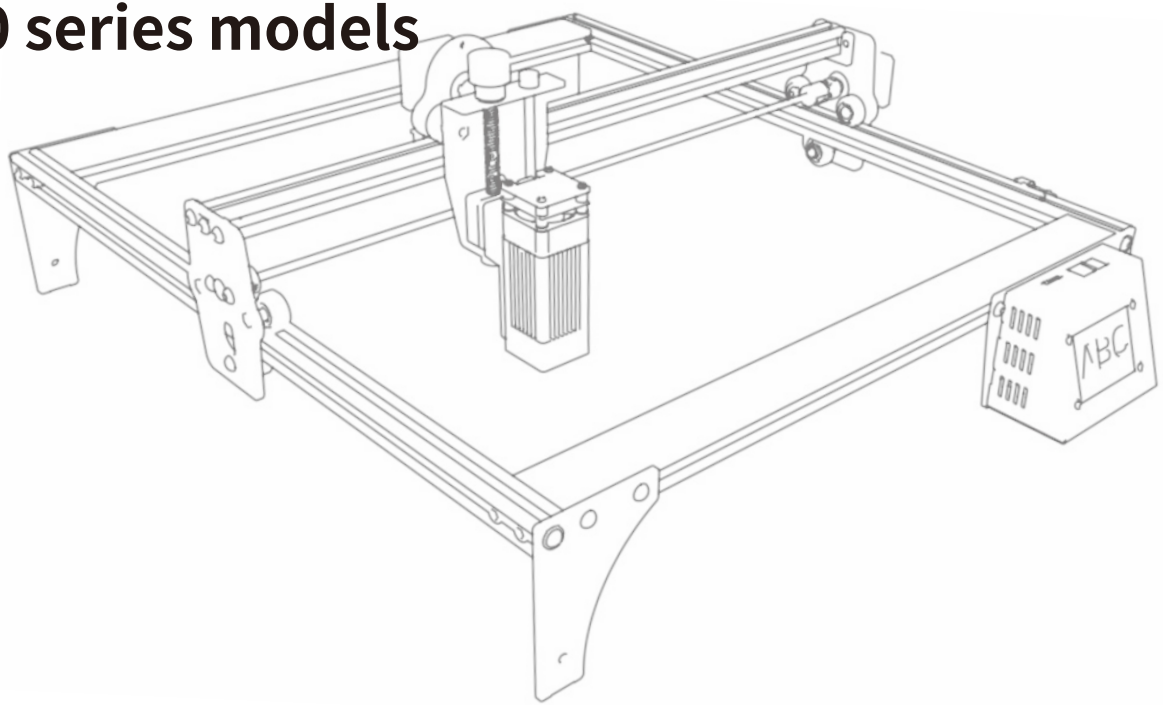
Offline engraving/cutting operation guide for LC400 series models



☑ English
☐ 中文

Thank you very much for purchasing our products
Please read this manual carefully before use
Please keep the manual properly

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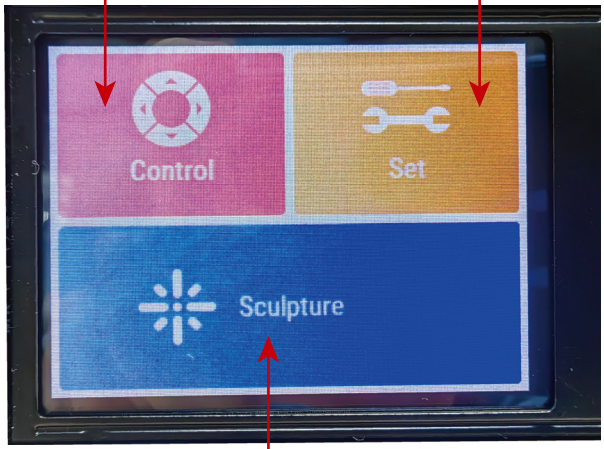
1. Main menu

Control (including XY axis movement, step distance, speed, homing, laser control)

Settings (including language, WiFi connection, sound, firmware and version information, etc.)



Sculpture (Engraving/Cutting, select the file in SD card to engrave)

