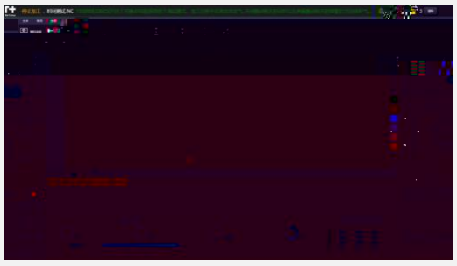
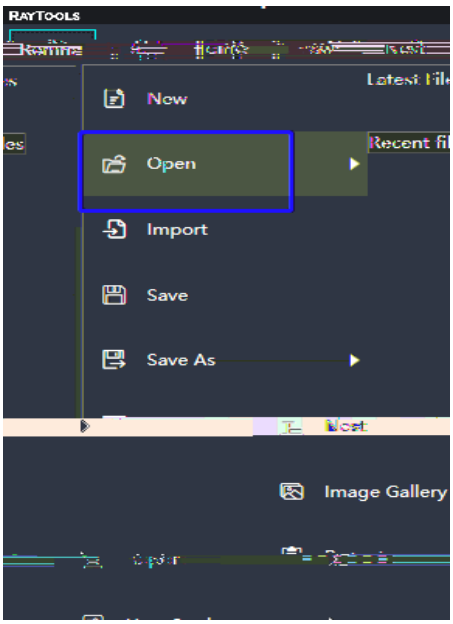
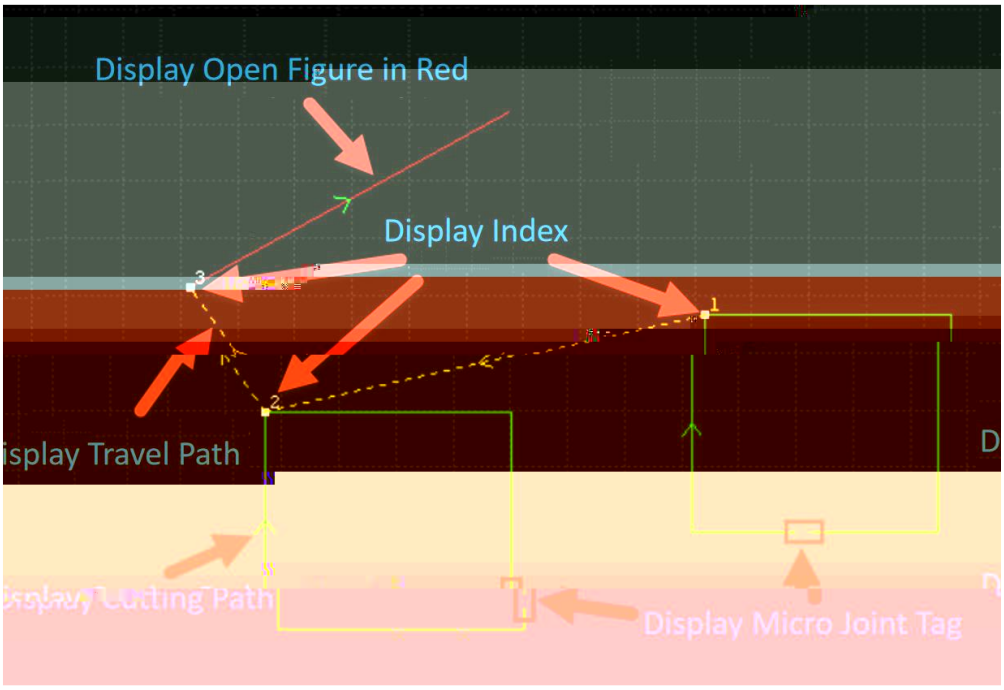
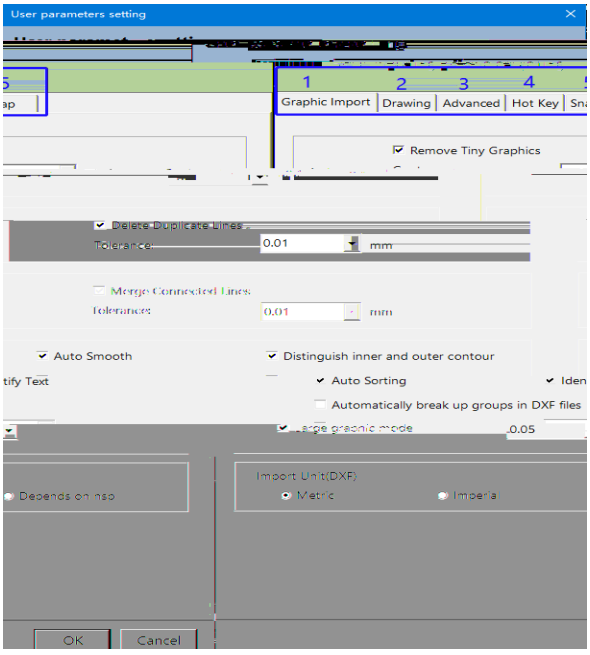


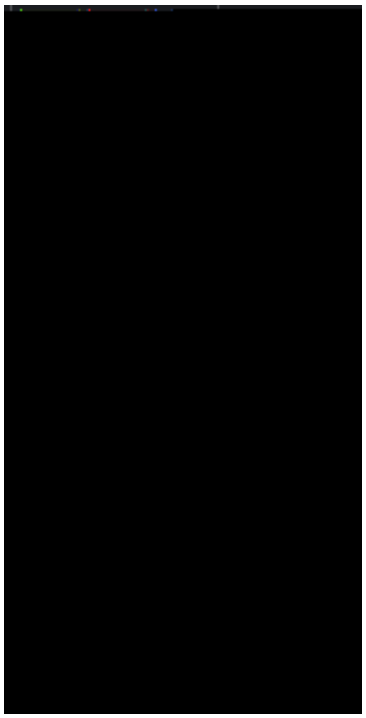
ERP
MES

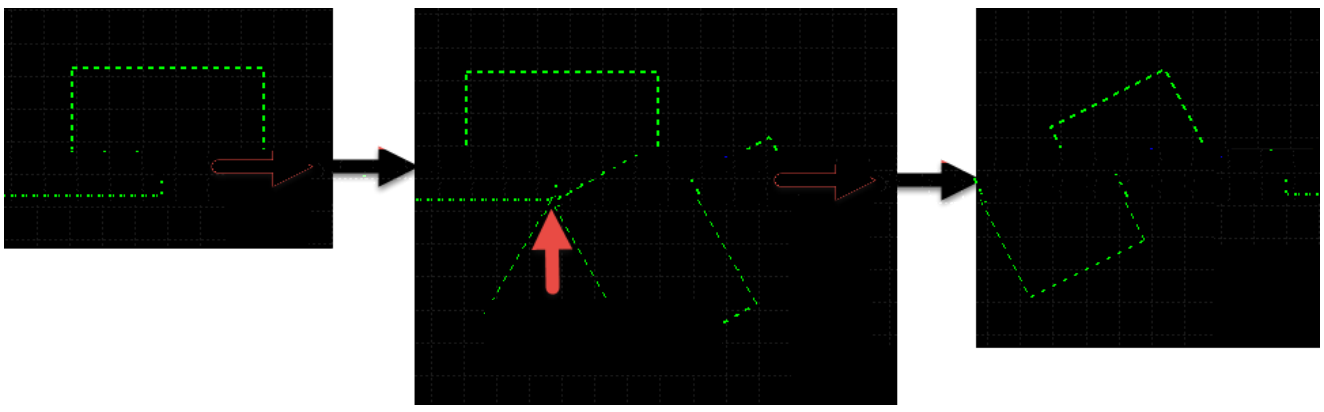

RAYTOOLS
New
Open
Import
Save
Save As
Image Gallery

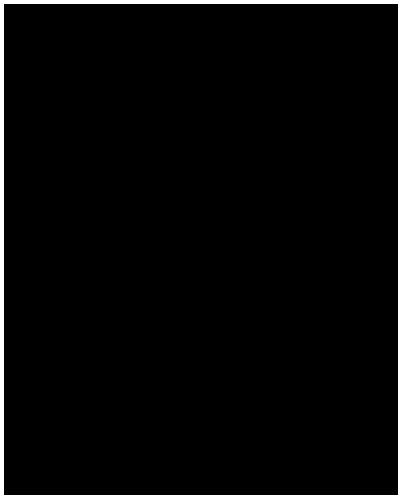
Open
Search
Desktop


Display Open Figure in Red
Display Index
isplay Travel Path
Display Micro Joint Tag

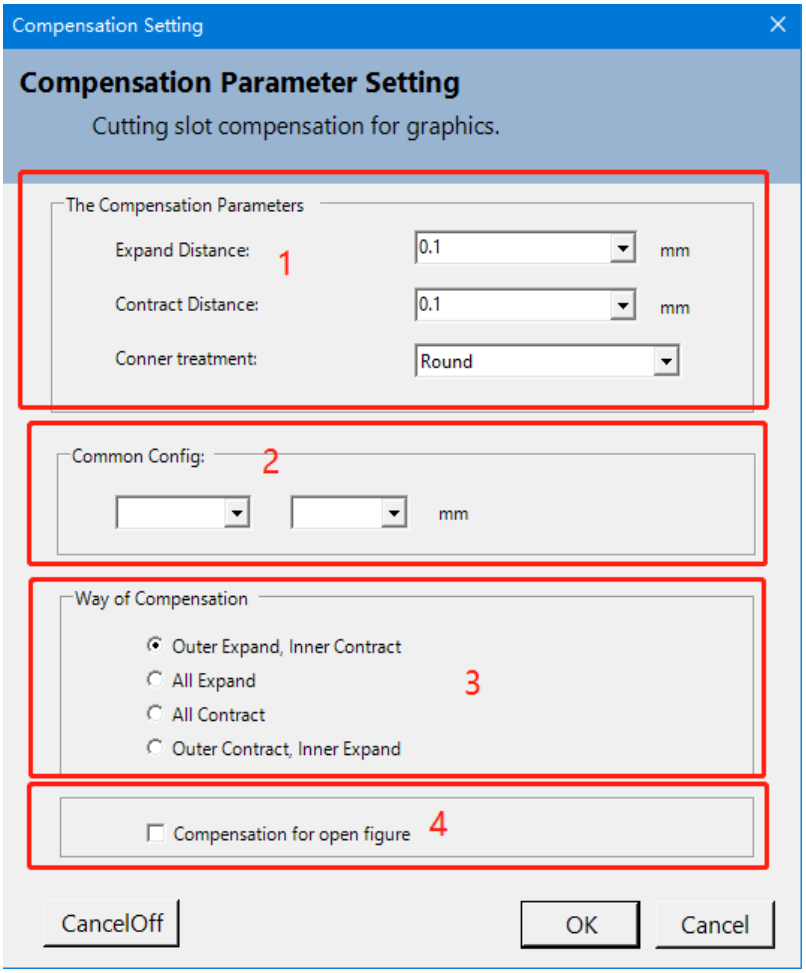

User parameters setting
Graphic Import
Drawing
Advanced
Hot Key
Remove Tiny Graphics
Delete Duplicate Lines
Tolerance:
0.01
mm
Merge Connected Lines
Auto Smooth
Distinguish inner and outer contour
Auto Sorting
Automatically break up groups in DXF files
Import Unit(DXF)
Metric
Imperia
OK
Cancel

