SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF

New Open Vectorize Save as Machining Settings Help

Create point Line Endpoints Rectangle Circle Ct + Pt

Undo Delete Split Transla Side Iso

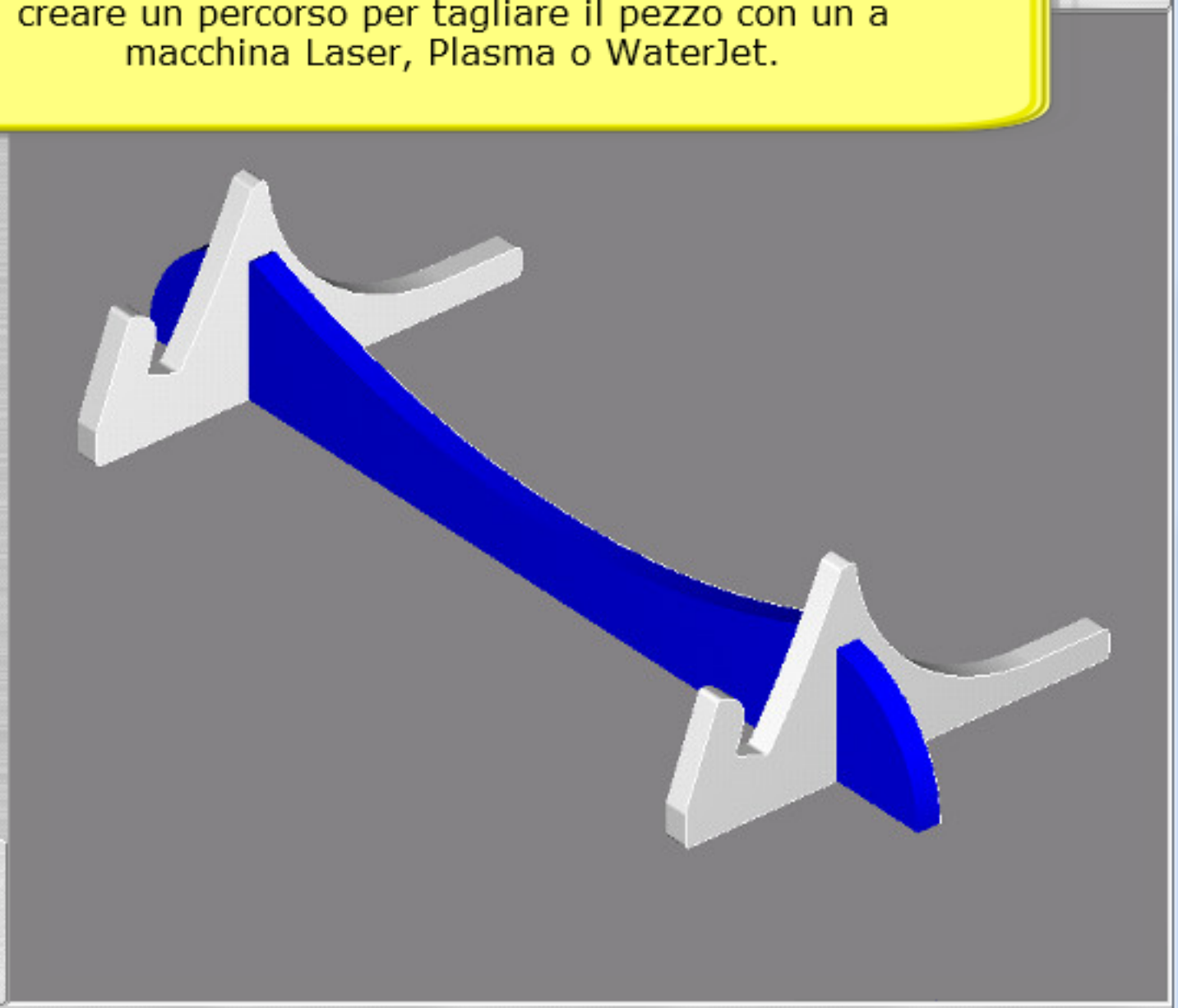
In questo semplice tutorial viene mostrato come creare un percorso per tagliare il pezzo con un a macchina Laser, Plasma o WaterJet.

Geometry Toolpath

Machine: LaserGBRL
Laser Cut D.0.3 (Laser Set1)
Parameters
Toolpath (138)