Figure 1 Main menu

2. Control

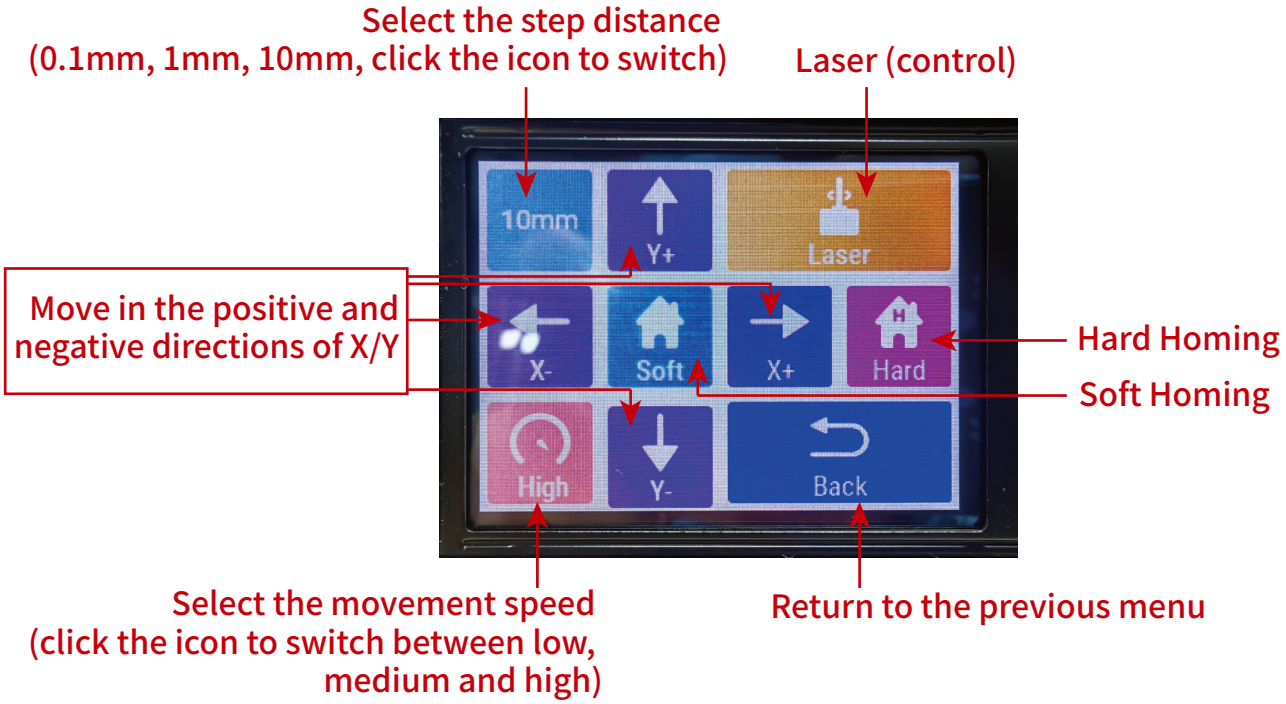


Figure 2 Control

2.1 Control
> Laser

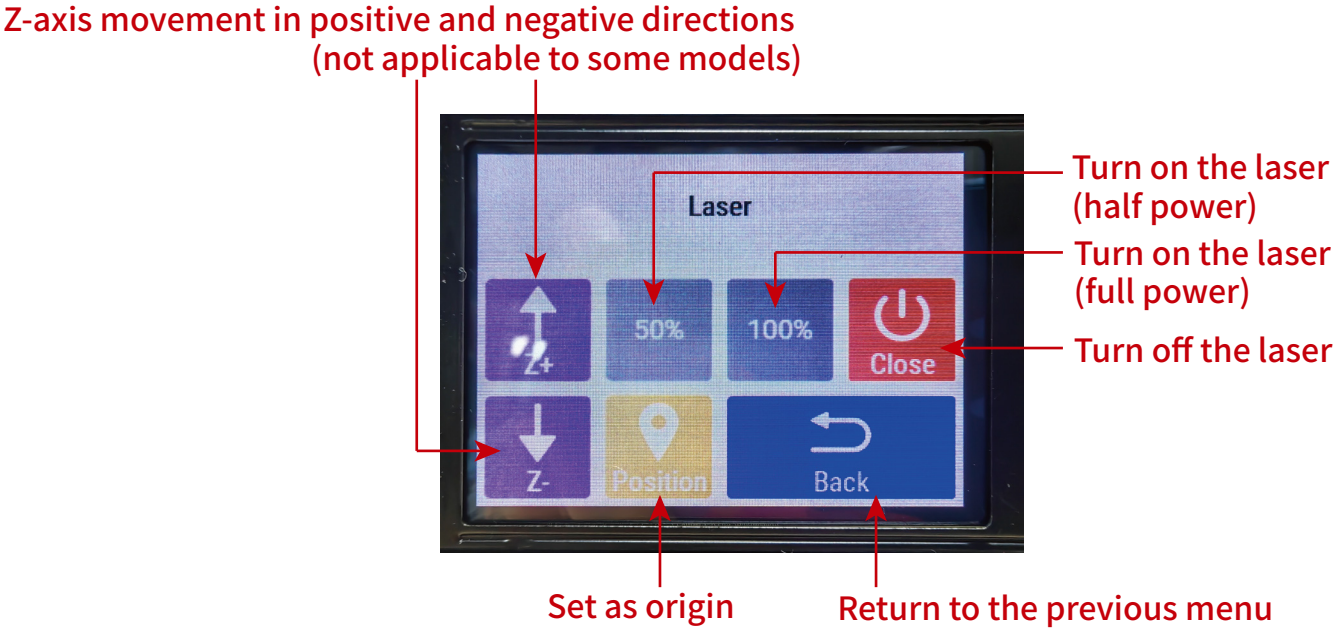


Figure 3 Laser

3. Sculpture (Engraving/Cutting) file selection

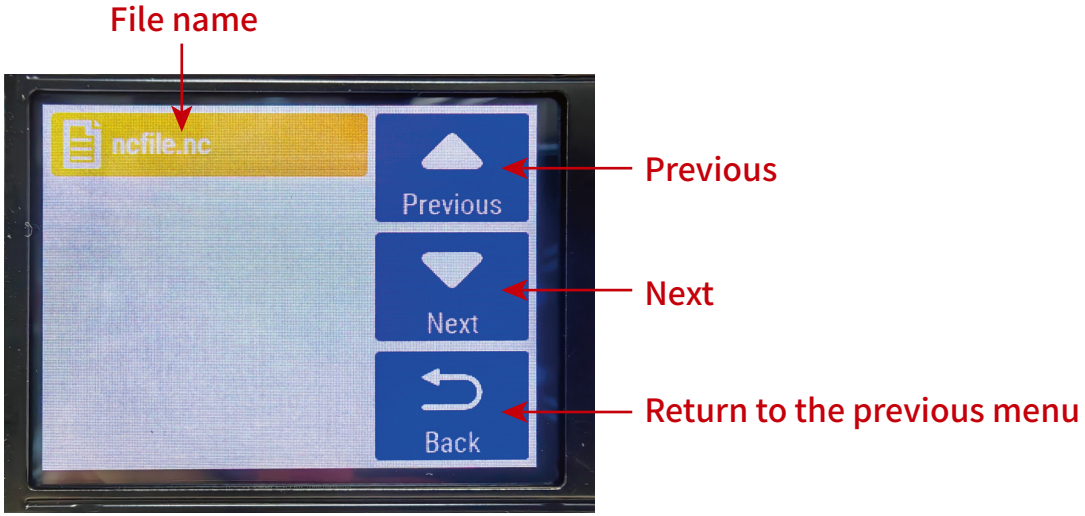


Figure 4 Sculpture (Engraving/Cutting) file selection

4. Sculpture (Engraving/Cutting) menu

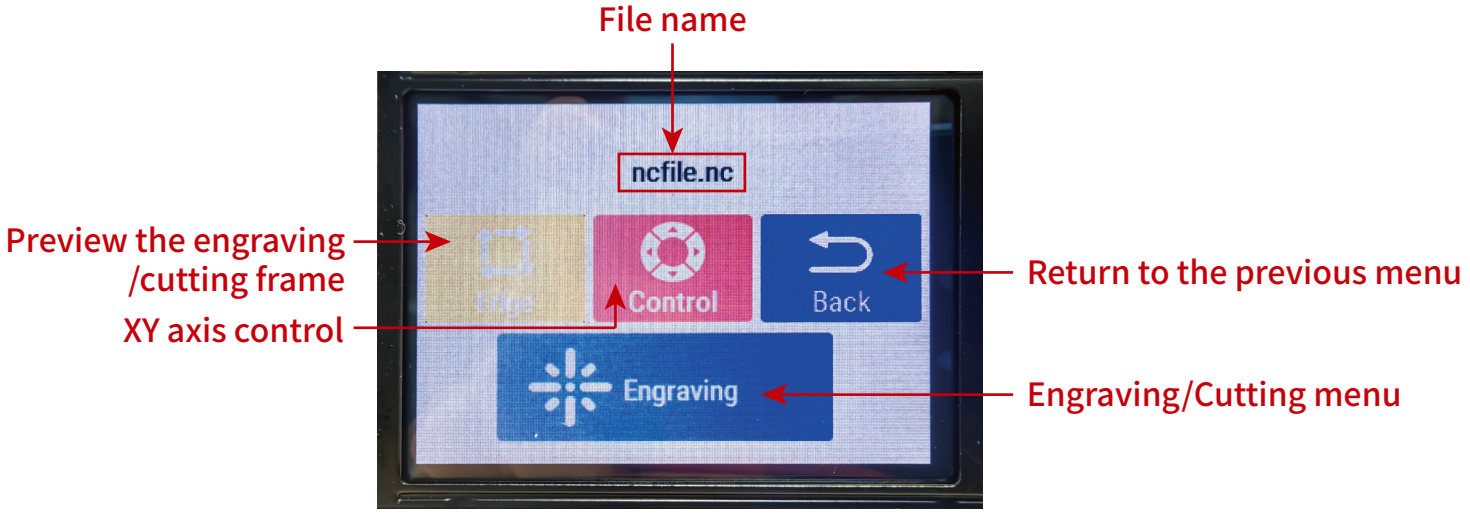
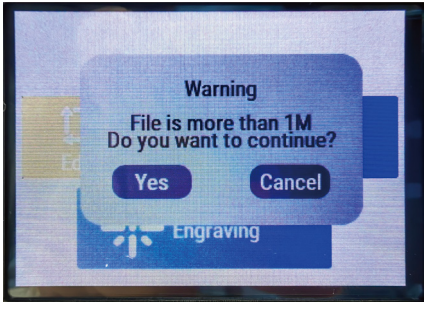