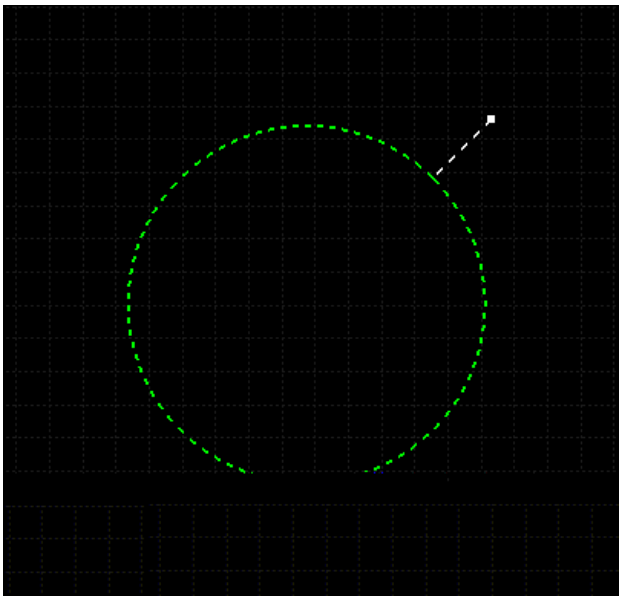


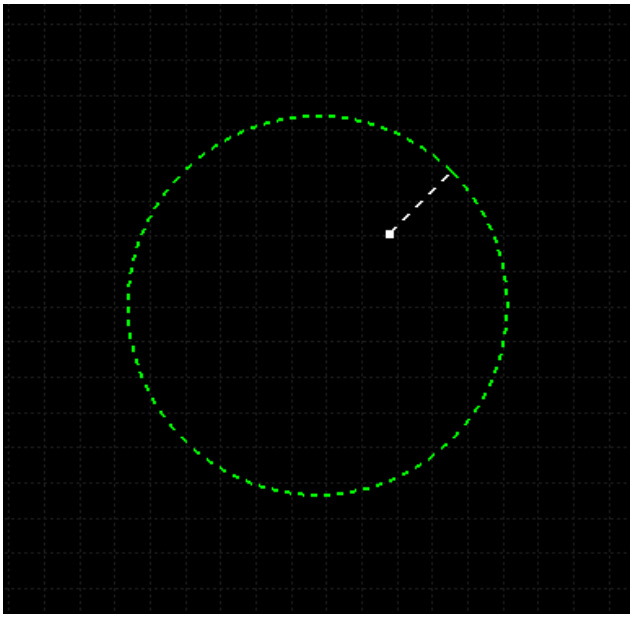


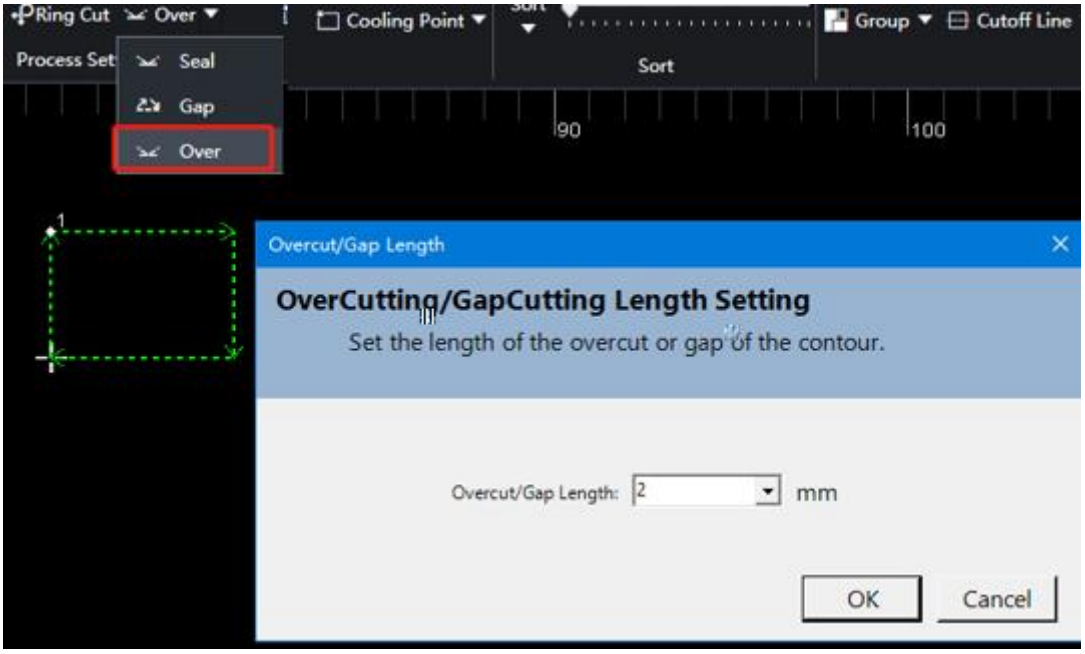


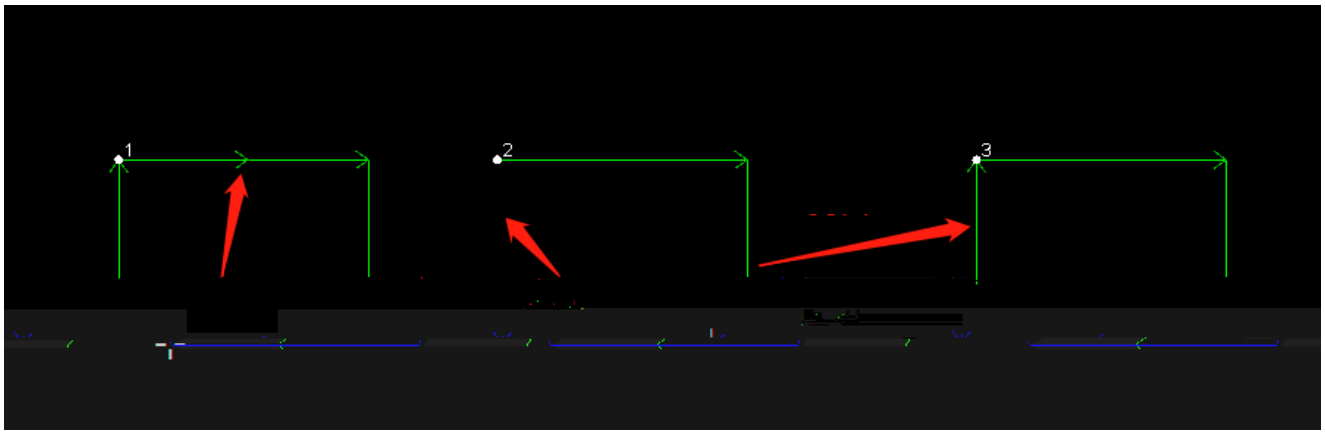
Start Point
Outer
MicroJoint
Manual Start Point
Auto Start Point
1
1

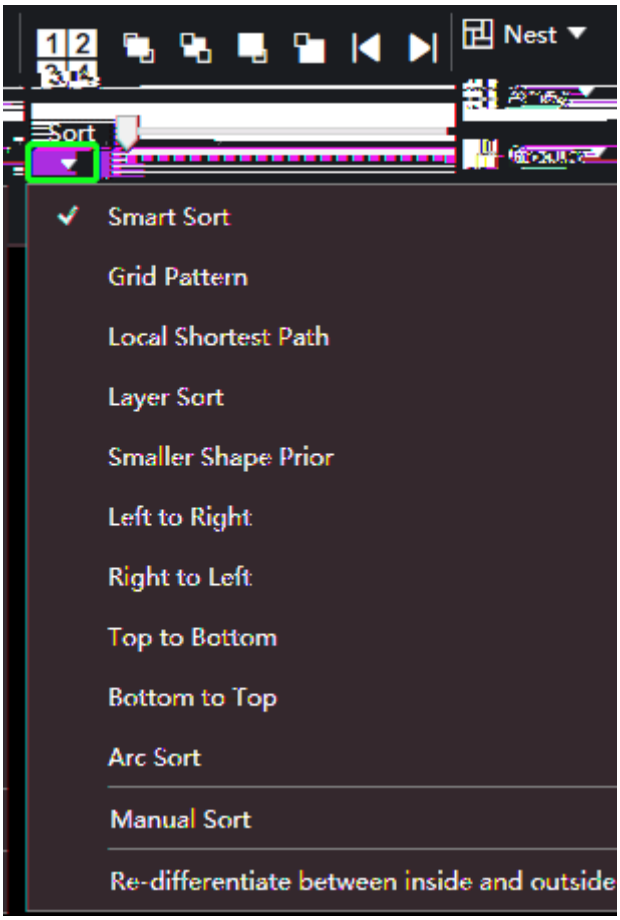

Compensation Setting
Compensation Parameter Setting
Cutting slot compensation for graphics.
The Compensation Parameters
Expand Distance:
1
0.1
mm
Contract Distance:
0.1
mm
Conner treatment:
Round
Common Config:
2
mm
Way of Compensation
Outer Expand, Inner Contract
All Expand
All Contract
Outer Contract, Inner Expand
3
Compensation for open figure
4
CancelOff
OK
Cancel