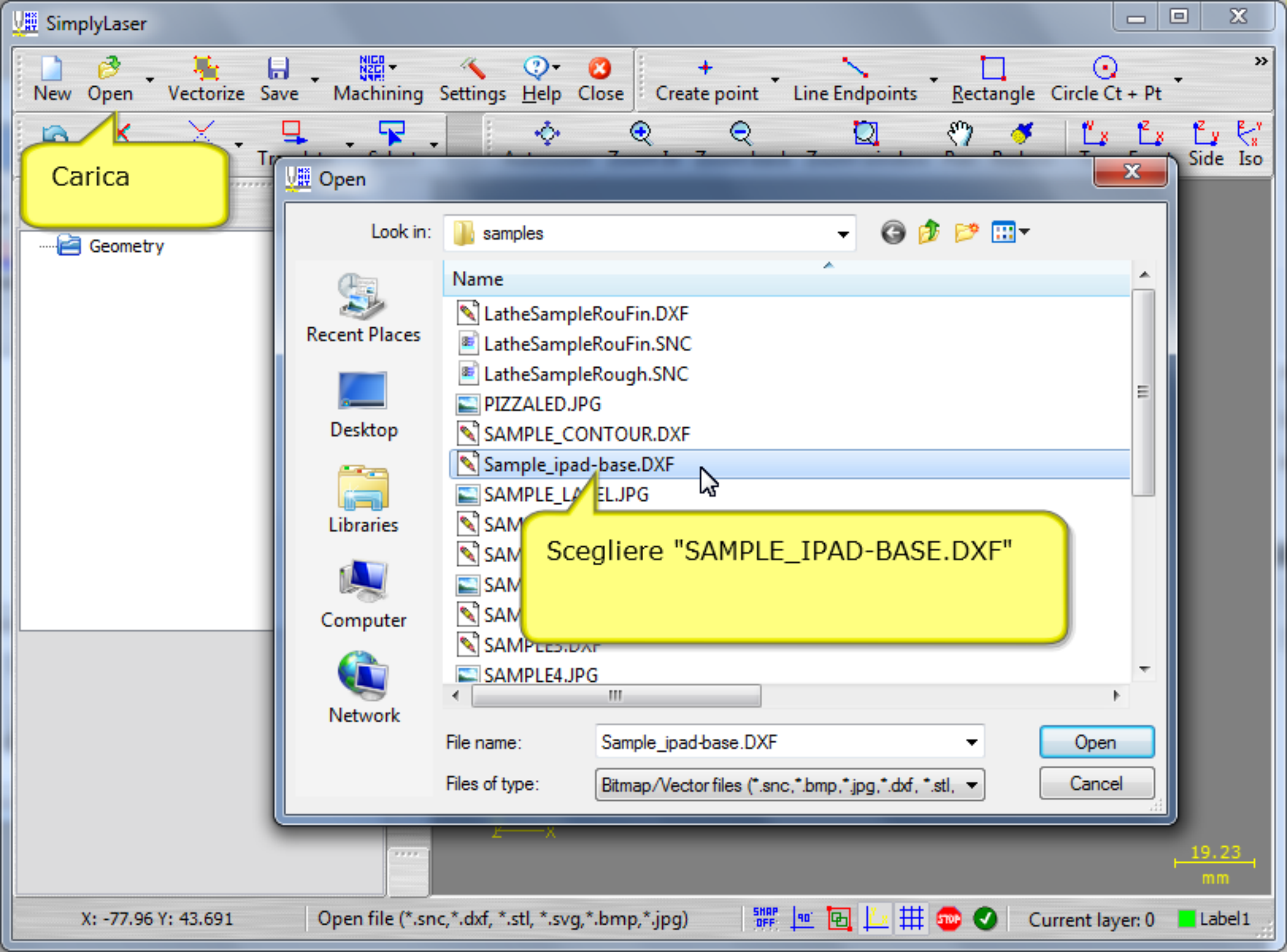
Change Post Run Post

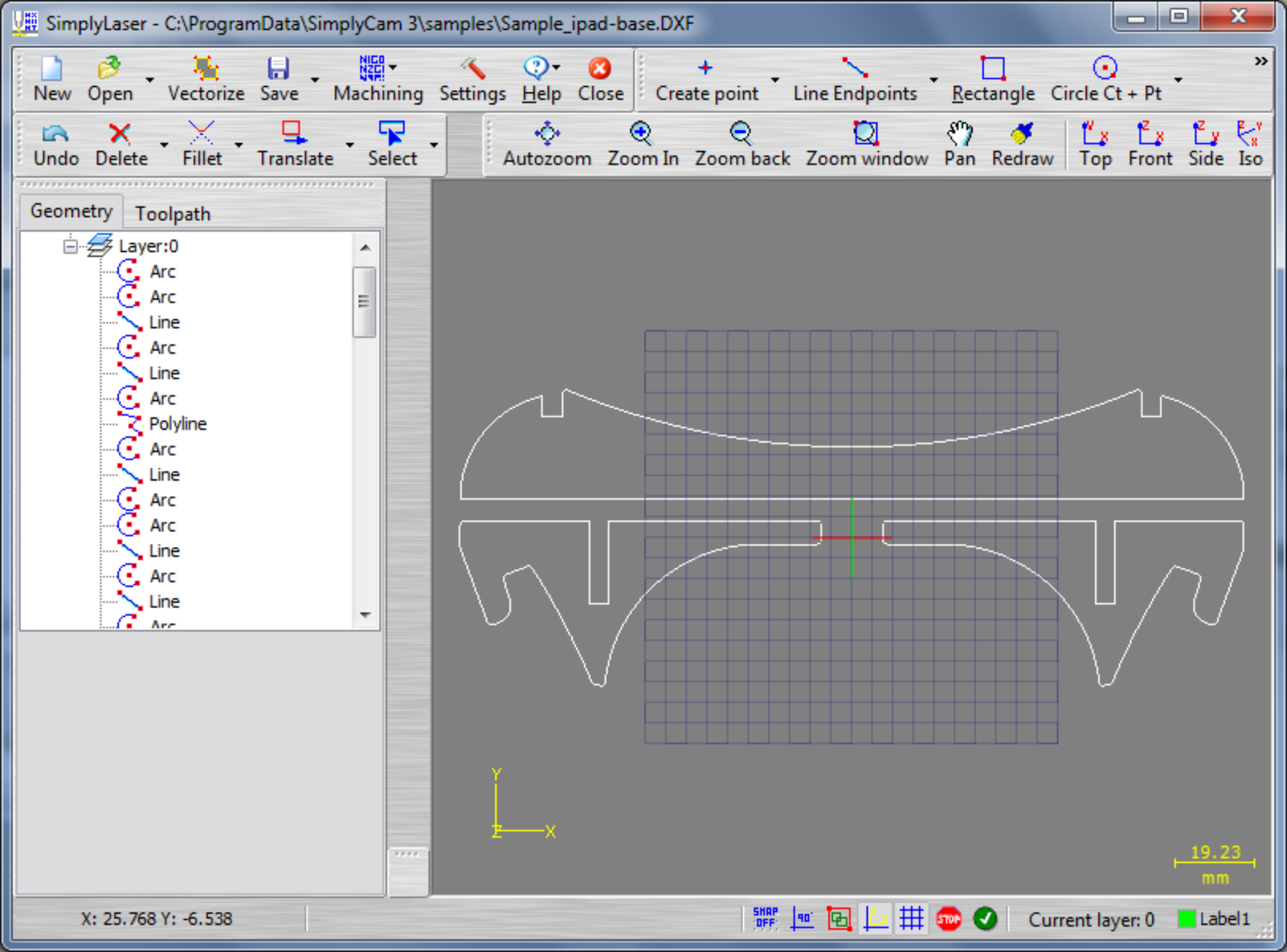
Show/Hide toolpaths

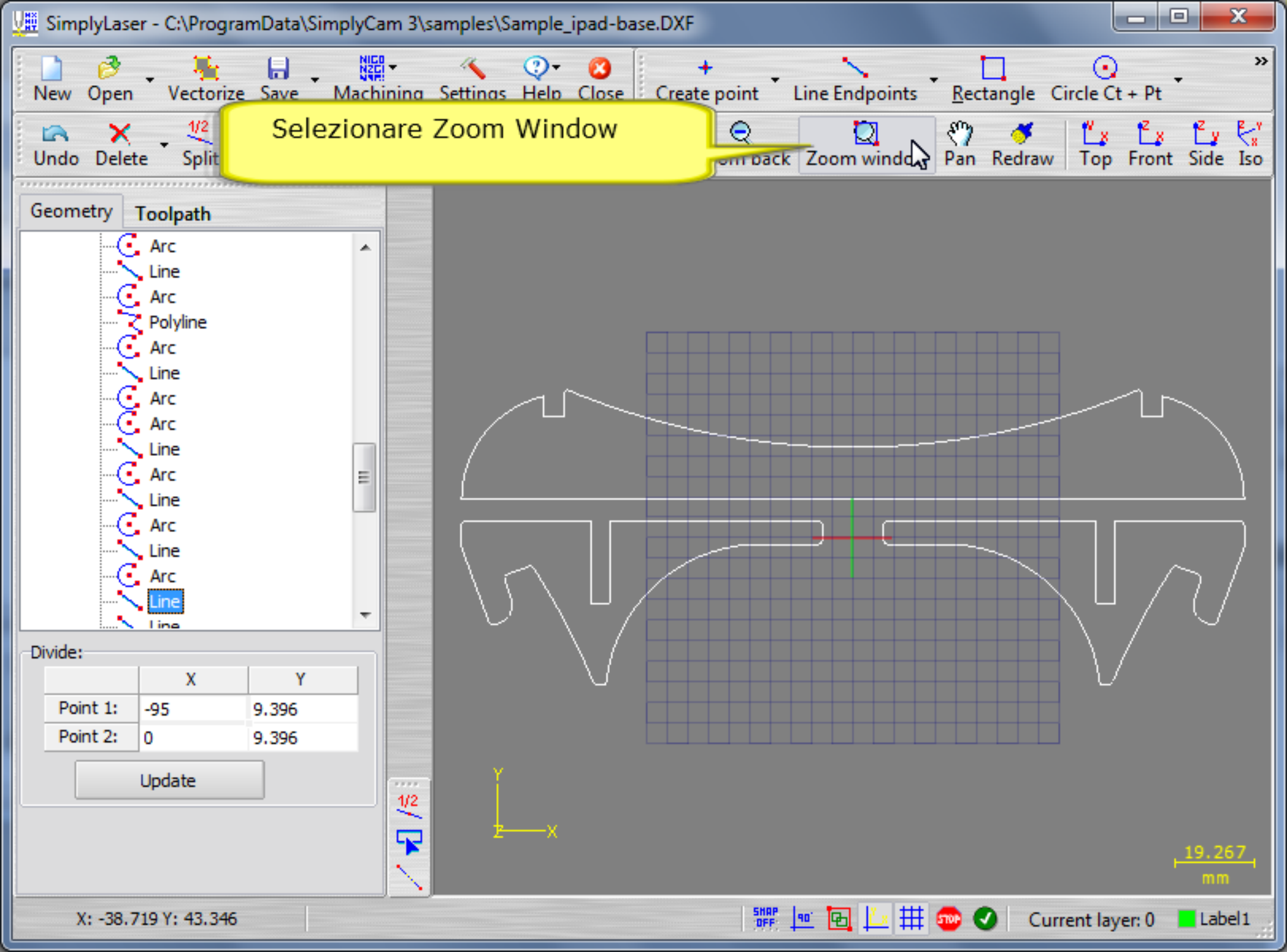


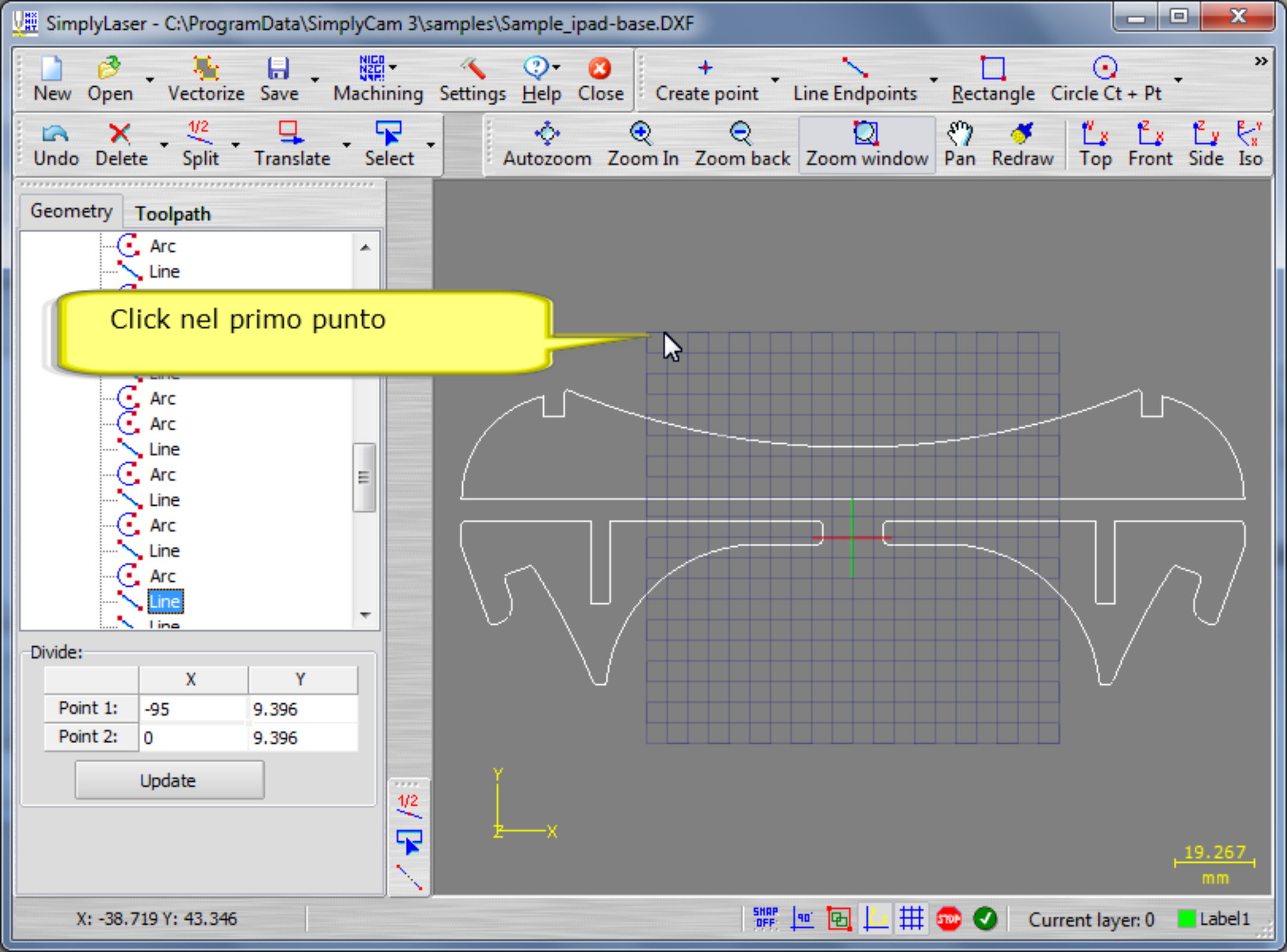
X: 1.574 Y: 9.245

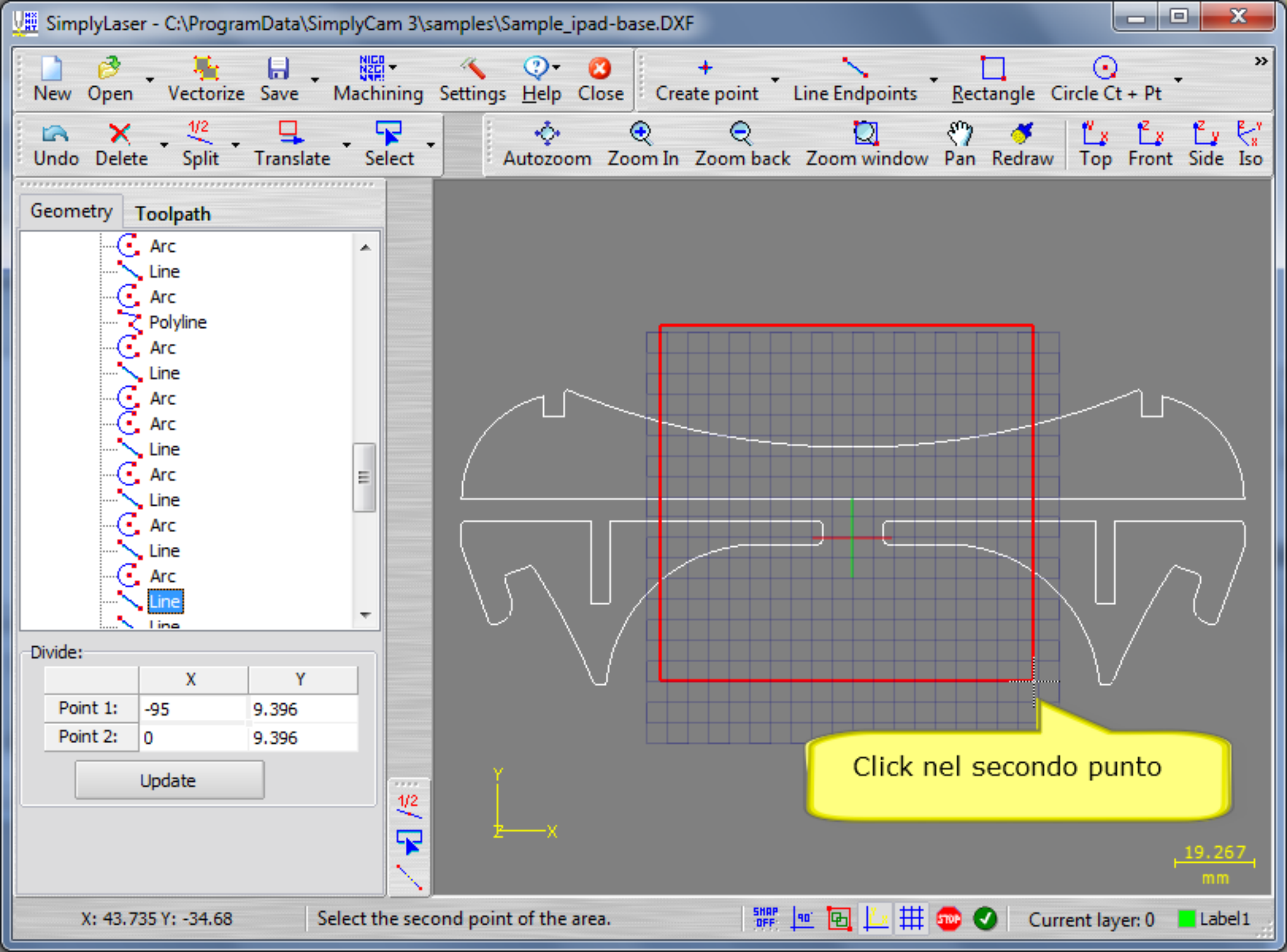
Current layer: 0 Label1

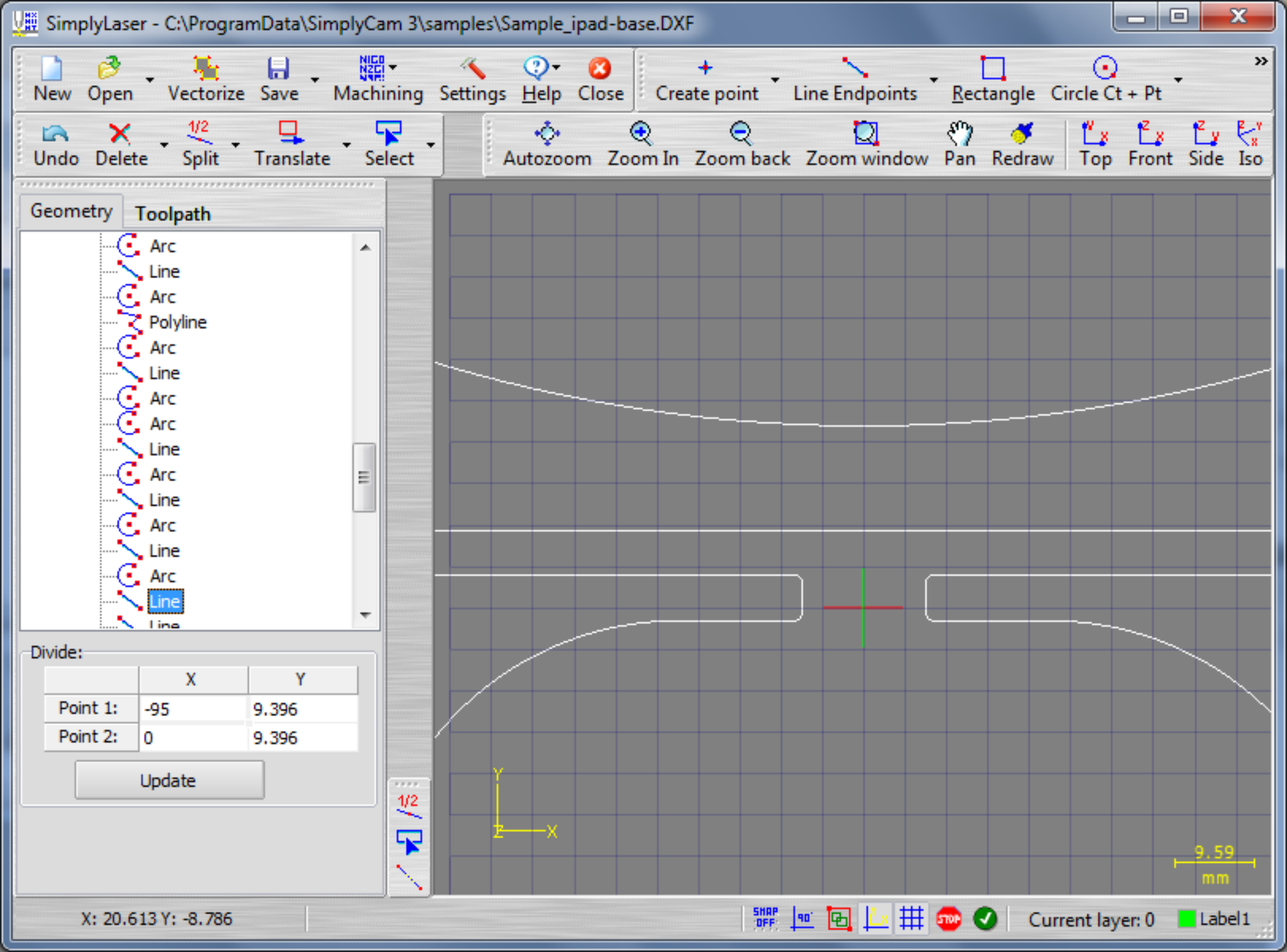

SimplyLaser
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Side
Iso
Carica
Geometry
Open
Look in:
samples
Name
LatheSampleRouFin.DXF
LatheSampleRouFin.SNC
LatheSampleRough.SNC
PIZZALED.JPG
SAMPLE_CONTOUR.DXF
Sample_ipad-base.DXF
SAMPLE4.JPG
Recent Places
Desktop
Libraries
Computer
Network
Scegliere "SAMPLE_IPAD-BASE.DXF"
File name:
Sample_ipad-base.DXF
Files of type:
Bitmap/Vector files (*.snc,*.bmp,*.jpg,*.dxf, *.stl,
Open
Cancel
19.23
mm
X: -77.96 Y: 43.691
Open file (*.snc,*.dxf, *.stl, *.svg,*.bmp,*.jpg)
Current layer: 0
Label1

