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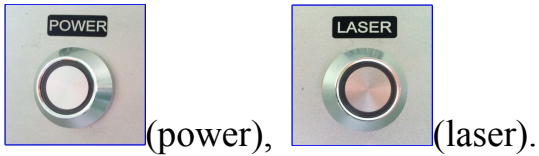
3D Crystal Laser Engraving Machine



USER MANUAL



一、开机操作步骤 To open the machine:

1、First, open the computer, then open the machine:

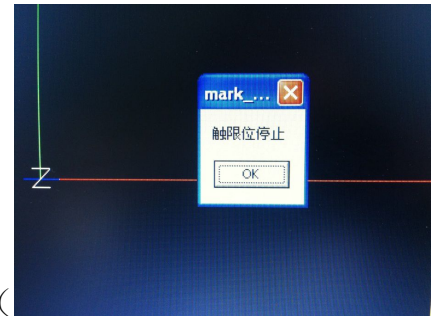


2、Then open the 'engraving' software, then click 'reset'  ,

3、Notice: when the below 3 conditions happens, you should click 'reset':

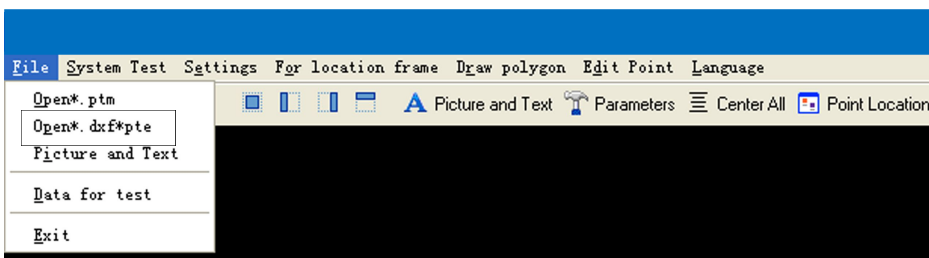
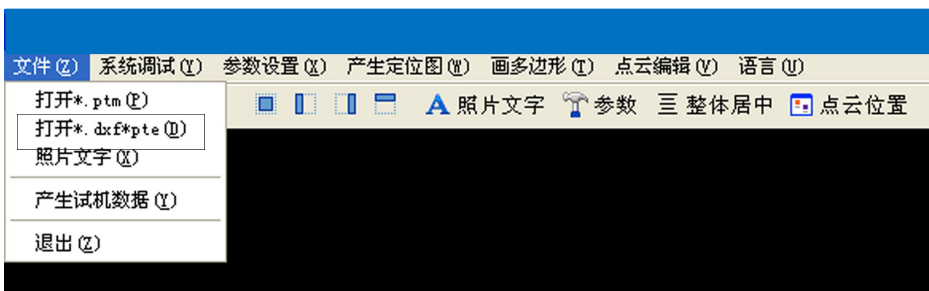
(1) When you power off and reopen the machine;

(2) When you reopen the software after you close the 'engraving' software closed

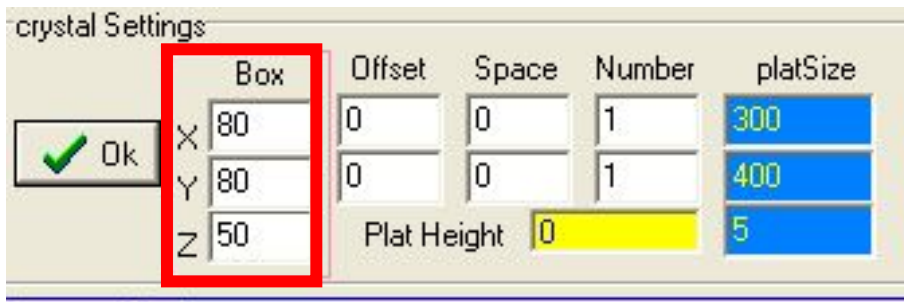


(3) When the work table touch the limit switch. ()。

3、 Open the file you want to engraved from the 'engraving' software: FILE-DXF file (this file should be already in dots):



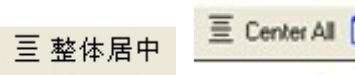
4、 Enter the size of the crystal you want to engraved in the BOX, then click 'OK':



5、Chose the name of the file:



6、Click 'center all'



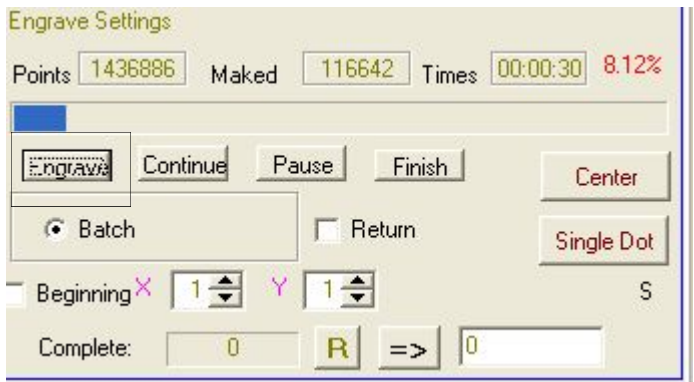
7、According the file to make block, as below picture. Then 'ok':