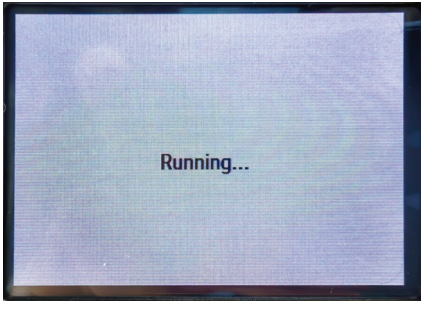
Figure 5 Sculpture (Engraving/Cutting) menu

4.1 Sculpture (Engraving/Cutting) menu > Engraving (Cutting)



Preview the engraving /cutting range frame confirmation interface

Figure 6.1 Engraving (Cutting)



File reading, engraving /cutting range frame previewing

Figure 6.2 Engraving (Cutting)

Engraving/Cutting confirmation interface

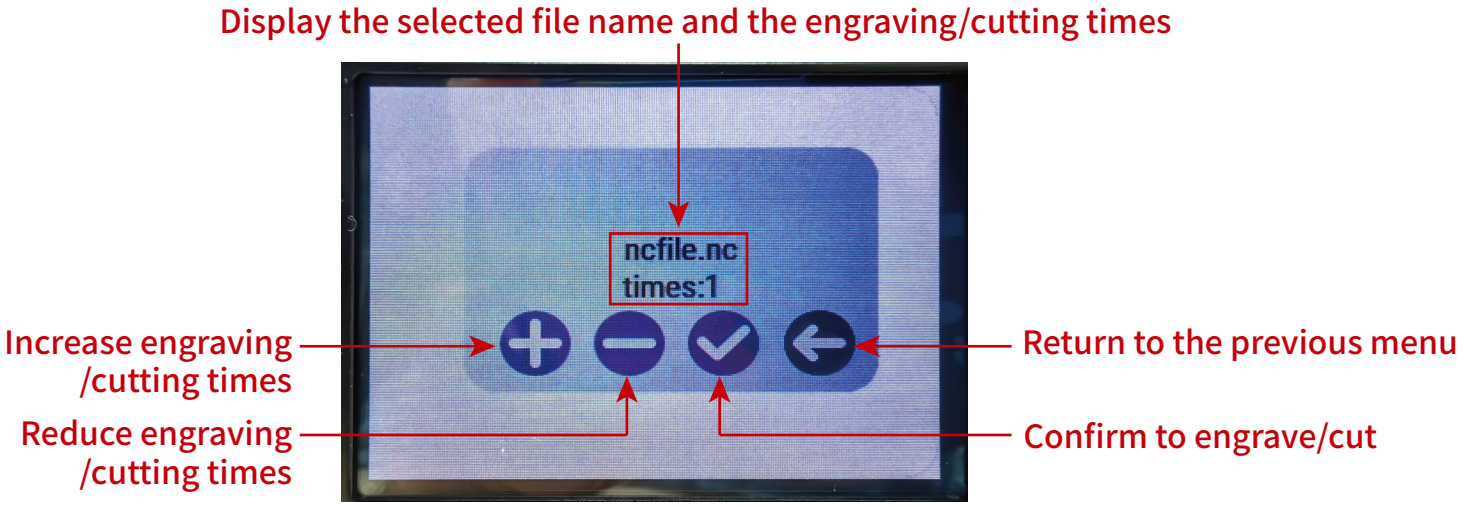


Figure 6.3 Engraving (Cutting)