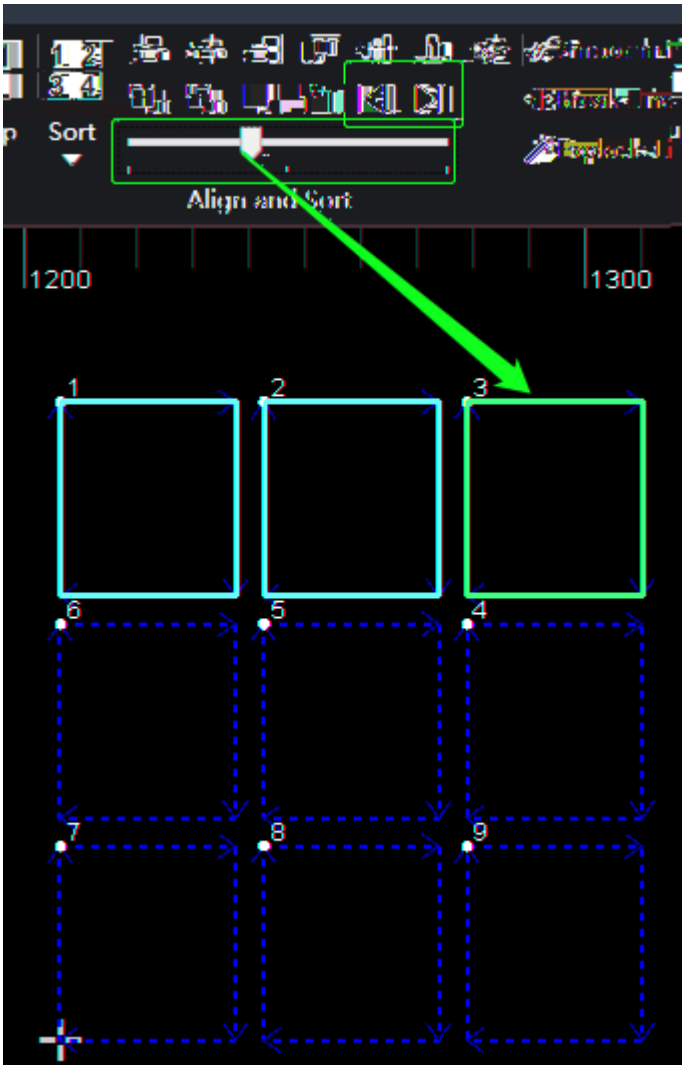


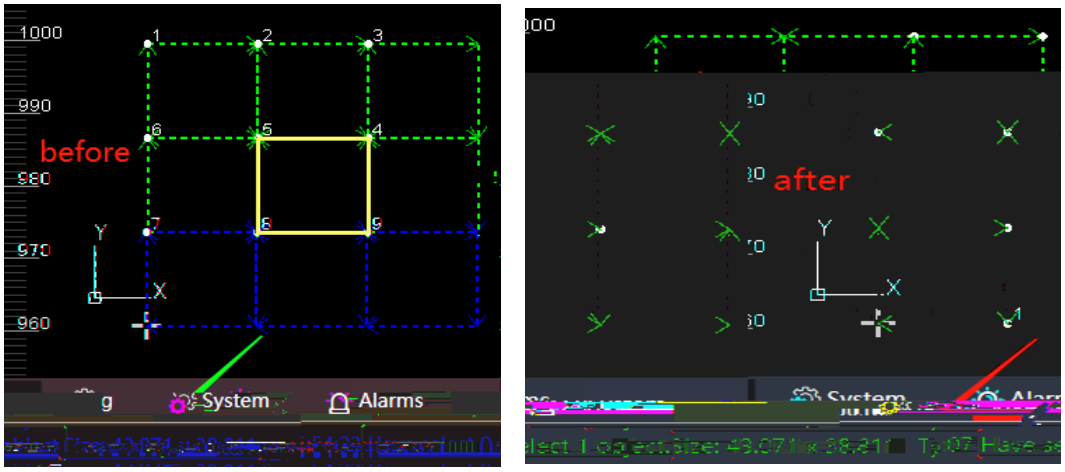


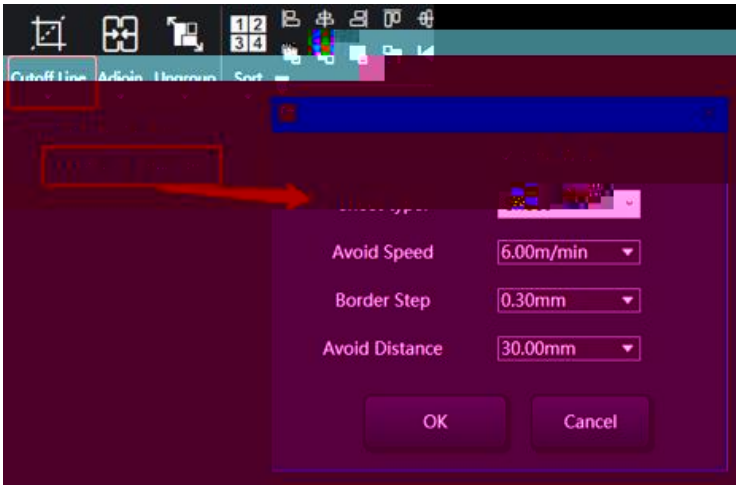

Ring Cut
Over
Cooling Point
Sort
Group
Cutoff Line
Process Set
Seal
Gap
Over
90
100
1
Overcut/Gap Length
OverCutting/GapCutting Length Setting
Set the length of the overcut or gap of the contour.
Overcut/Gap Length:
2
mm
OK
Cancel

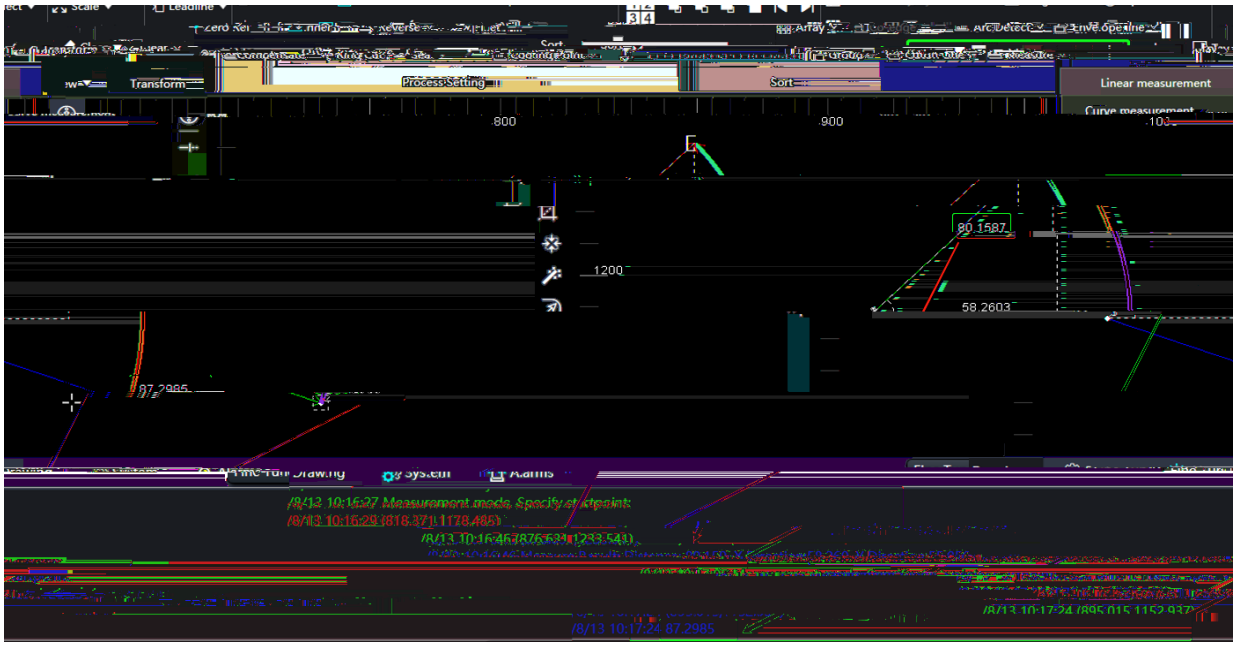

1
2
3

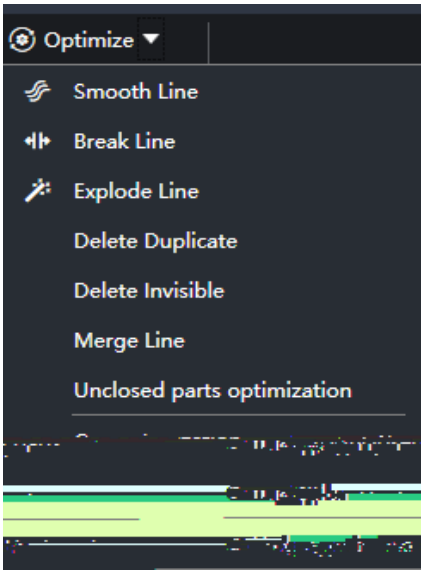

Nest
Sort
Smart Sort
Grid Pattern
Local Shortest Path
Layer Sort
Smaller Shape Prior
Left to Right
Right to Left
Top to Bottom
Bottom to Top
Arc Sort
Manual Sort
Re-differentiate between inside and outside