8、To make the surface of the crystal (which is face the laser side), to past the double

faced tap on the up right corner, then put the crystal on the up right corner, strict

9、 Then to click ‘engrave’ to engrave:



10、 Finish。

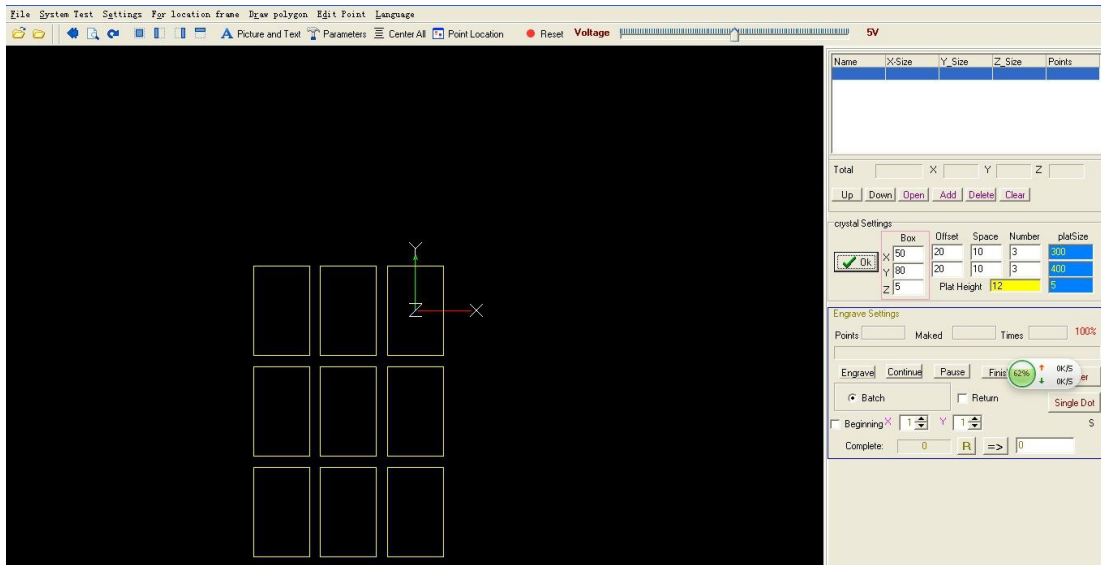
二、 For quantity engraving:

1、 entered the size of crystal, size for ‘offset’, ‘space’, ‘number’, ‘plat height’. Then click ‘ok’ to confirm:





2、 the 'engraving' software:



3、 put in the block :



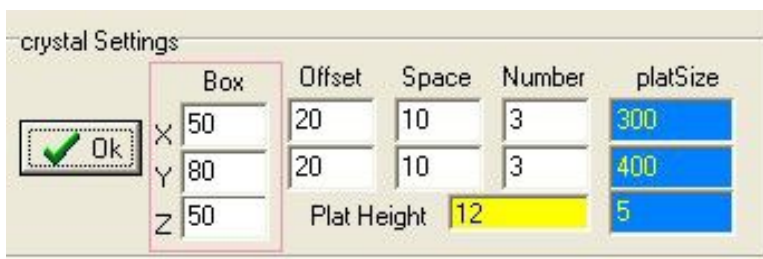
4、 click this button  , will come out bellow button,



Click “ok”

5、点击雕刻，等雕刻定位的位置完成后，再打开所需要内雕的文件，然后将文件整体居中，**注意：**并将水晶设置 Z 尺寸5改为水晶实际尺寸：

Click “Engrave”,after the location frame ready ,open the file ,click “Center all”,Noted :instead of “5 “ with the the real size of Z axis.



6、点击雕刻，即可进行批量加工。

6, click “Engrave”,then machine will start engraving pc by pc automatic

三、关机操作步骤： The order of close the machine



1、关闭 (激光器电源按钮)、 (总电源按钮)。



1,Close (Button of “Laser”) (Button of “power”)

2、关闭“水晶内雕”打点软件。

2, Close the “engraving” software

3、关闭电脑。

3, Close computer

4、最后断开机器外部电源。

4, Turn off the power

四、其他说明：Remark

1、关于平面图和立体图算点操作，请详细参照我公司算点软件使用说明书。

About how to convert to for 2D or 3D ,please noted our Menu for “make dots”