4.2 Sculpture (Engraving/Cutting) menu > Engraving (Cutting) in progress

Figure 7.1 Engraving (Cutting) in progress

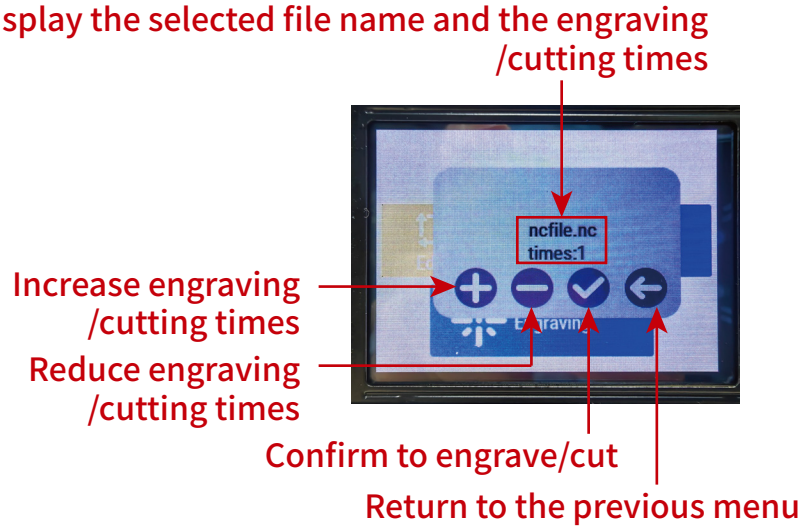


Figure 7.2 Engraving (Cutting) in progress

5. Settings

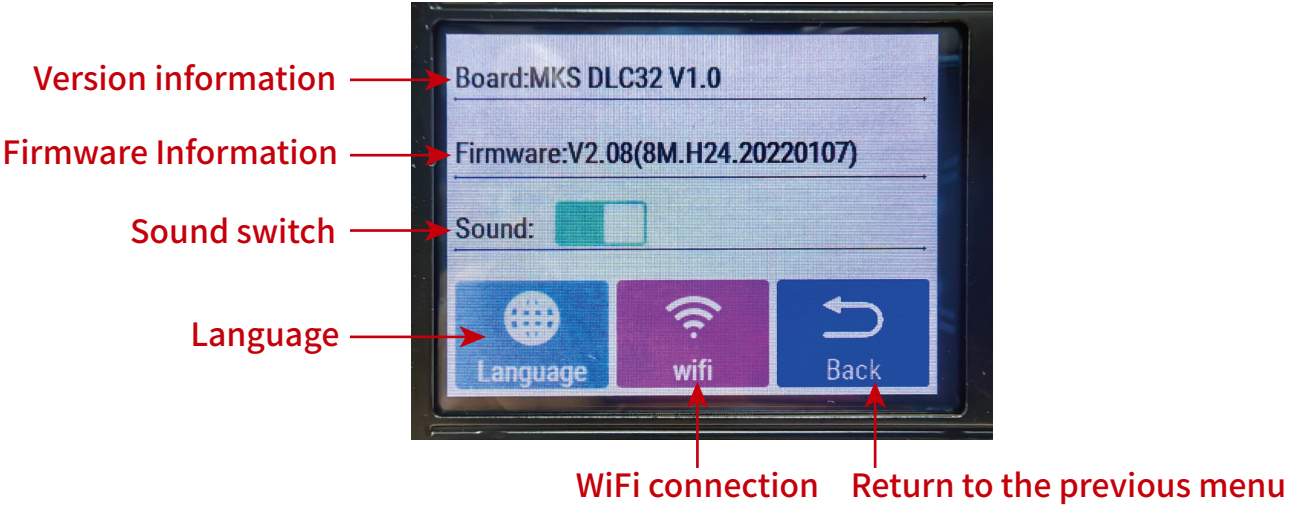


Figure 8 Settings

5.1 Settings > Language

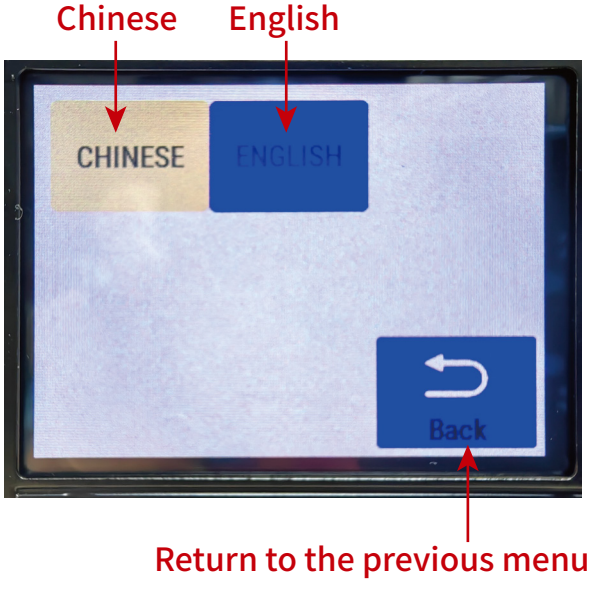


Figure 9 Language

5.2 Settings > WiFi

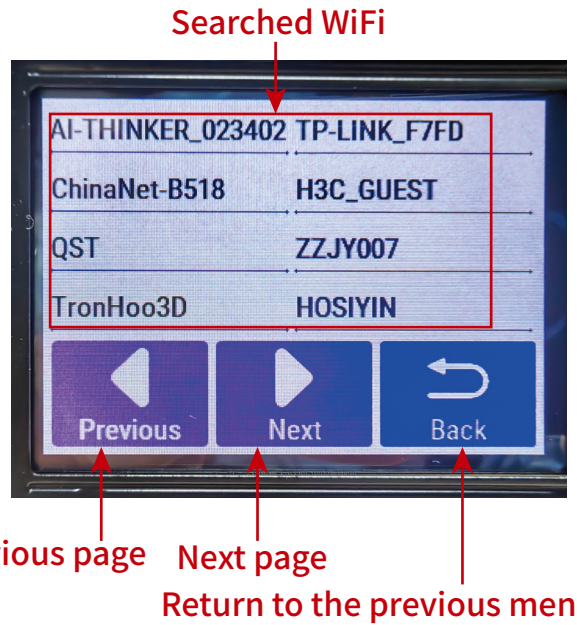


Figure 10 WiFi

5.3 Settings
> WiFi connection

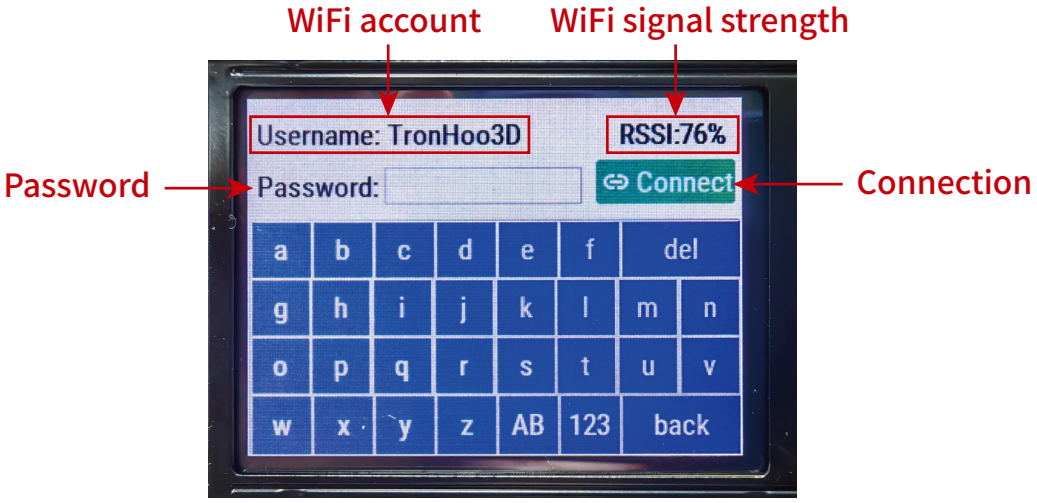