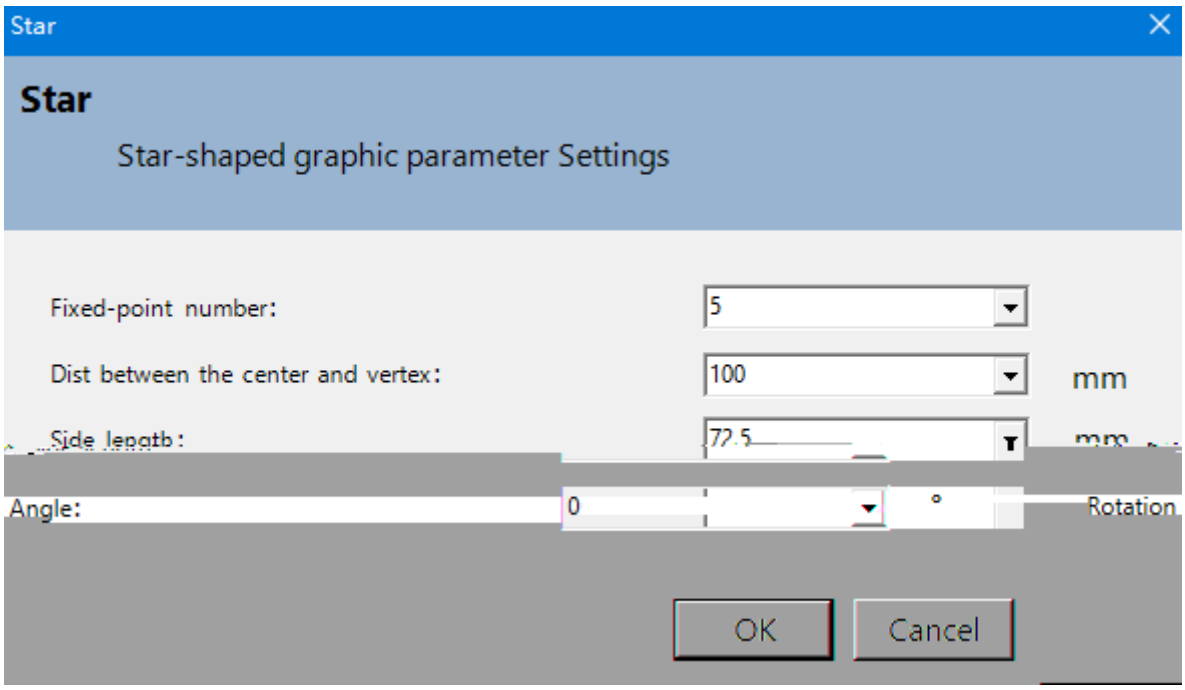

Sort
Align and Sort
1200
1300
1
2
3
6
5
4
7
8
9

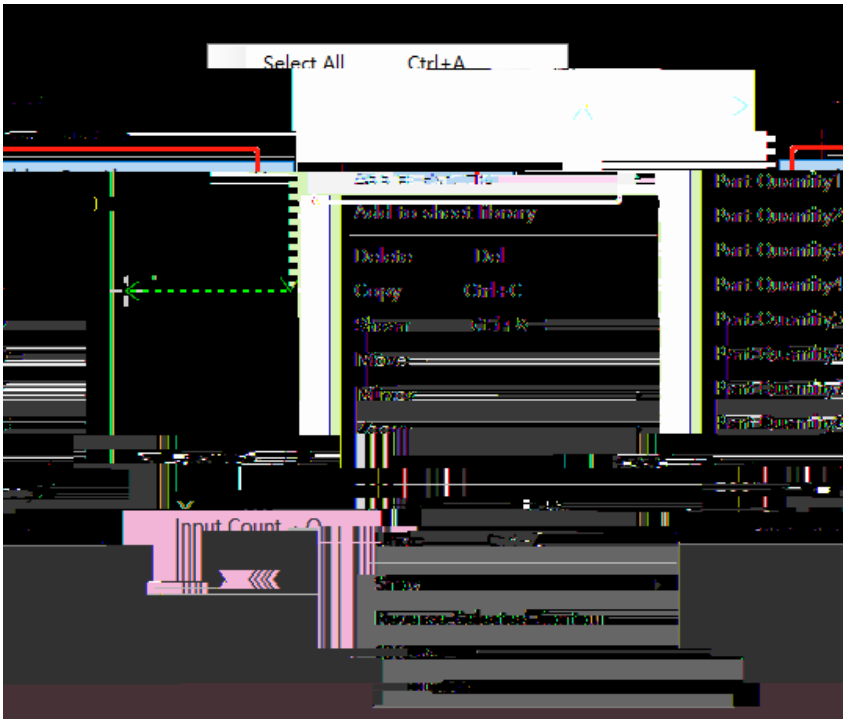

1000
990
980
970
960
before
after
System
Alarms

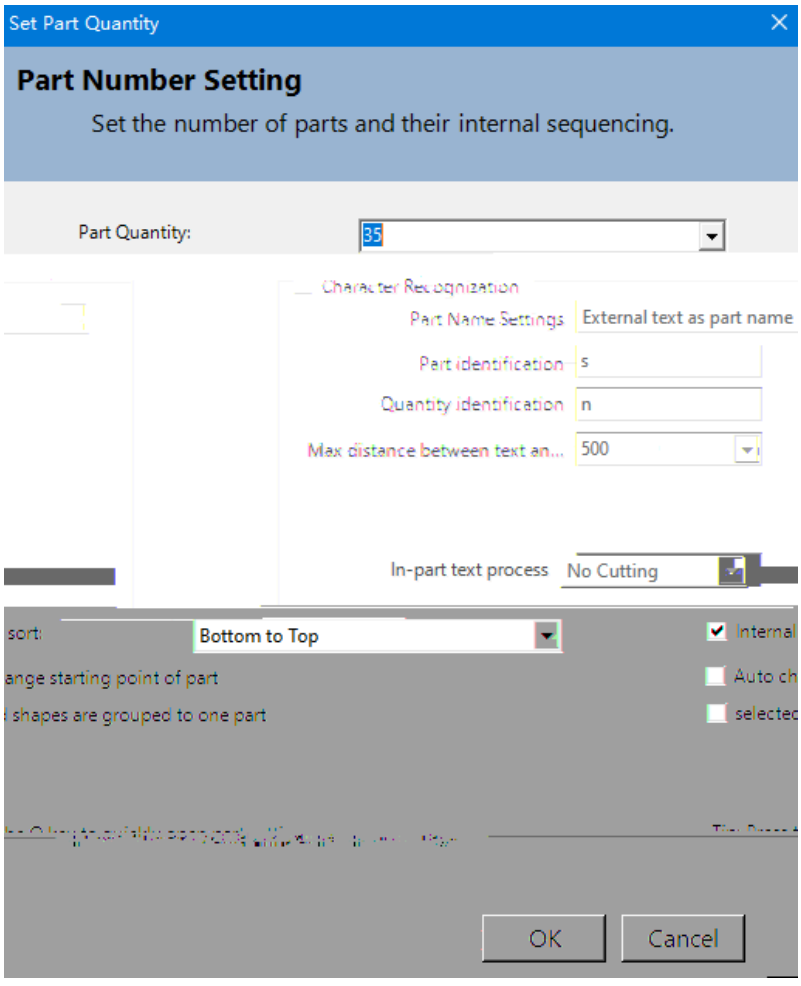

Avoid Speed
6.00m/min
Border Step
0.30mm
Avoid Distance
30.00mm
OK
Cancel

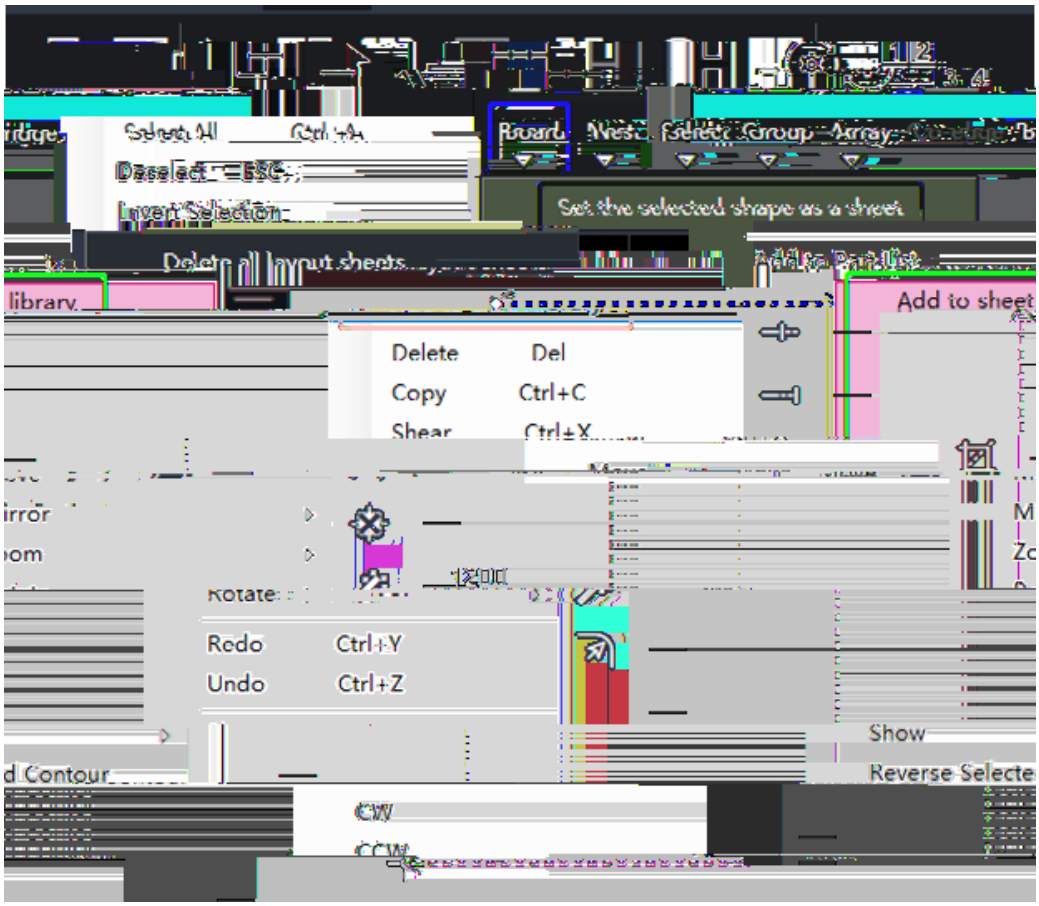

Transform
Process Setting
Sort
Linear measurement
800
900
1200
80.1587
58.2603

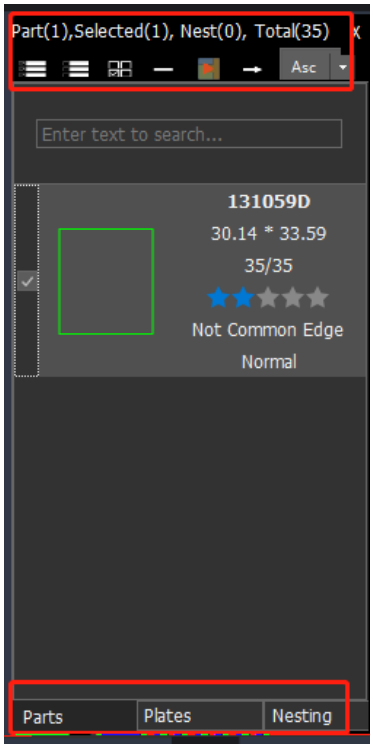

Optimize
Smooth Line
Break Line
Explode Line
Delete Duplicate
Delete Invisible
Merge Line
Unclosed parts optimization

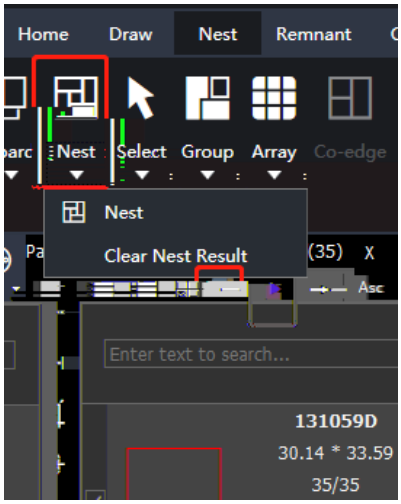

Star
Star
Star-shaped graphic parameter Settings
Fixed-point number:
5
Dist between the center and vertex:
100
mm
Side length:
72.5
mm
Angle:
0
°
Rotation
OK
Cancel

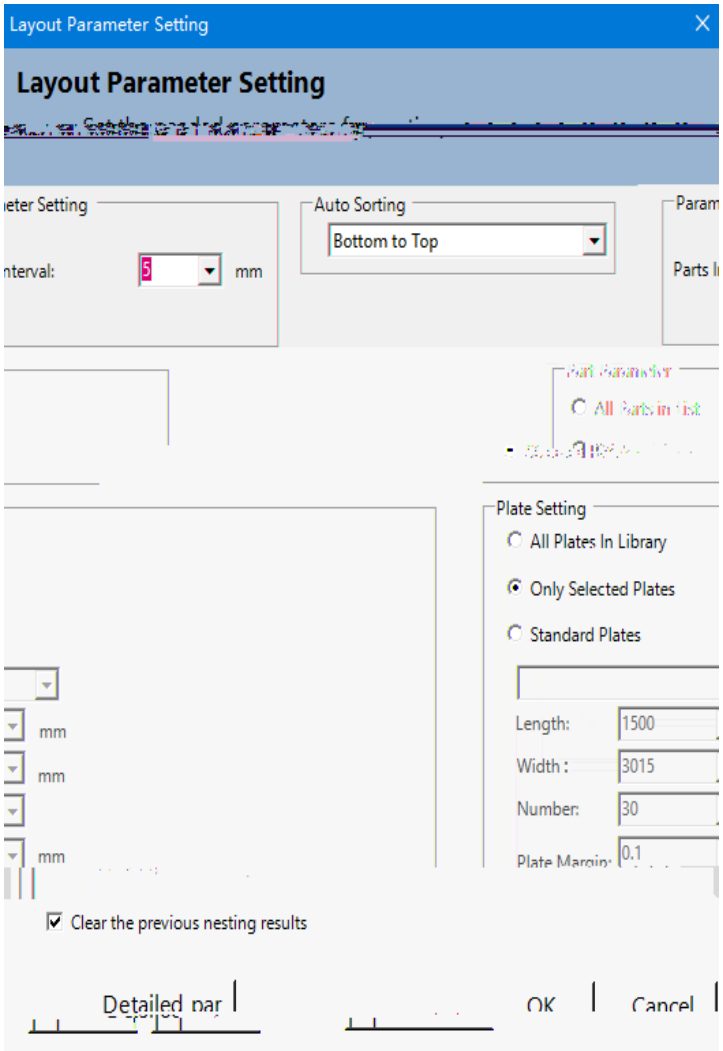

Select All Ctrl+A
Add to Asset Library
Delete Del
