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.
Step 1

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Step 2

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
Choose the right motherboard type: 6C6879-LASER-B1, 6C6879-LASER-M2.
Step 4

Input the correct “Device ID” number.

[Image of a software interface showing Device IDs and other settings]
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
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
**Step 5**

**Recommended value,**

**Max speed:** 500.000 mm/s  

**Control for adjustment,**  

**Speed:** 400.000 mm/s
Step 6

Input the correct value for "PageSize X" and "PageSize Y"

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

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

**Step7**

Choose the style you need.

Sunken or not ?  Engraving or Cutting ?
Choose style, Sunken or not? Engraving or Cutting?
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)
Settings For Rotary Axis (Optional)

Choose rotary

[Image of software interface with rotary option selected]
Rotary Fixture Setting,

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

For example,
Step 8

Input the **compatible** files for engraving or cutting

(BMP, JPEG, PLT, CDR, AI, ...) TIFF, PCX, DIB, TIF
Step 9

Click “Starting”, machine will start to engrave or cut.