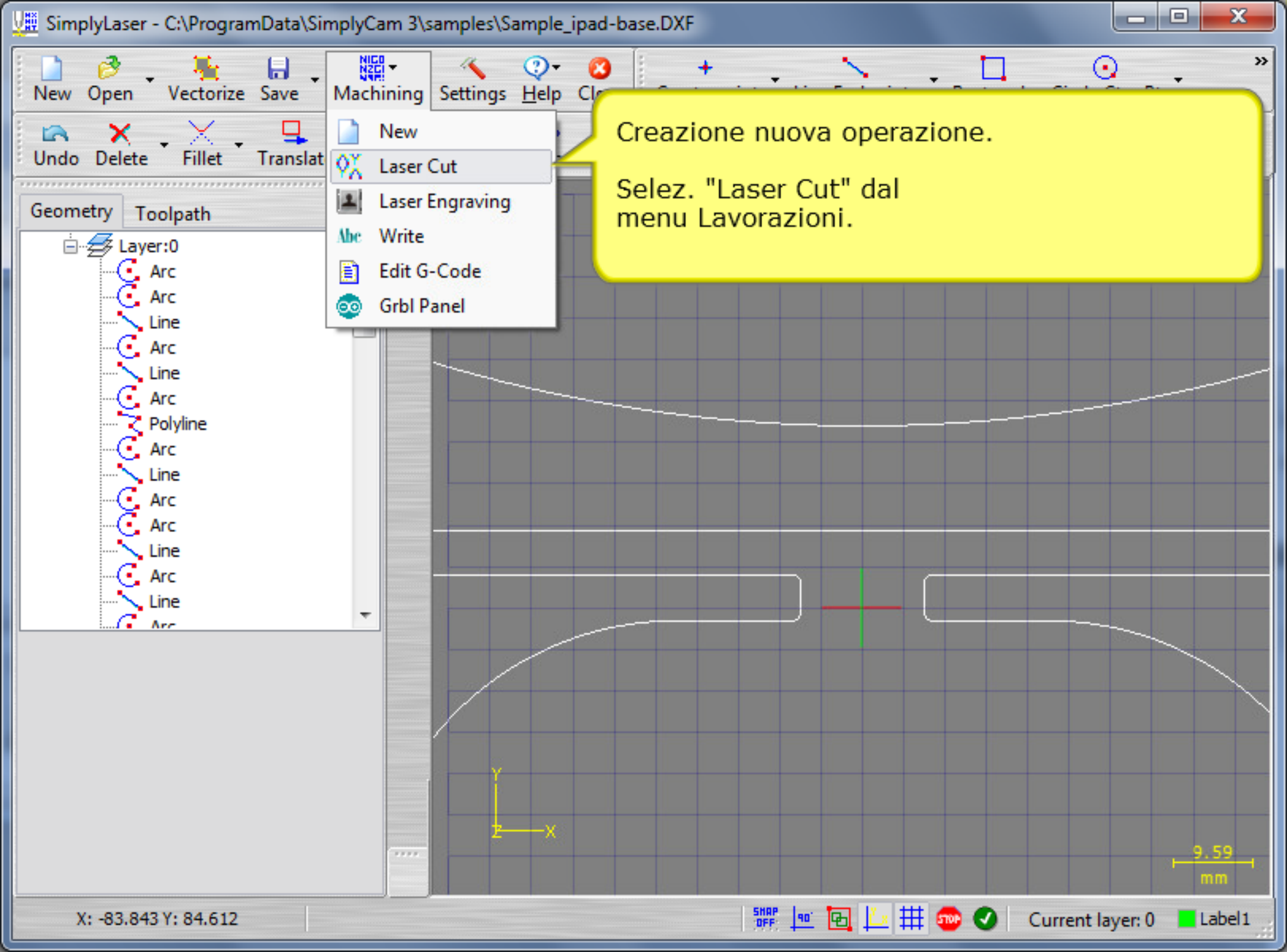

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Fillet
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Layer:0
Arc
Arc
Line
Arc
Line
Arc
Polyline
Arc
Line
Arc
Arc
Line
Arc
Line
Arc
Y
Z
X
19.23
mm
X: 25.768 Y: -6.538
SNAP OFF
90°
STOP
Current layer: 0
Label1

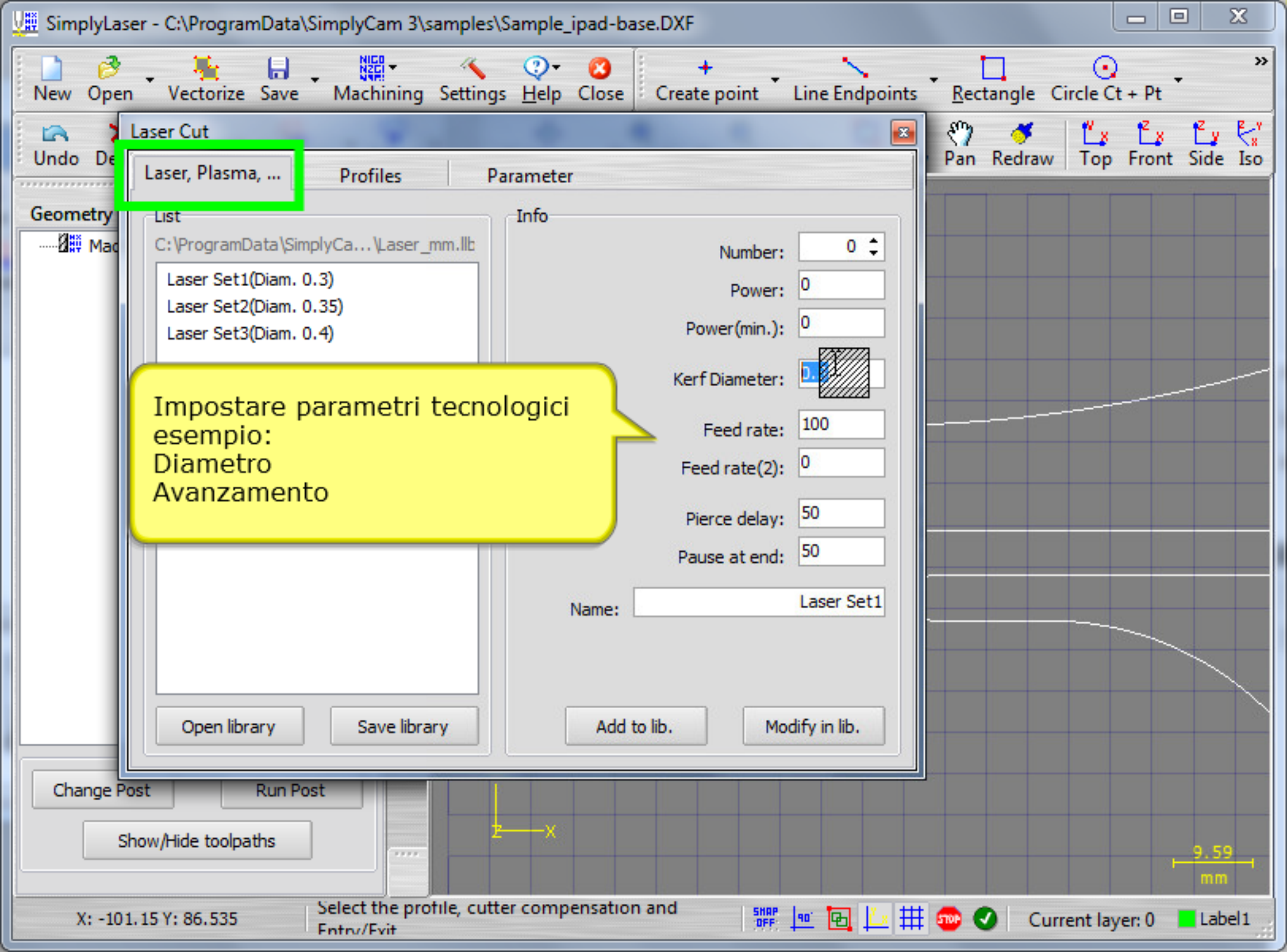

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Selezionare Zoom Window
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Arc
Line
Arc
Polyline
Arc
Line
Arc
Arc
Line
Arc
Line
Arc
Line
Arc
Line
Divide:
X
Y
Point 1:
-95
9.396
Point 2:
0
9.396
Update
19.267
mm
X: -38.719 Y: 43.346
Current layer: 0
Label1