Copy Ctrl+C
Move
Mirror
Input Count

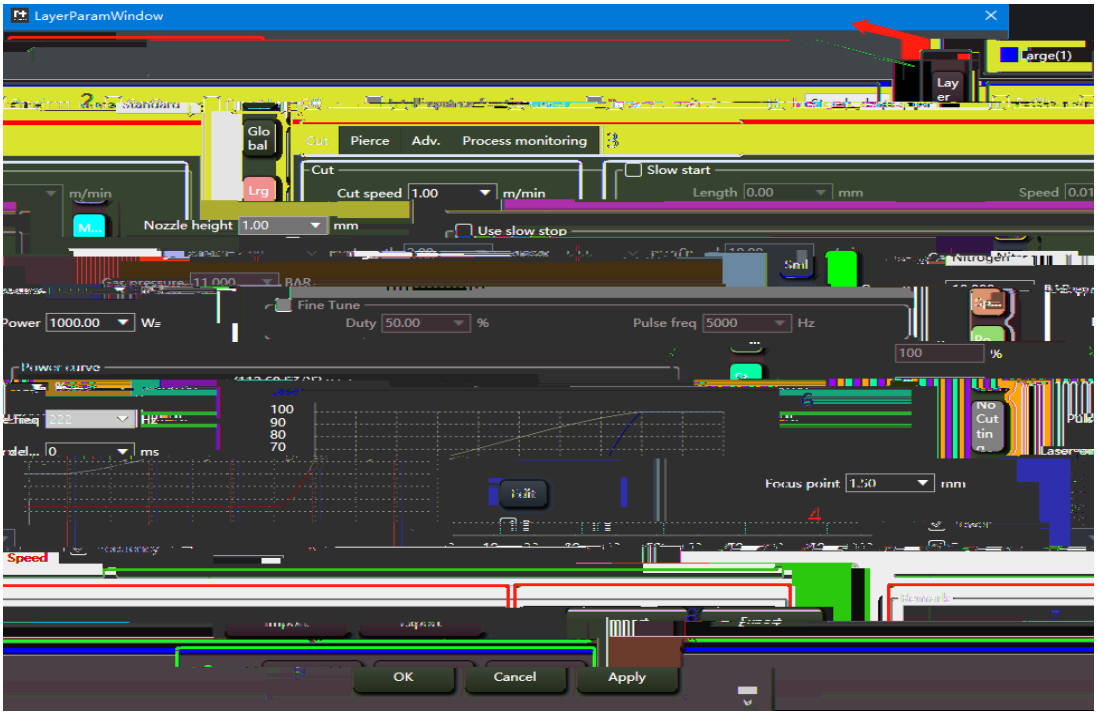

Set Part Quantity
Part Number Setting
Set the number of parts and their internal sequencing.
Part Quantity:
35
Part Name Settings
External text as part name
Part identification
s
Quantity identification
n
Max distance between text an...
500
In-part text process
No Cutting
sort:
Bottom to Top
Internal
ange starting point of part
Auto ch
shapes are grouped to one part
selected
OK
Cancel

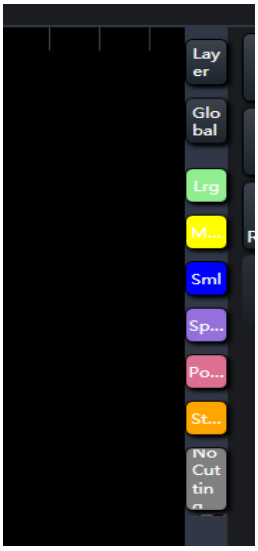

Select All Ctrl+A
Deselect ESC
Invert Selection
Set the selected shape as a sheet
Delete all layout sheets
library
Add to sheet
Delete Del
Copy Ctrl+C
Shear Ctrl+X
Rotate
Redo Ctrl+Y
Undo Ctrl+Z
Show
Reverse Selecte
CW
CCW


Part(1),Selected(1), Nest(0), Total(35)
Asc
Enter text to search...
131059D
30.14 * 33.59
35/35
Not Common Edge
Normal
Parts
Plates
Nesting