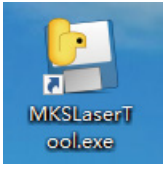
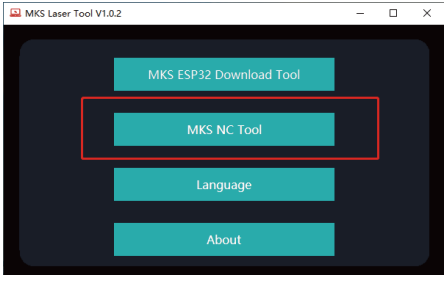


Figure 11 WiFi connection

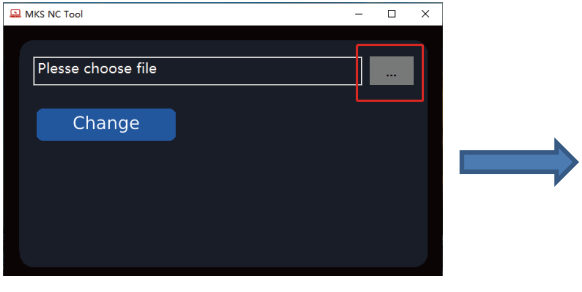
6. Tool to optimize the speed of reading preview the engraving/cutting range frame files



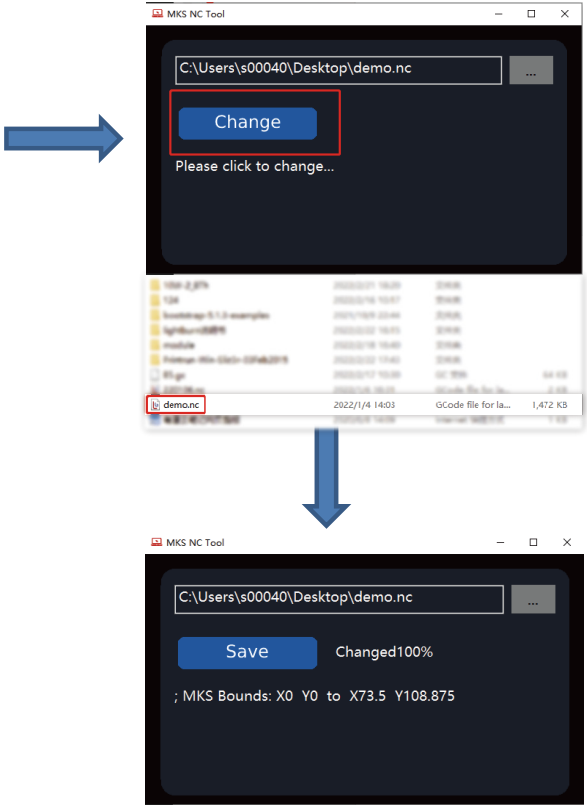
In the supplied SD memory card,
find and double-click to open ”MKSLaserTool.exe”



Select to enter <MKS NC Tool> in the main menu



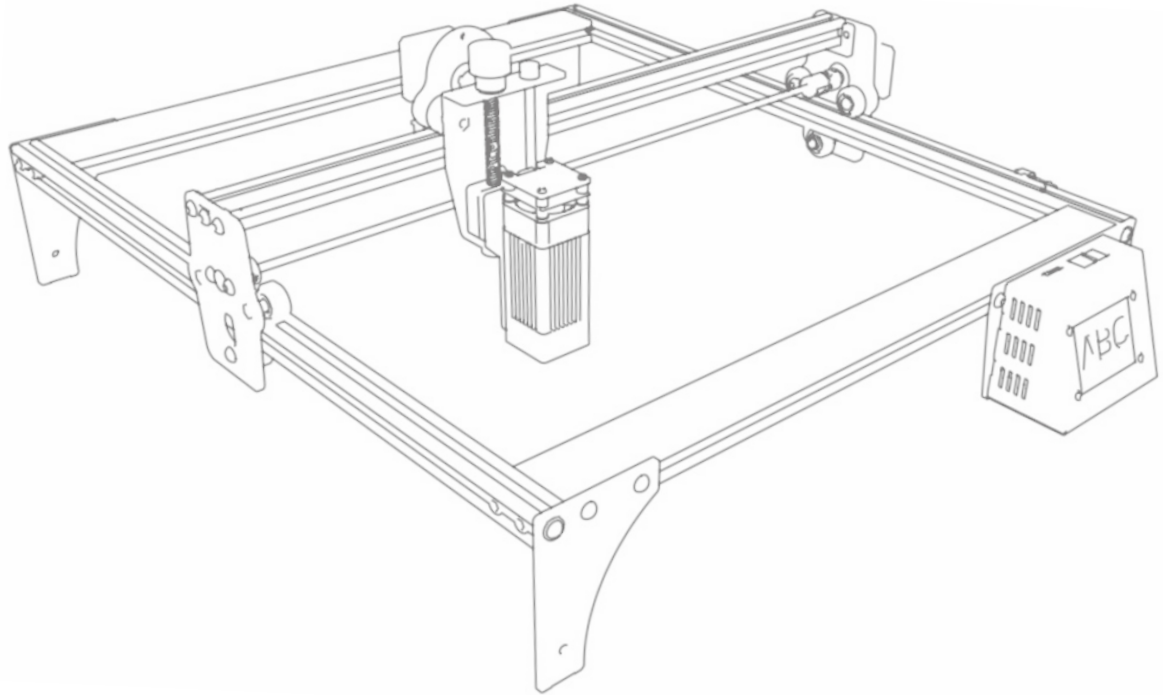
Click <…> to import the engraving /cutting file xxx.nc to be optimized