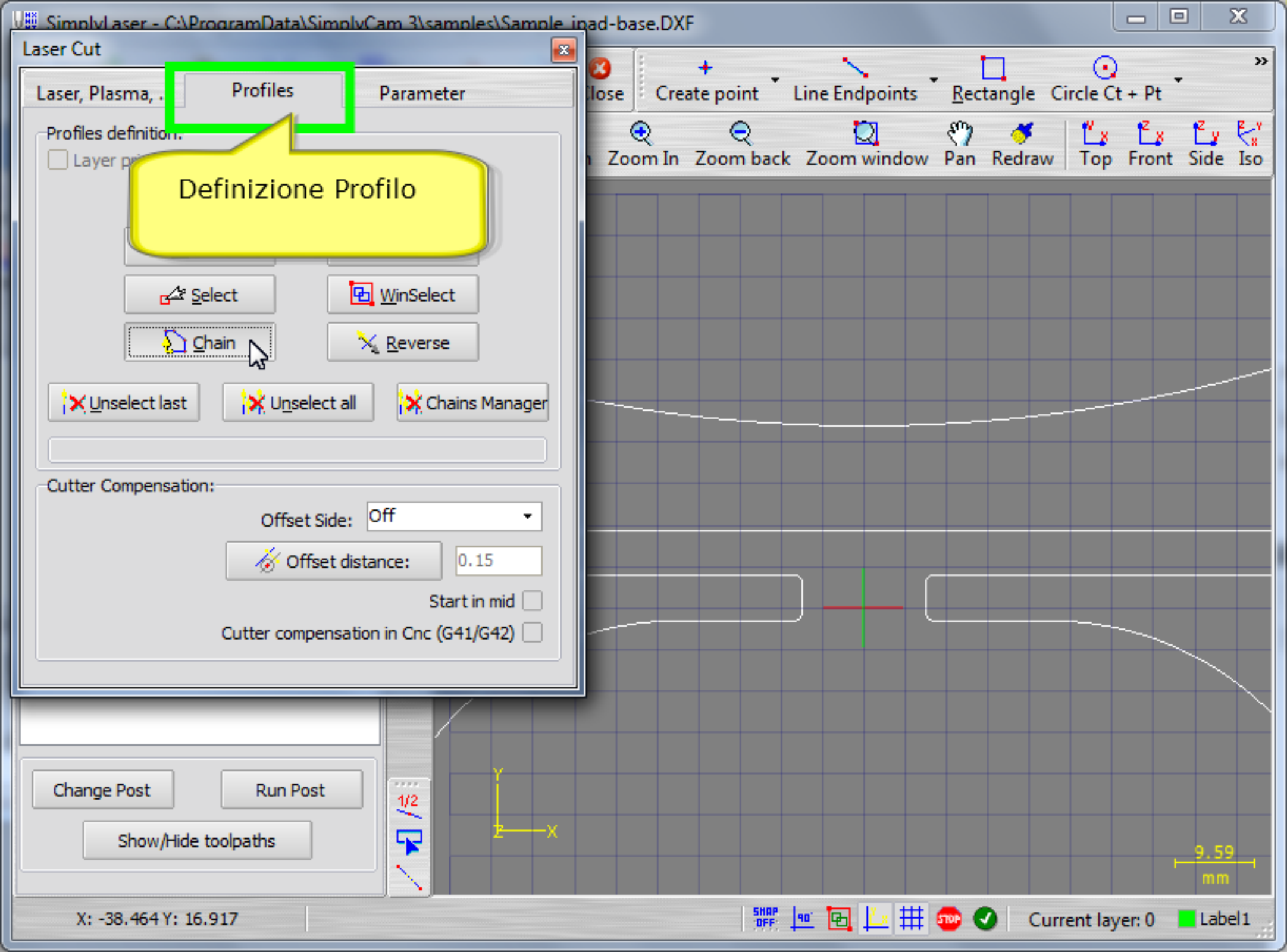

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Arc
Line
Click nel primo punto
Divide:
X
Y
Point 1:
-95
9.396
Point 2:
0
9.396
Update
19.267
mm
X: -38.719 Y: 43.346
Current layer: 0
Label1

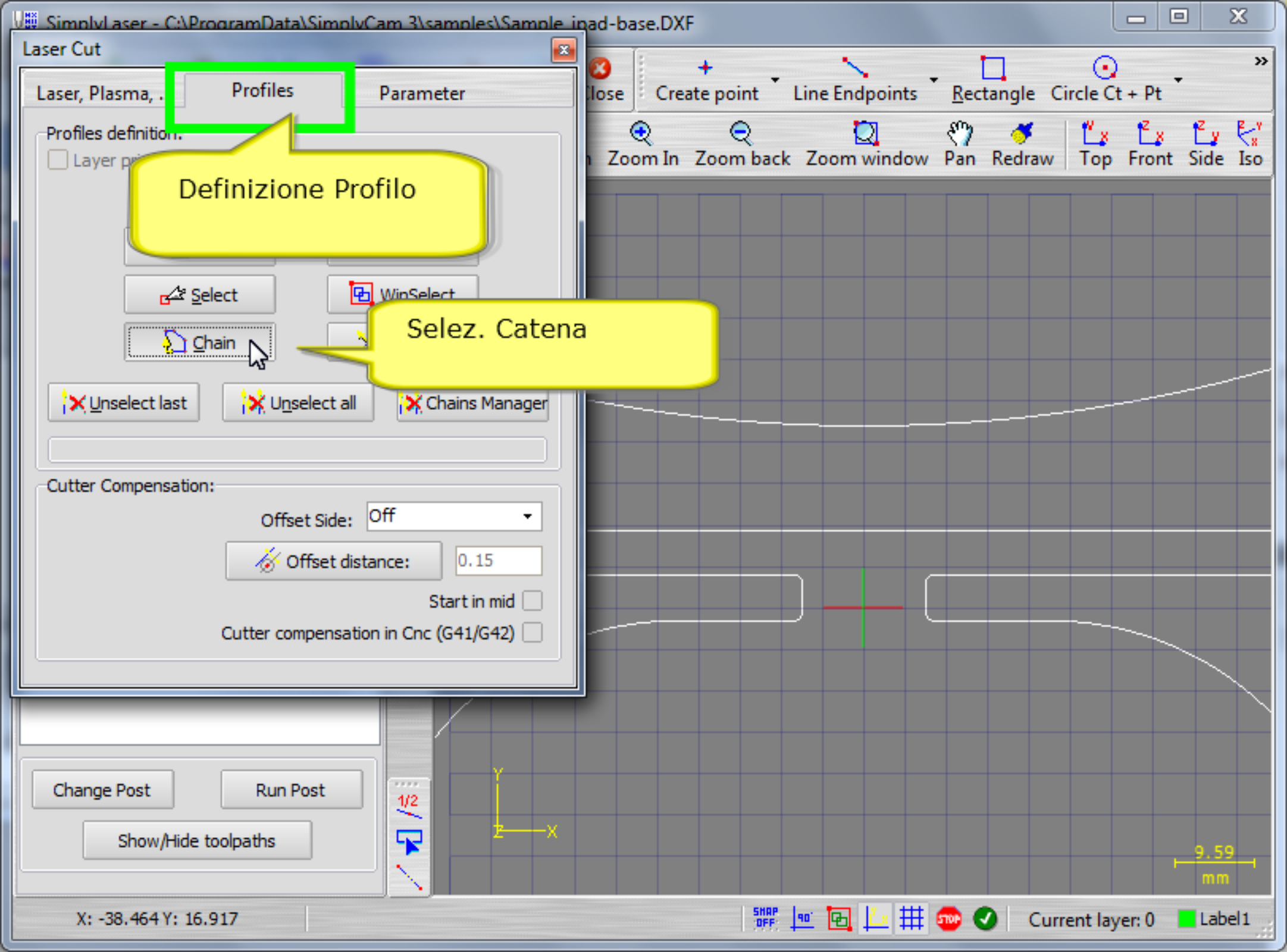

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Arc
Line
Arc
Polyline
Arc
Line
Arc
Arc
Line
Arc
Line
Arc
Line
Arc
Line
Divide:
X
Y
Point 1:
-95
9.396
Point 2:
0
9.396
Update
Click nel secondo punto
19.267
mm
X: 43.735 Y: -34.68
Select the second point of the area.
Current layer: 0
Label1