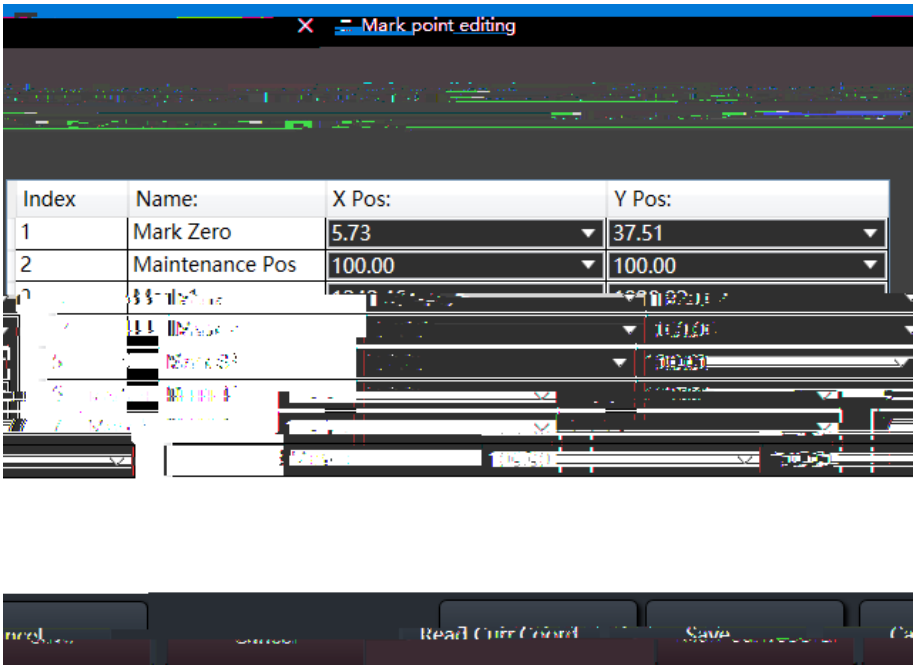

Home
Draw
Nest
Remnant
Nest
Select
Group
Array
Co-edge
Nest
Clear Nest Result
(35)
Asc
Enter text to search...
131059D
30.14 * 33.59
35/35


Layout Parameter Setting
Layout Parameter Setting
Auto Sorting
Bottom to Top
mm
Plate Setting
All Plates In Library
Only Selected Plates
Standard Plates
Length:
1500
Width :
3015
Number:
30
mm
mm
mm
Clear the previous nesting results
OK
Cancel


LayerParamWindow
Glo
bal
Lrg
Cut
Pierce
Adv.
Process monitoring
Cut
Cut speed 1.00 m/min
Slow start
Length 0.00 mm
Nozzle height 1.00 mm
Use slow stop
Fine Tune
Duty 50.00 %
Pulse freq 5000 Hz
Power curve
Focus point 1.50 mm
Speed
OK
Cancel
Apply


Lay
er
Glo
bal
Lrg
M...
Sml
Sp...
Po...
St...
No
Cut
tin

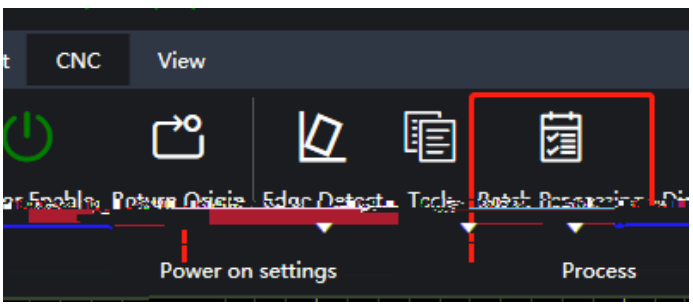
Mark

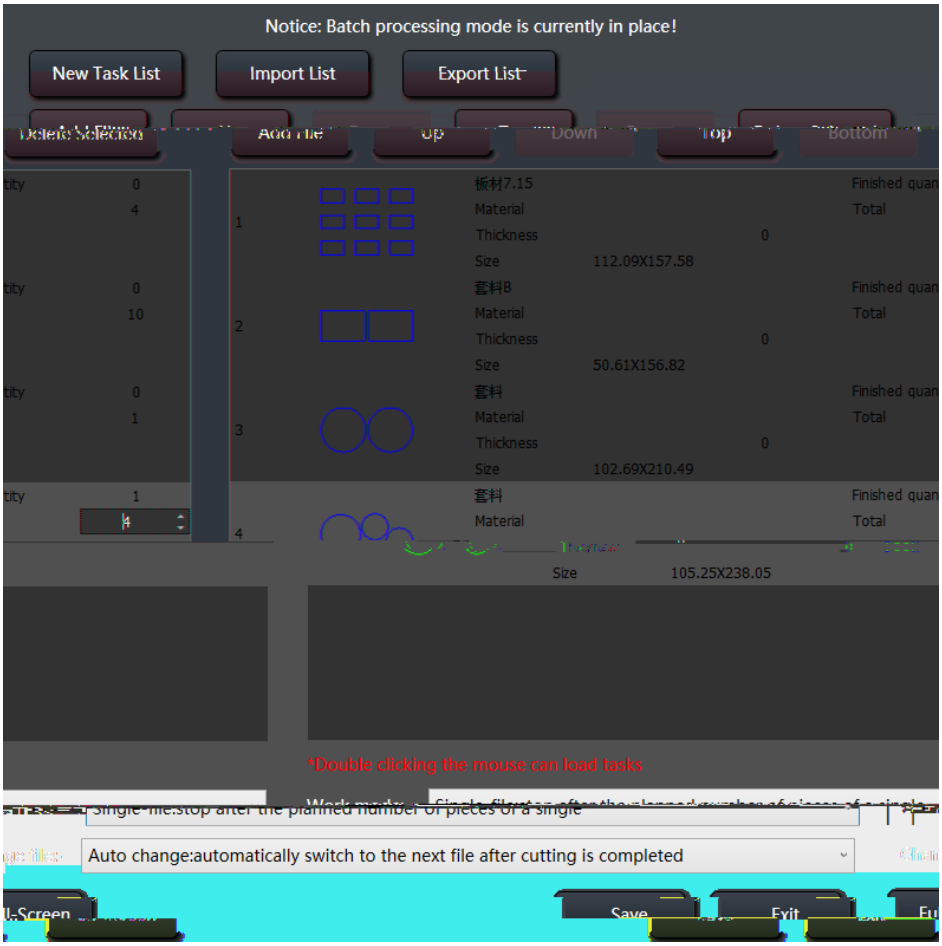

Mark point editing
Index
Name:
X Pos:
Y Pos:
1
Mark Zero
5.73
37.51
2
Maintenance Pos
100.00
100.00

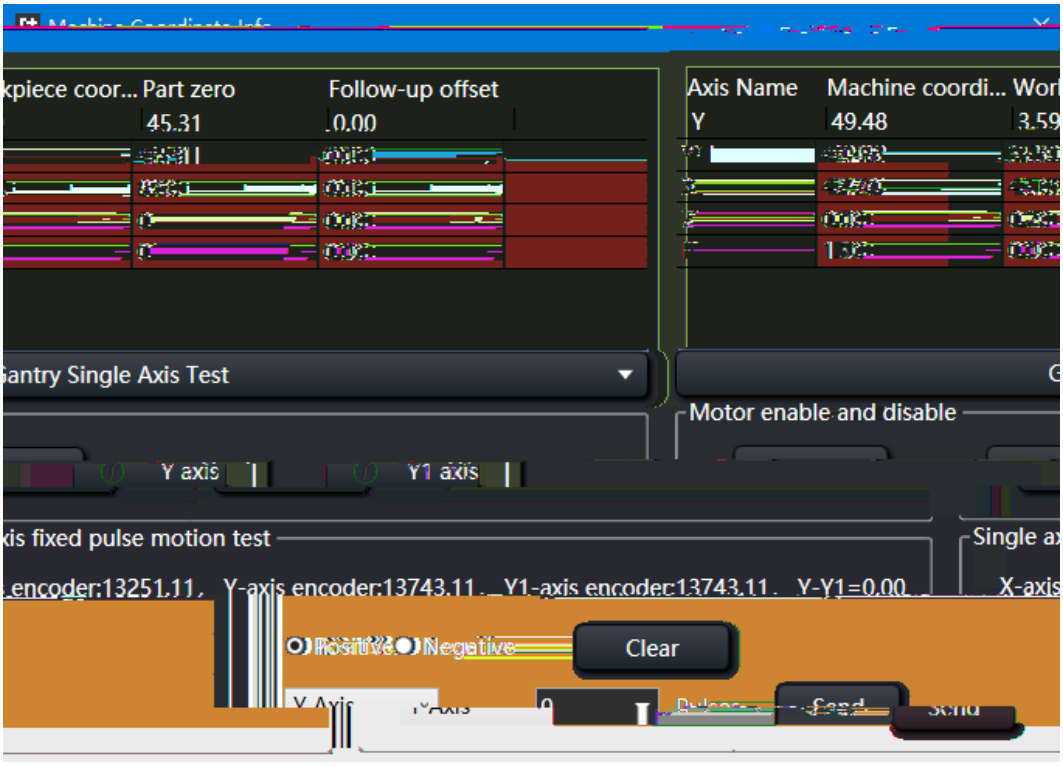
Mark Zero

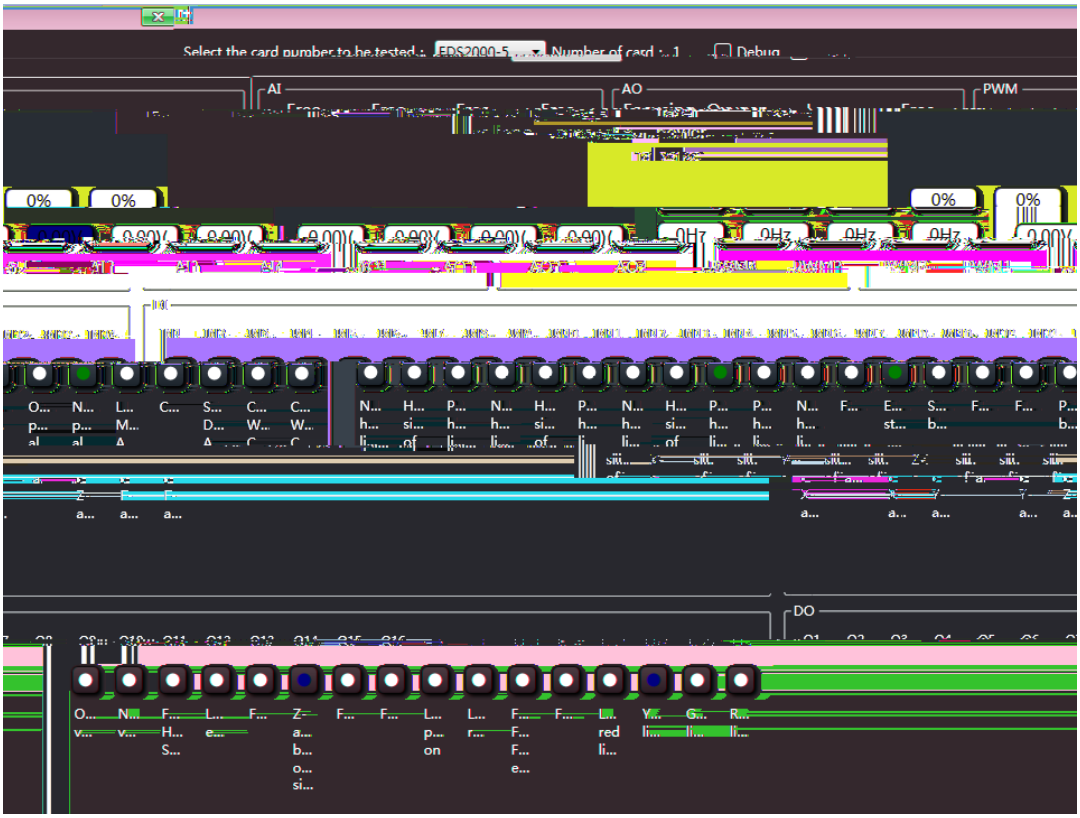
Mark point selecting
Mark Zero
Maintenance Pos
Mark 1