Click <change> to optimize

After the optimization is complete,
click <save> to save the optimized file

LC400系列机型离线操作说明



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使用之前请详细阅读本说明书。
请妥善保管本说明书。

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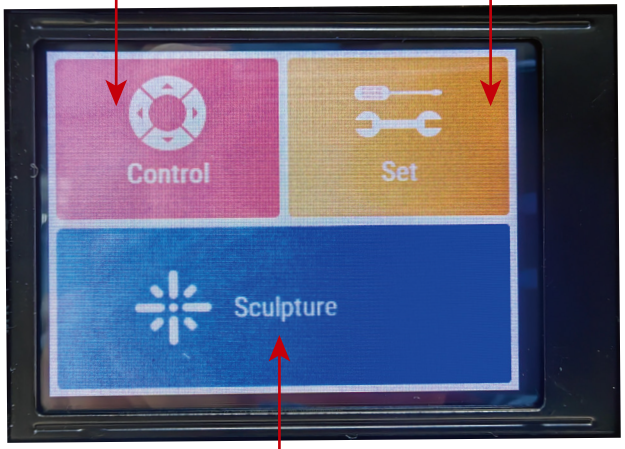
1. 主页面

控制（包括XY轴移动、步距、速度、归位、激光控制）

设置（包括语言、WiFi连接、声音、固件及主板信息等）



雕刻（选择SD卡中的文件进行雕刻）

图 1 主页面

2. 控制

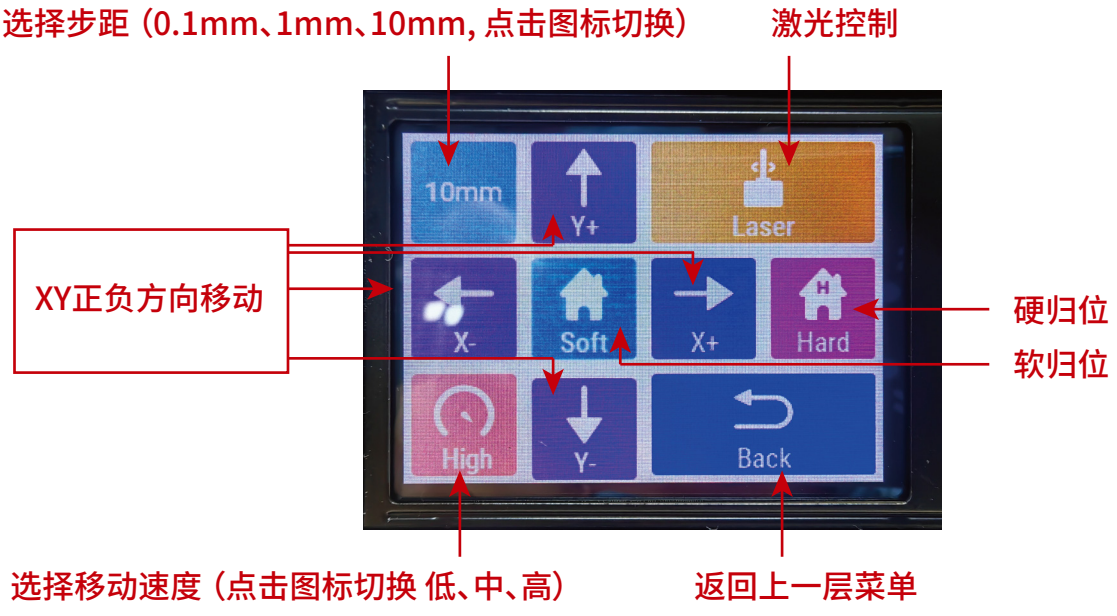

选择步距（0.1mm、1mm、10mm，点击图标切换）
激光控制
XY正负方向移动
硬归位
软归位
选择移动速度（点击图标切换 低、中、高）
返回上一层菜单
10mm
Y+
Laser
X-
Soft
X+
Hard
High
Y-
Back

图 2 控制

2.1 控制
> 激光

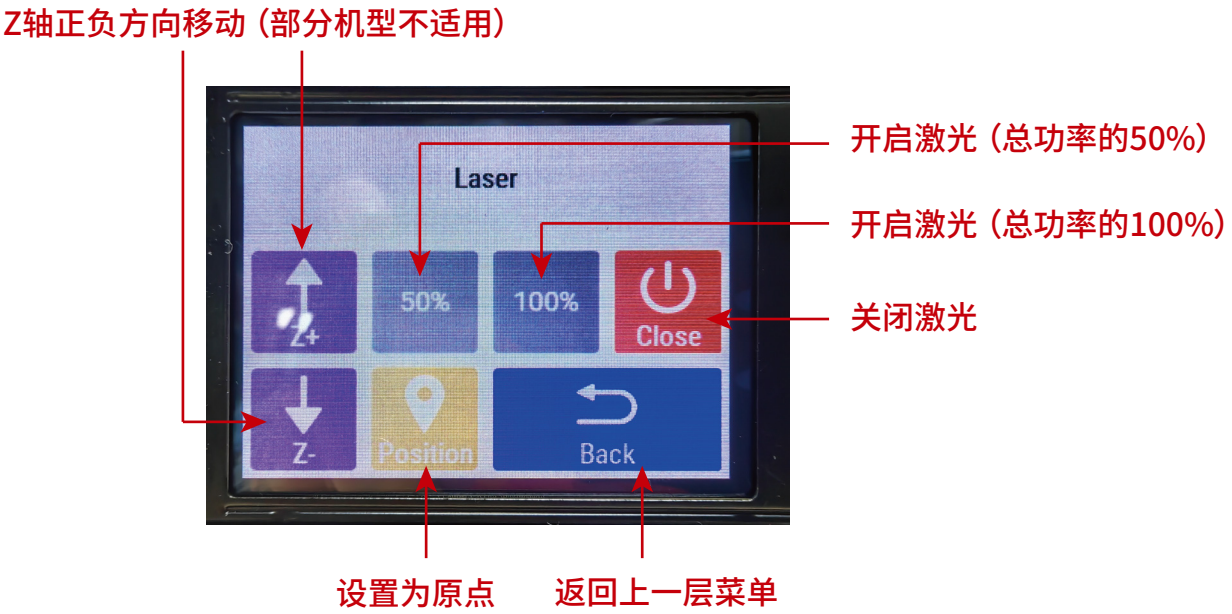

Z轴正负方向移动（部分机型不适用）
Laser
50%
100%
Close
Z+
Z-
Position
Back
开启激光（总功率的50%）
开启激光（总功率的100%）
关闭激光
设置为原点
返回上一层菜单