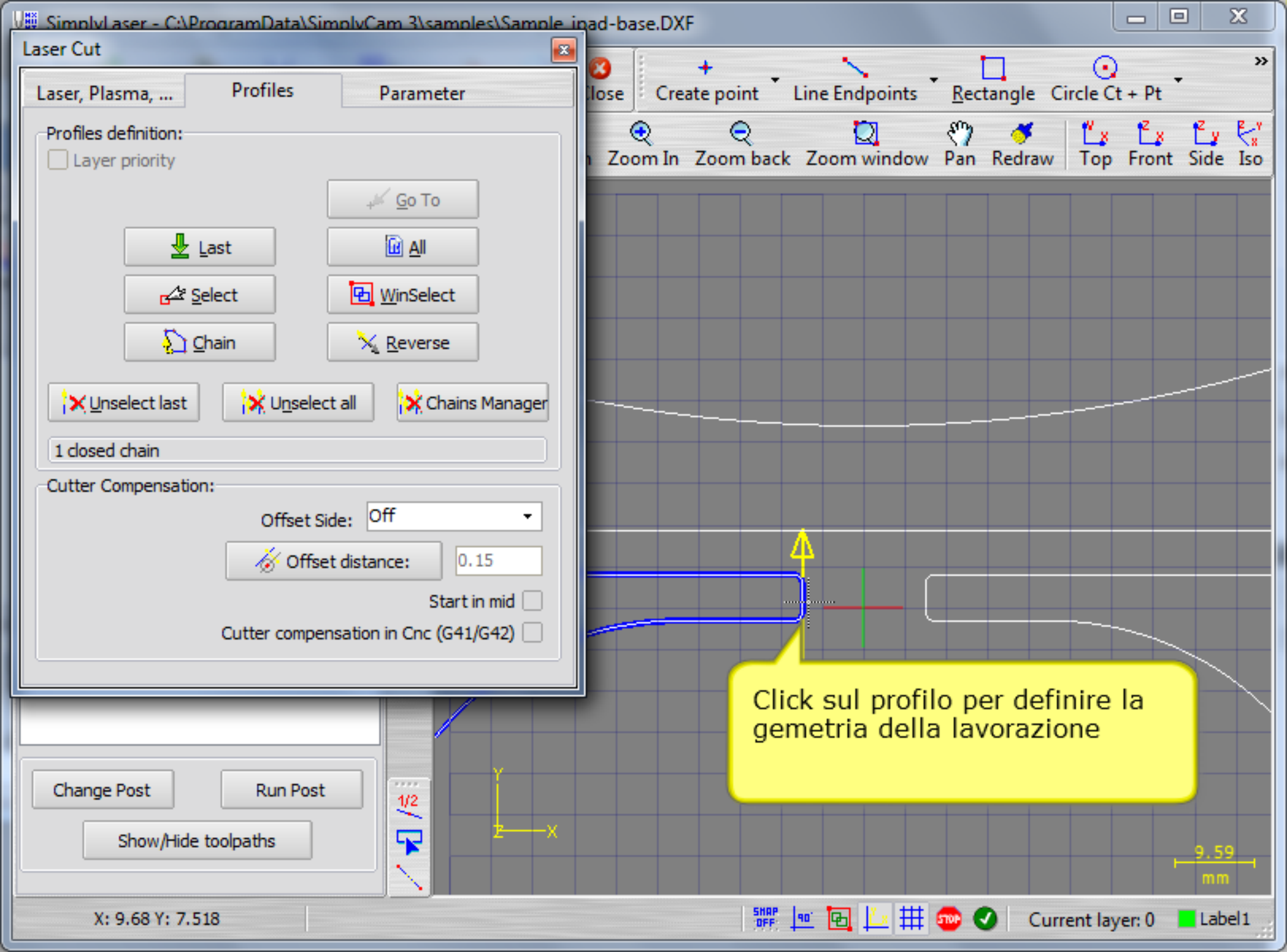

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Arc
Line
Arc
Polyline
Arc
Line
Arc
Arc
Line
Arc
Line
Arc
Line
Arc
Line
Divide:
X
Y
Point 1:
-95
9.396
Point 2:
0
9.396
Update
Y
Z
X
9.59
mm
X: 20.613 Y: -8.786
Current layer: 0
Label1

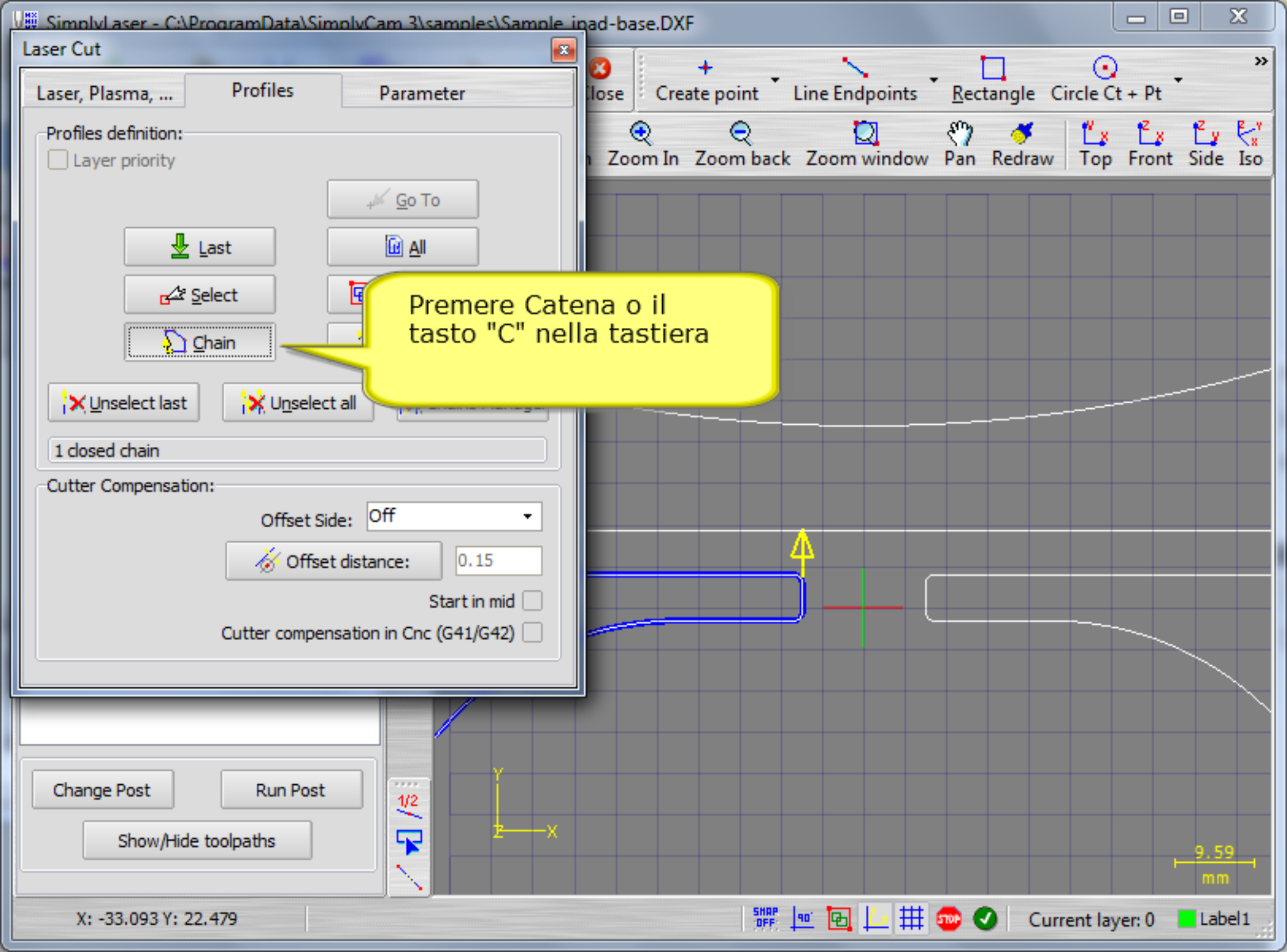

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Undo
Delete
Fillet
Translat
New
Laser Cut
Laser Engraving
Write
Edit G-Code
Grbl Panel
Creazione nuova operazione.
Selez. "Laser Cut" dal menu Lavorazioni.
Geometry
Toolpath
Layer:0
Arc
Arc
Line
Arc
Line
Arc
Polyline
Arc
Line
Arc
Arc
Line
Arc
Line
Arc
Y
Z
X
9.59
mm
X: -83.843 Y: 84.612
SNAP OFF
STOP
Current layer: 0
Label1

