WEIFANG YUANTONG CENTURY INDUSTRY AND TRADE CO.,LTD

Artgrave software Manual----CNC ROUTER

Let's cut a square shape MDF, size is 100x100mm(width*Height),depth is 5mm for example.

Open the Artgrave software ,then find the "system setting" in "options" as bleow.

Select "Length/ unit: mm" (because the machine default unit is "mm")

Click the “Rectangle” from the “Graph” as below.

Here we draw a “square” for example with the “Mouse” like below , or you can use the right side toolbar draw different shape or image.

Click the “Resize” on the “Graph” as below; to setting the size of the drawing.

“width” and “height”can be set

Here we set 100widthx100Height mm for the “square” as below.

Move the “square” to left bottom corner with your “Mouse” by as below

Click the “割” for cut ， if you want engrave，click the “雕”

Chose the “outer contour” and “depth” set as 5mm.

Click the “Tool Library”

Here we chose “Width 1.5, Height 8mm” (Note: your selection must same as acutally the tools on the spindle). Then click “OK” to finish the setting.

Artgrave2010[ARTENGRAVE] - [Untitle-1]
File Edit View Text Graph Table Align NodeEdit Advanced Toolpath USB Device Options Window Query and Help
Tools Setting
Tool Type:
Conical
Bottom Cinical
Drill
Ballnose
Choose Color
Tool Name
#101: Width 1.5,Height 5
#102: Width 1.5,Height 8
#103: Width 2.0,Height 8
#104: Width 3.0,Height 12
#105: Width 3.0,Height 22
#106: Width 3.0,Height 30
#107: Width 6.0,Height 25
#108: Width 6.0,Height 30
Parameters
W1: 1.5 mm
H1: 5 mm
Angle 0 Degree
W2: 0 mm
H2: 0 mm
Tool Preview
Add
Delete
Change
OK
Cancel

Artgrave2010[ARTENGRAVE] - [Untitle-1]
File Edit View Text Graph Table Align NodeEdit Advanced Toolpath USB Device Options Window Query and Help

Save the “route” by click here as the arrow show

Then save it to your computer or your U-disk by following steps. Finished the draw.

You can name your drawing, but must reserve “.nc” say, My name is “100.nc”

Artgrave2010[ARTENGRAVE] - [Untitle-1]
File Edit View Text Graph Table Align NodeEdit Advanced Toolpath USB Device Options Window Query and Help
Save graving result as text file
Configuration
G-code
Settings
FileName: C:\Documents and Settings\Administ
Browse
另存为
保存在(I):
桌面
我的文档
我的电脑
网上邻居
China(1)
GuangZhou
ShanDongSheng
u盘
新建文件夹
100.nc
文件名(N):
100
保存(S)
保存类型(T):
G-Code Files(*.nc)
取消
开始
15:18

Artgrave2010[ARTENGRAVE] - [Untitle-1]
File Edit View Text Graph Table Align NodeEdit Advanced Toolpath USB Device Options Window Query and Help
Save graving result as text file
Configuration
G-code
Settings
FileName: C:\Documents and Settings\Administ
Browse
Lift: 5 mm
OK
Selected Object Only
Sequence
nearest
Cancel
Selected
#101 Wdith 1.5,Height 5
Parameters
Using Tools 1 tools was selected, the red is done, the green is waiting
开始
15:18

Artgrave2010[ARTENGRAVE] - [Untitle-1]
File Edit View Text Graph Table Align NodeEdit Advanced Toolpath USB Device Options Window Query and Help
100.nc
"我终于懂时间的重量，你却不在我身旁。"
—曹格《爷爷》