图 3 激光

3. 雕刻文件选择

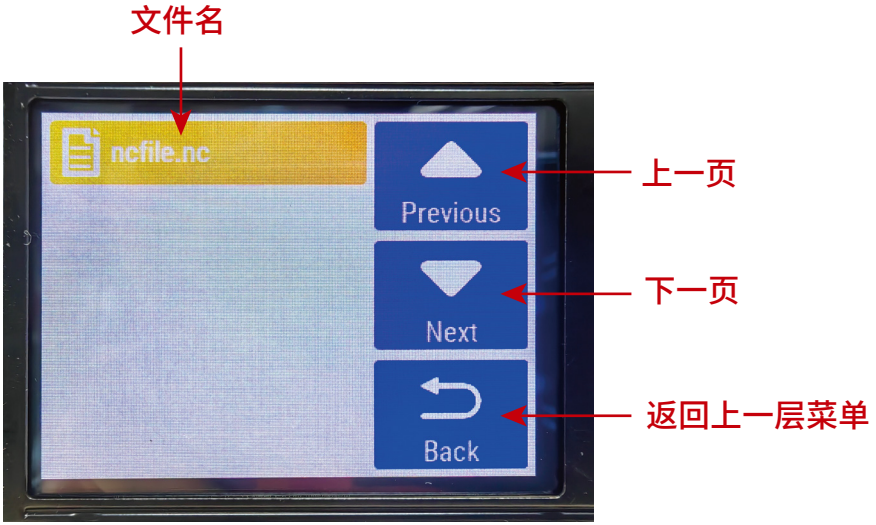


图 4 雕刻文件选择

4. 雕刻界面

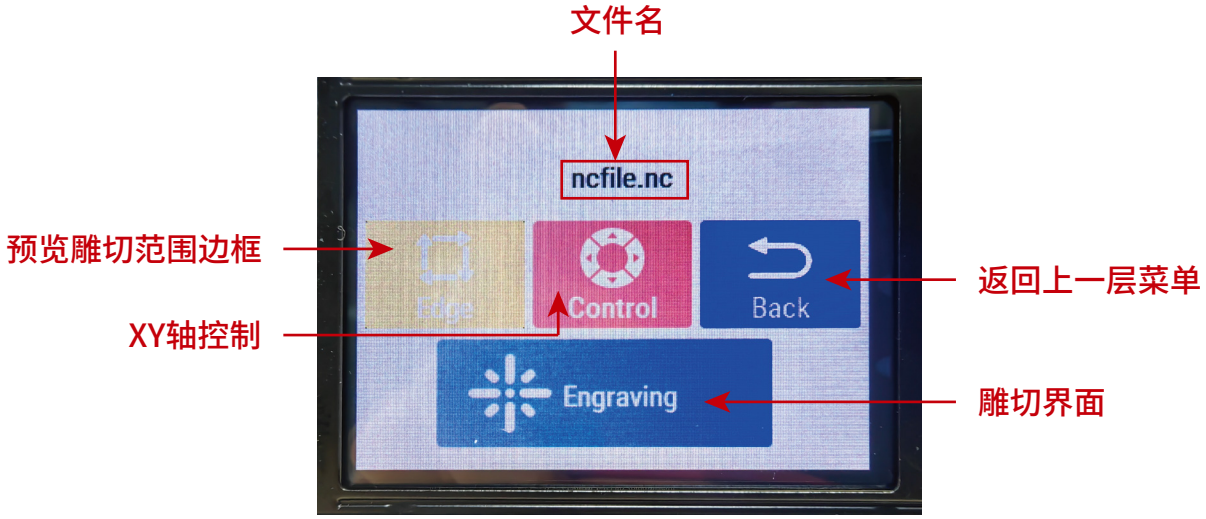
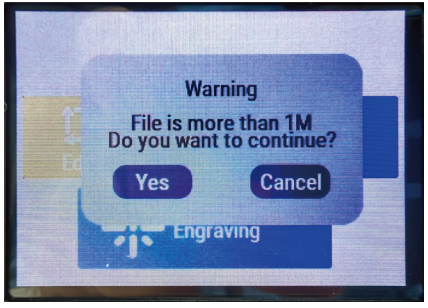