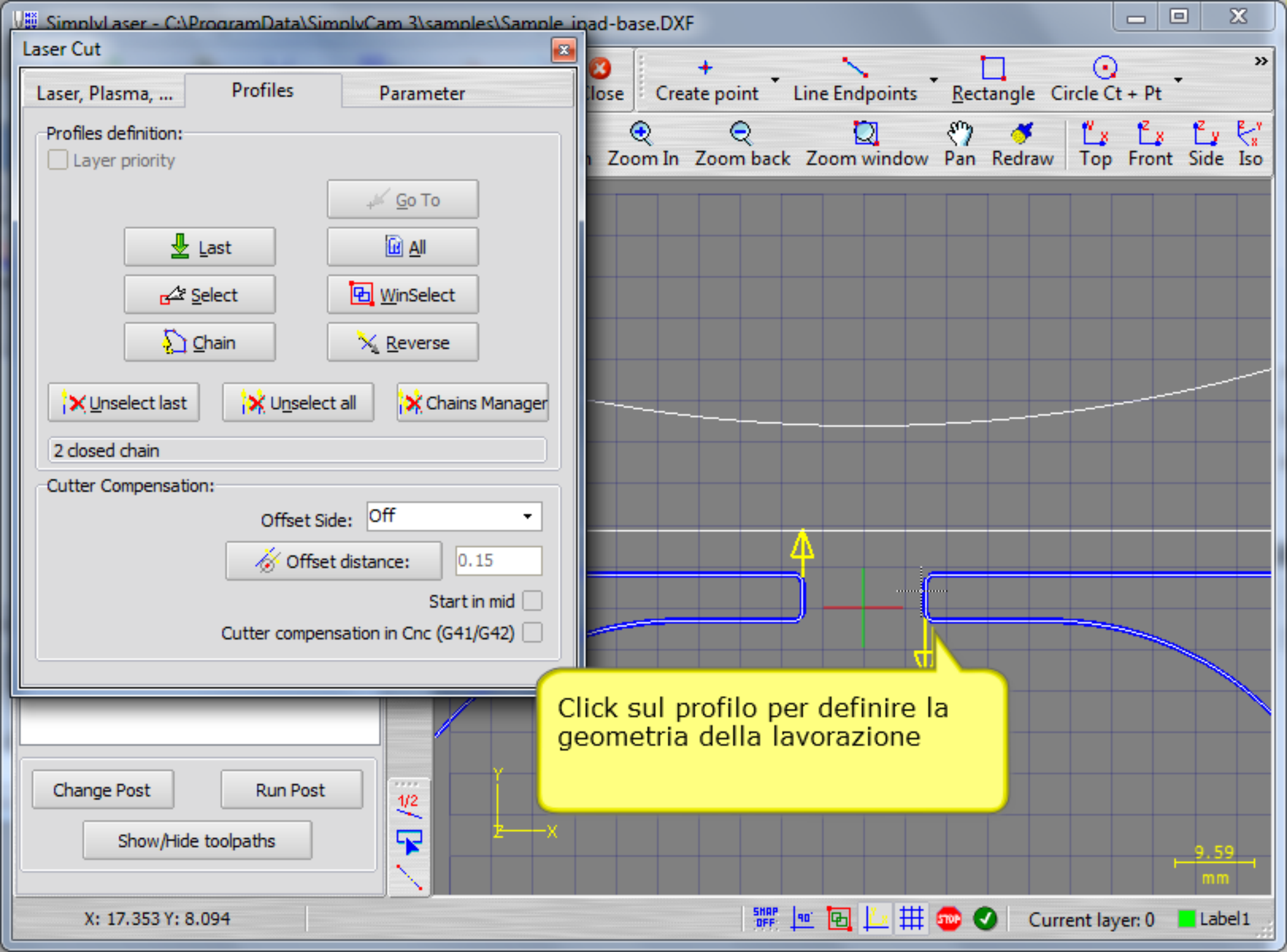

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Pan
Redraw
Top
Front
Side
Iso
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Geometry
List
C:\ProgramData\SimplyCa...\Laser_mm.llb
Laser Set1(Diam. 0.3)
Laser Set2(Diam. 0.35)
Laser Set3(Diam. 0.4)
Info
Number:
Power:
Power(min.):
Kerf Diameter:
Feed rate:
Feed rate(2):
Pierce delay:
Pause at end:
Name:
Laser Set1
Impostare parametri tecnologici
esempio:
Diametro
Avanzamento
Open library
Save library
Add to lib.
Modify in lib.
Change Post
Run Post
Show/Hide toolpaths
9.59
mm
X: -101.15 Y: 86.535
Select the profile, cutter compensation and
Current layer: 0
Label1

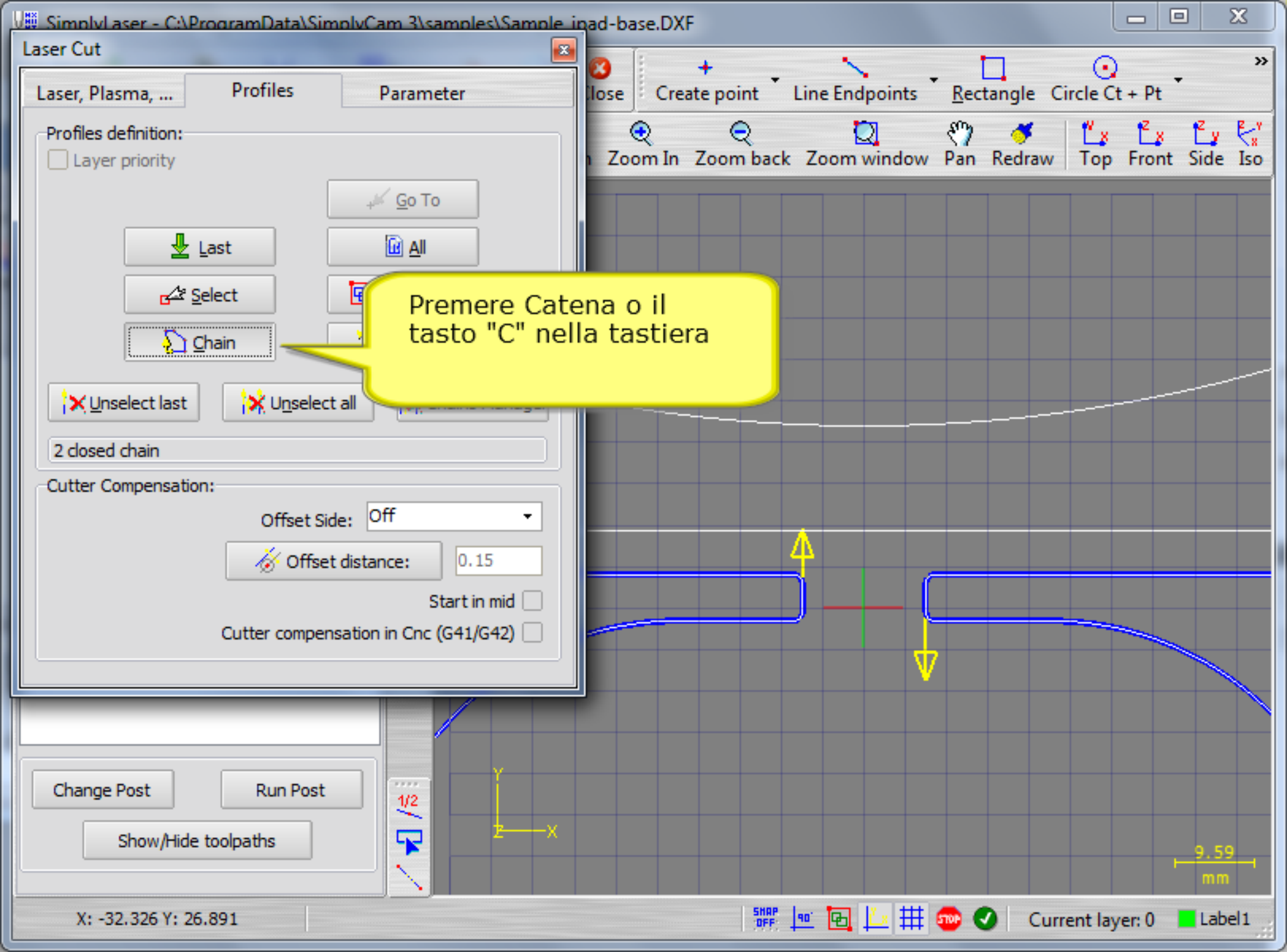

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
Laser Cut
Laser, Plasma, ..
Profiles
Parameter
Profiles definition:
Layer pr...
Definizione Profilo
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
1/2
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Y
Z
X
9.59
mm
X: -38.464 Y: 16.917
SNAP OFF
90°
STOP
Current layer: 0
Label1

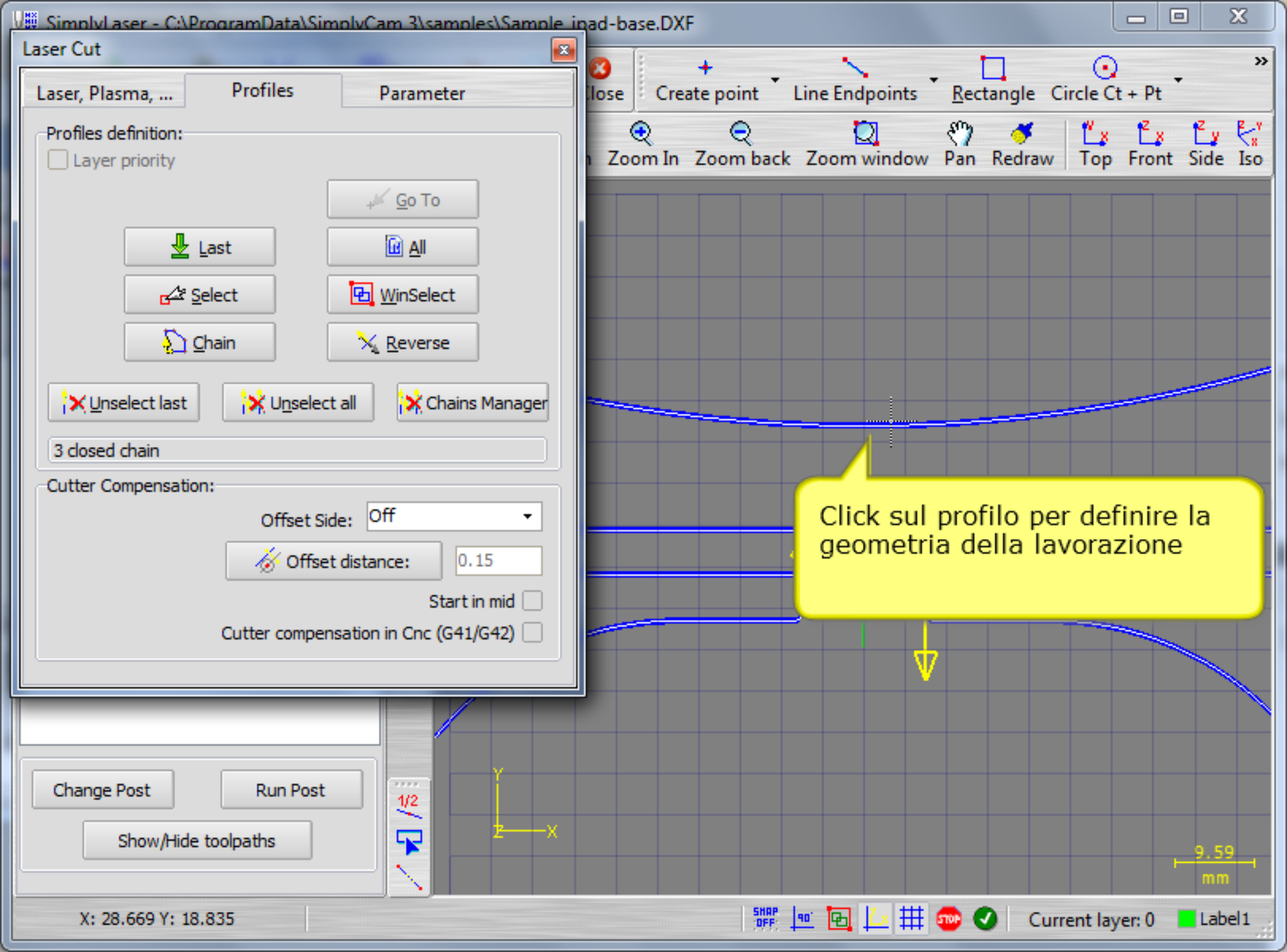

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ..
Profiles
Parameter
Profiles definition:
Layer pr...
Definizione Profilo
Select
WinSelect
Chain
Selez. Catena
Unselect last
Unselect all
Chains Manager
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
1/2
9.59
mm
X: -38.464 Y: 16.917
Current layer: 0
Label1