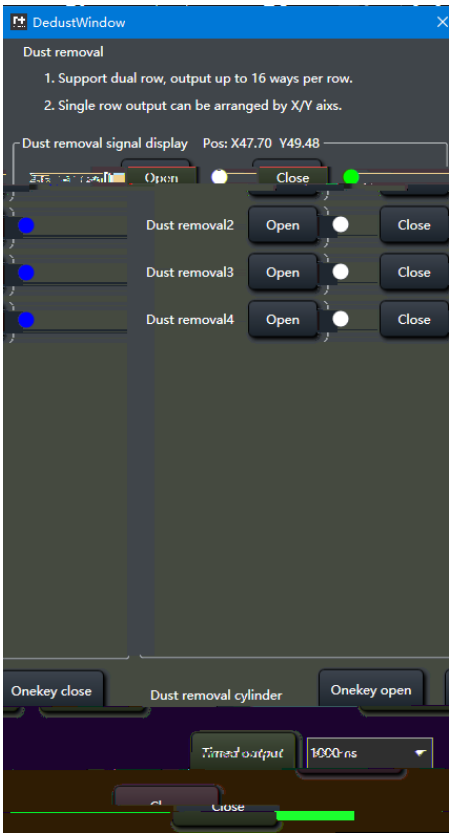
Memory edge detection angle

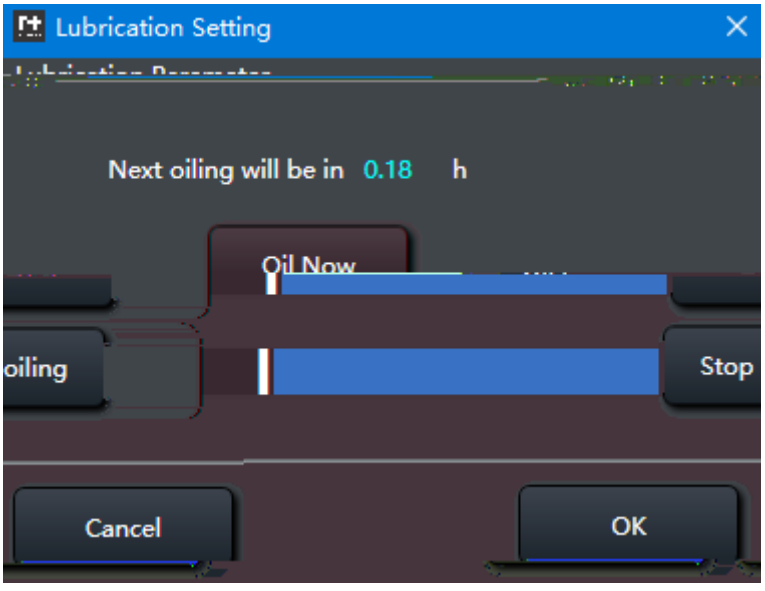


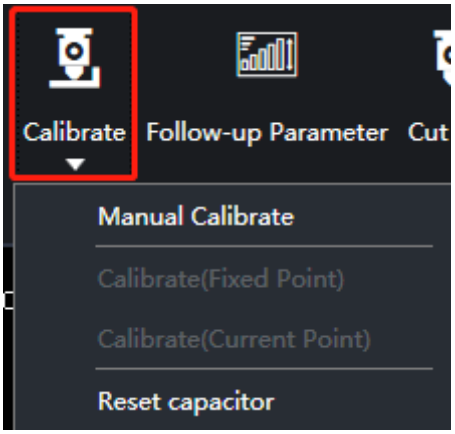

Notice: Batch processing mode is currently in place!
New Task List
Import List
Export List
Add File
Up
Down
Top
Bottom
板材7.15
Material
Thickness
Size
112.09X157.58
套料B
50.61X156.82
套料
102.69X210.49
105.25X238.05
Finished quan
Total
*Double clicking the mouse can load tasks
Auto change:automatically switch to the next file after cutting is completed
Save
Exit

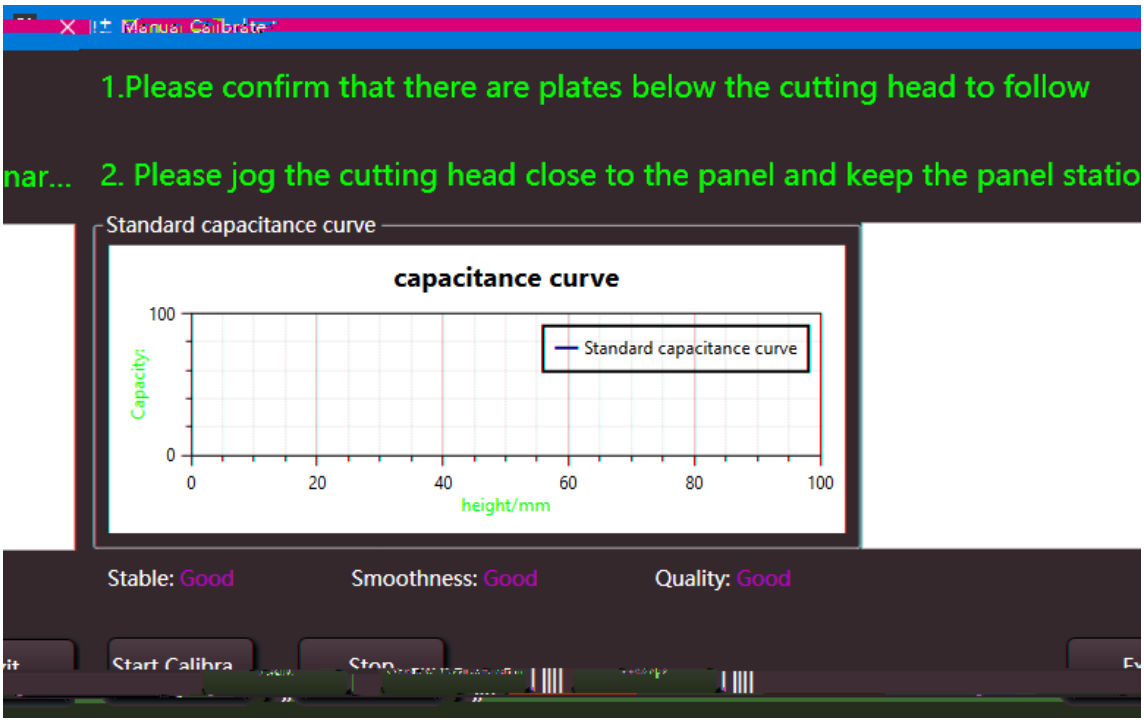

Part zero
Follow-up offset
45.31
0.00
Axis Name
Machine coordi...
Y
49.48
Gantry Single Axis Test
Motor enable and disable
Y axis
Y1 axis
Axis fixed pulse motion test
Y-axis encoder:13743.11
Y1-axis encoder:13743.11
Y-Y1=0.00
Positive
Negative
Clear
Send


AI
AO
PWM
DO


DedustWindow
Dust removal
1. Support dual row, output up to 16 ways per row.
2. Single row output can be arranged by X/Y aixs.
Dust removal signal display
Pos: X47.70 Y49.48
Open
Close
Dust removal2
Open
Close
Dust removal3
Open
Close
Dust removal4
Open
Close
Onekey close
Dust removal cylinder
Onekey open
1000 ms

