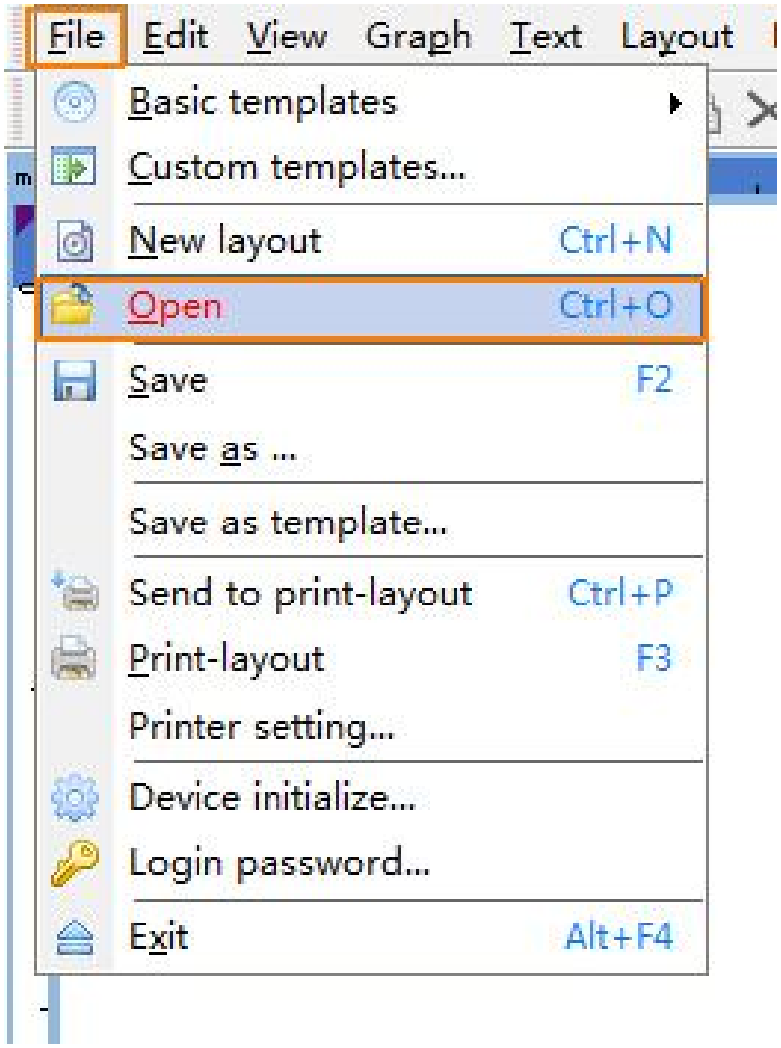
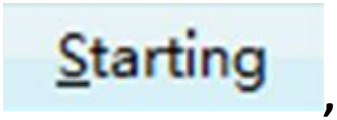

File
Edit
View
Graph
Text
Layout
Basic templates
Custom templates...
New layout Ctrl+N
Open Ctrl+O
Save F2
Save as ...
Save as template...
Send to print-layout Ctrl+P
Print-layout F3
Printer setting...
Device initialize...
Login password...
Exit Alt+F4

Step9

Click “Starting”, 

, machine will start to engrave or cut.