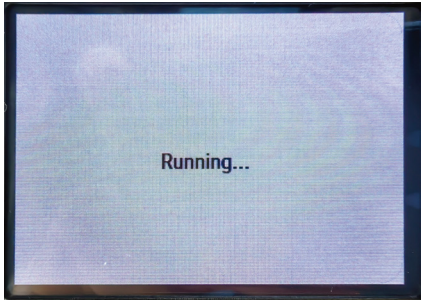
图 5 雕刻界面

4.1 雕刻界面
> 雕刻



预览雕切范围边框确认界面

图 6.1 雕刻



文件读取中、雕切范围边框预览

图 6.2 雕刻

雕切确认界面

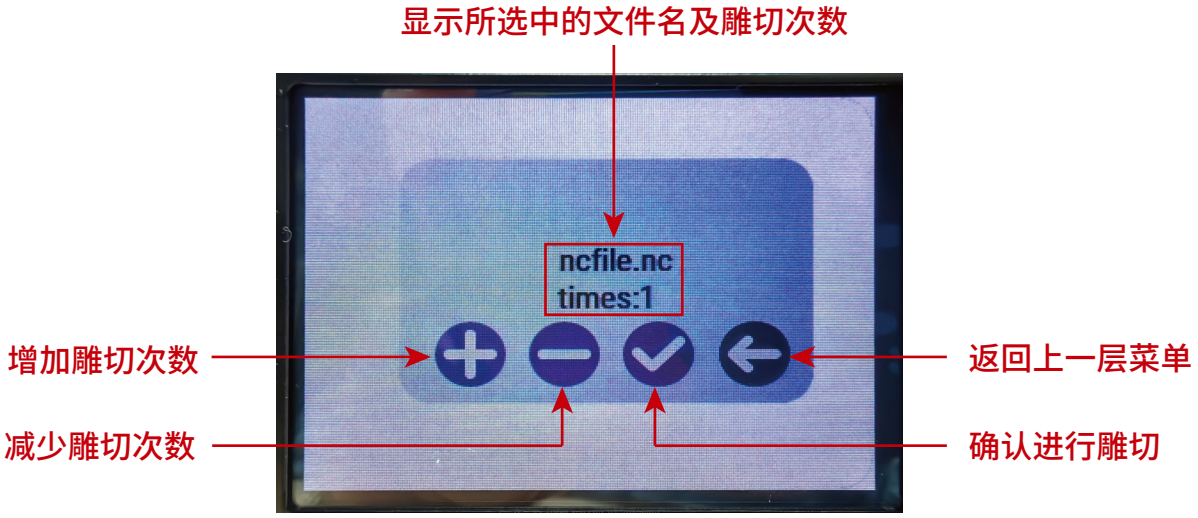


图 6.3 雕刻

4.2 雕刻界面
> 雕刻进行中

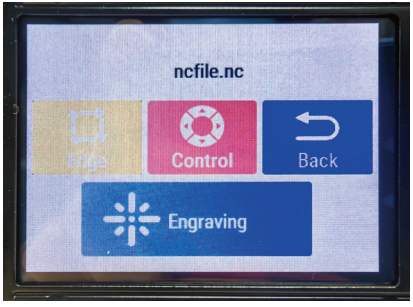


图 7.1 雕刻进行中

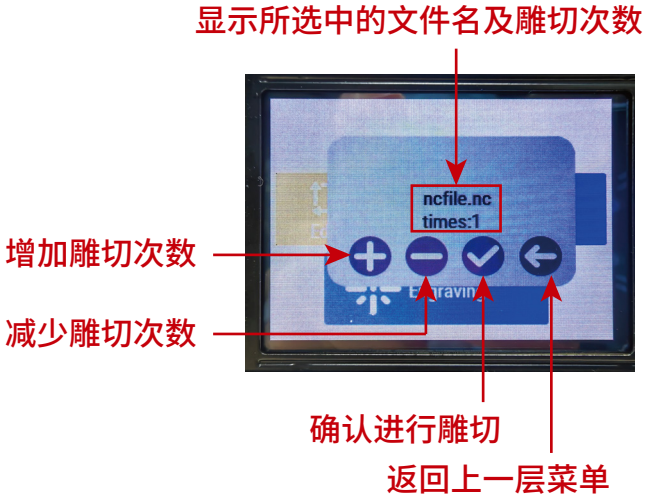


图 7.2 雕刻进行中

5. 设置

版本信息
固件信息
声音开关
语言选择界面
Board:MKS DLC32 V1.0
Firmware:V2.08(8M.H24.20220107)
Sound:
Language
wifi
Back
连接WiFi界面
返回上一层菜单

图 8 设置

5.1 设置
> 语言

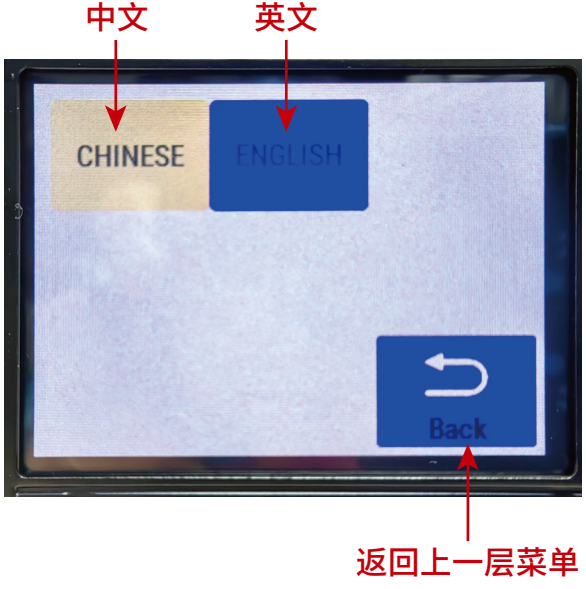


图 9 语言

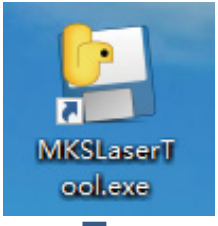
5.2 设置
> WiFi

图 10 WiFi

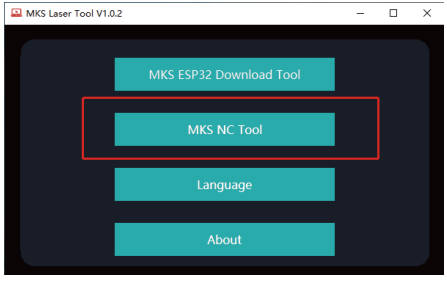
5.3 设置
> WiFi连接

图 11 WiFi 连接

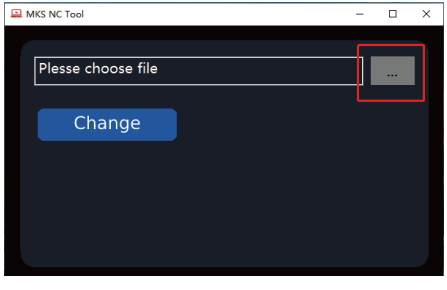
6. 用于优化读取预览雕切范围边框文件速度的工具



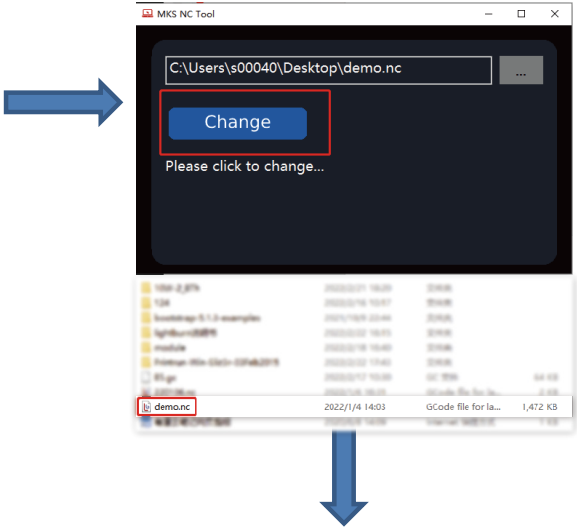
在随机附赠的SD存储卡中，找到并双击打开MKSLaserTool.exe



在主菜单中选择进入<MKS NC Tool>



点击<...>导入需要优化的雕切文件xxx.nc



点击<change>进行优化

待优化完成后，点击<save>保存优化后的文件