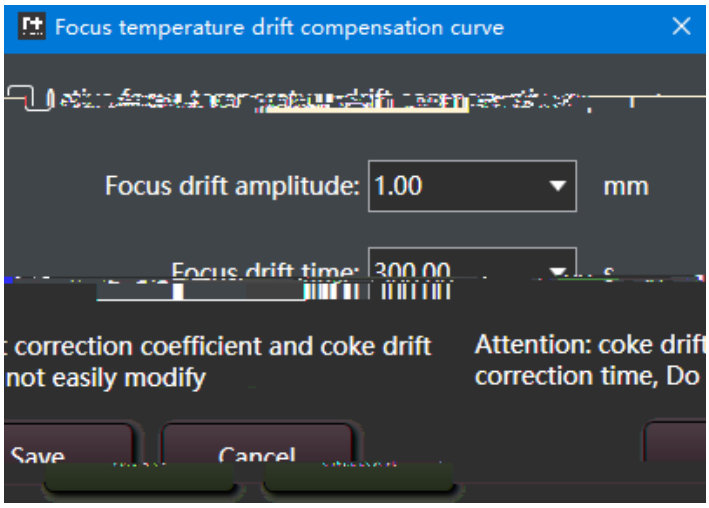

Lubrication Setting
Next oiling will be in 0.18 h
Oil Now
oiling
Stop
Cancel
OK

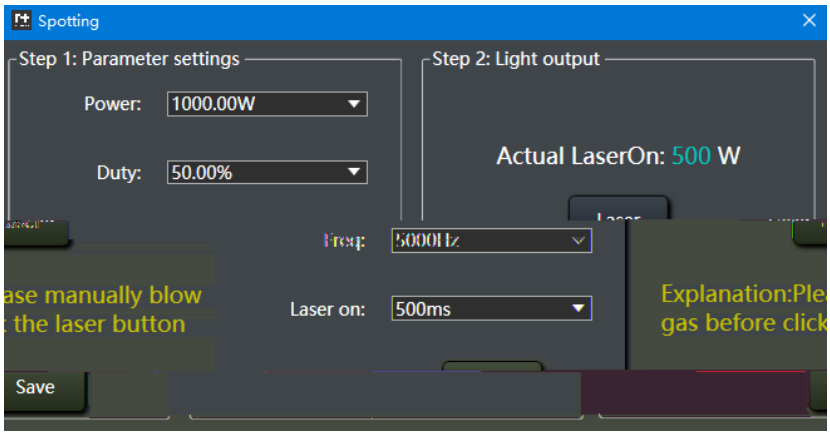

Calibrate
Follow-up Parameter
Cut
Manual Calibrate
Calibrate(Fixed Point)
Calibrate(Current Point)
Reset capacitor

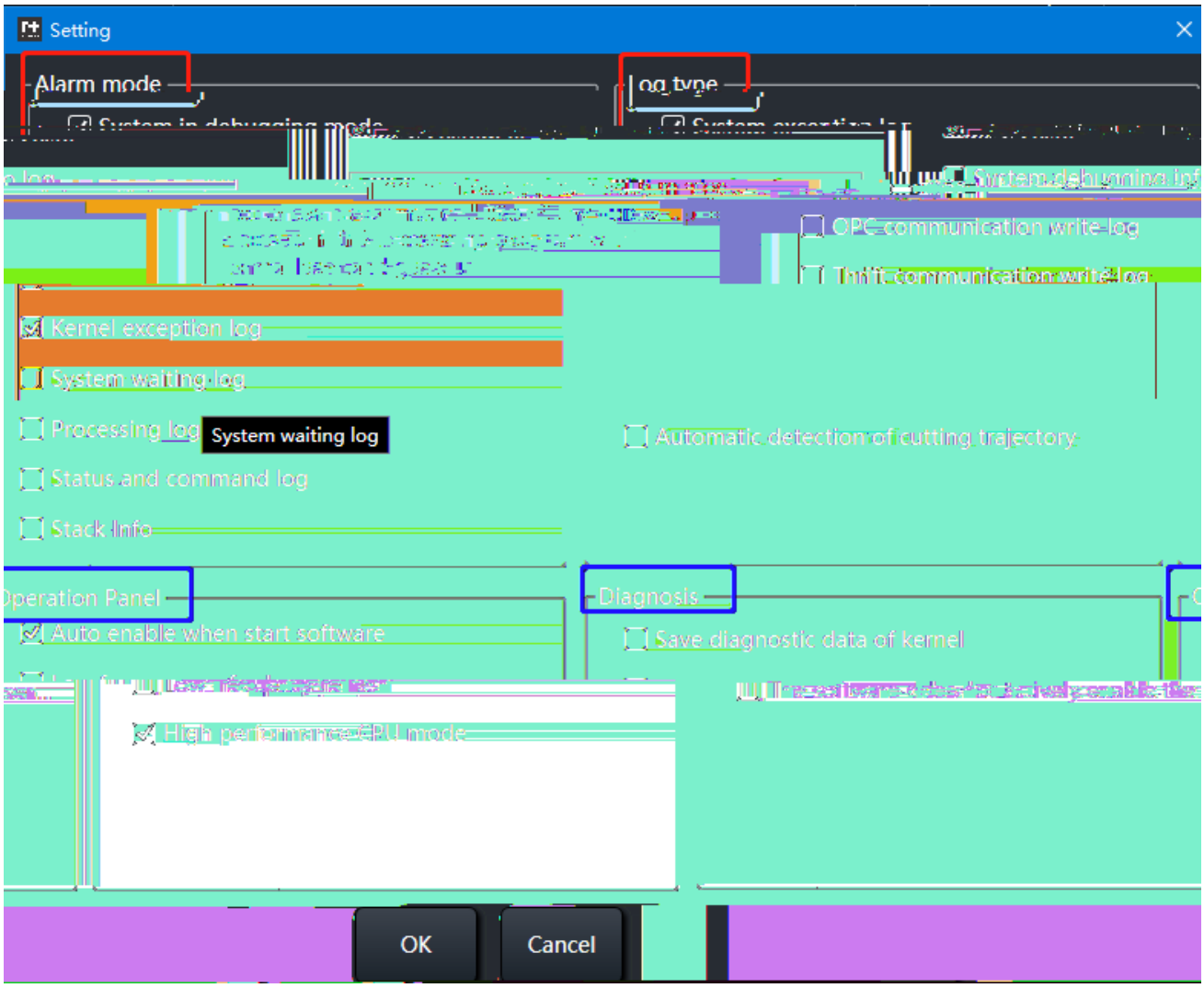

Manual Calibrate
1.Please confirm that there are plates below the cutting head to follow
nar...
2. Please jog the cutting head close to the panel and keep the panel statio
Standard capacitance curve
capacitance curve
Standard capacitance curve
Capacity:
100
0
0
20
40
60
80
100
height/mm
Stable: Good
Smoothness: Good
Quality: Good
Start Calibra
Stop

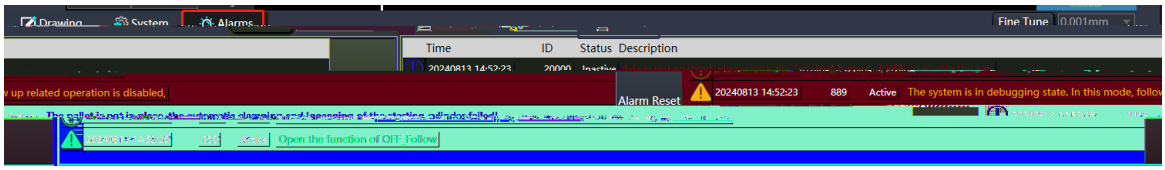
[illegible]

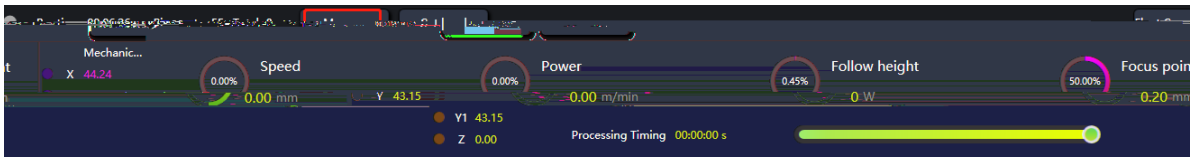
Š W

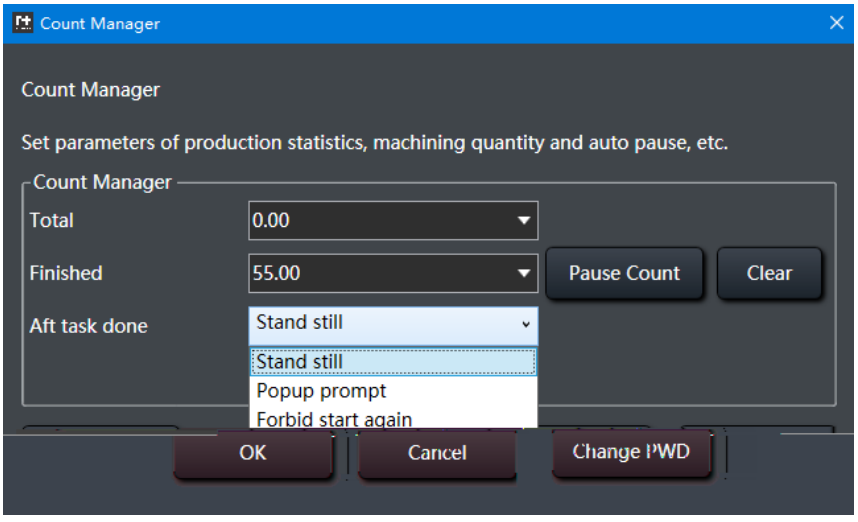

Focus temperature drift compensation curve
Focus drift amplitude: 1.00
mm
correction coefficient and coke drift
not easily modify
Attention: coke drift
correction time, Do
Save
Cancel


Spotting
Step 1: Parameter settings
Power: 1000.00W
Duty: 50.00%
Step 2: Light output
Actual LaserOn: 500 W
Laser on: 500ms
Explanation:Ple
gas before click
Save


Setting
Alarm mode
log type
OPC communication write log
Kernel exception log
System waiting log
Processing log
System waiting log
Automatic detection of cutting trajectory
Status and command log
Stack Info
Operation Panel
Diagnosis
Auto enable when start software
Save diagnostic data of kernel
High performance CPU mode
OK
Cancel


Drawing
System
Alarms
Fine Tune
0.001mm
Time
ID
Status
Description
Alarm Reset
20240813 14:52:23
889
Active
The system is in debugging state. In this mode, follow
Open the function of OFF Follow


Mechanic...
X 44.24
Speed
0.00%
0.00 mm
Y 43.15
Power
0.00%
0.00 m/min
Follow height
0.45%
0 W
Focus poin
50.00%
0.20
Y1 43.15
Z 0.00
Processing Timing 00:00:00 s


Count Manager
Count Manager
Set parameters of production statistics, machining quantity and auto pause, etc.
Count Manager
Total
0.00
Finished
55.00
Pause Count
Clear
Aft task done
Stand still
Stand still
Popup prompt
Forbid start again
OK
Cancel
Change PWD