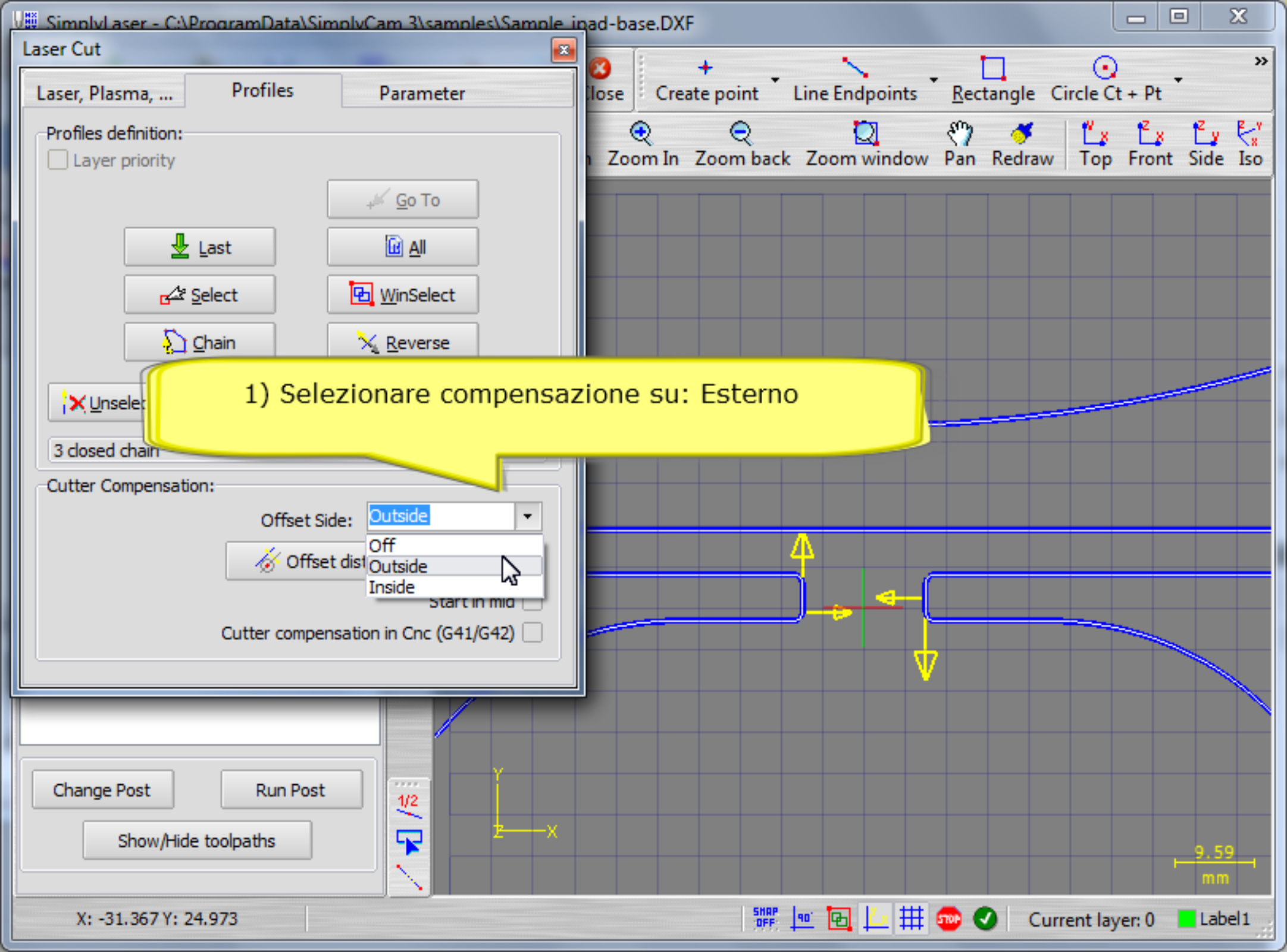

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
1 closed chain
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Click sul profilo per definire la gemetria della lavorazione
9.59
mm
X: 9.68 Y: 7.518
Current layer: 0
Label1

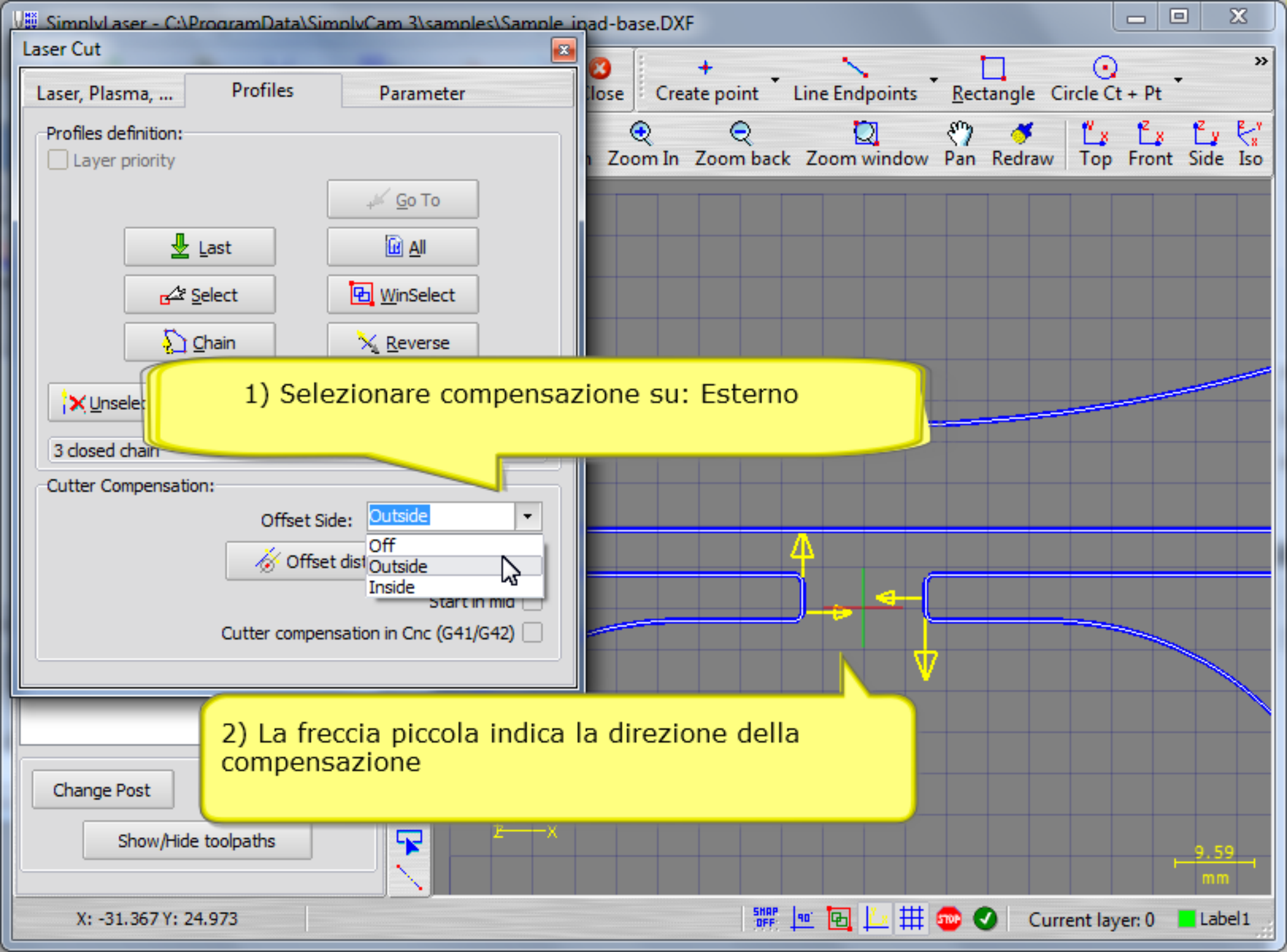

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
Chain
Unselect last
Unselect all
1 closed chain
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Premere Catena o il tasto "C" nella tastiera
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -33.093 Y: 22.479
Current layer: 0
Label1

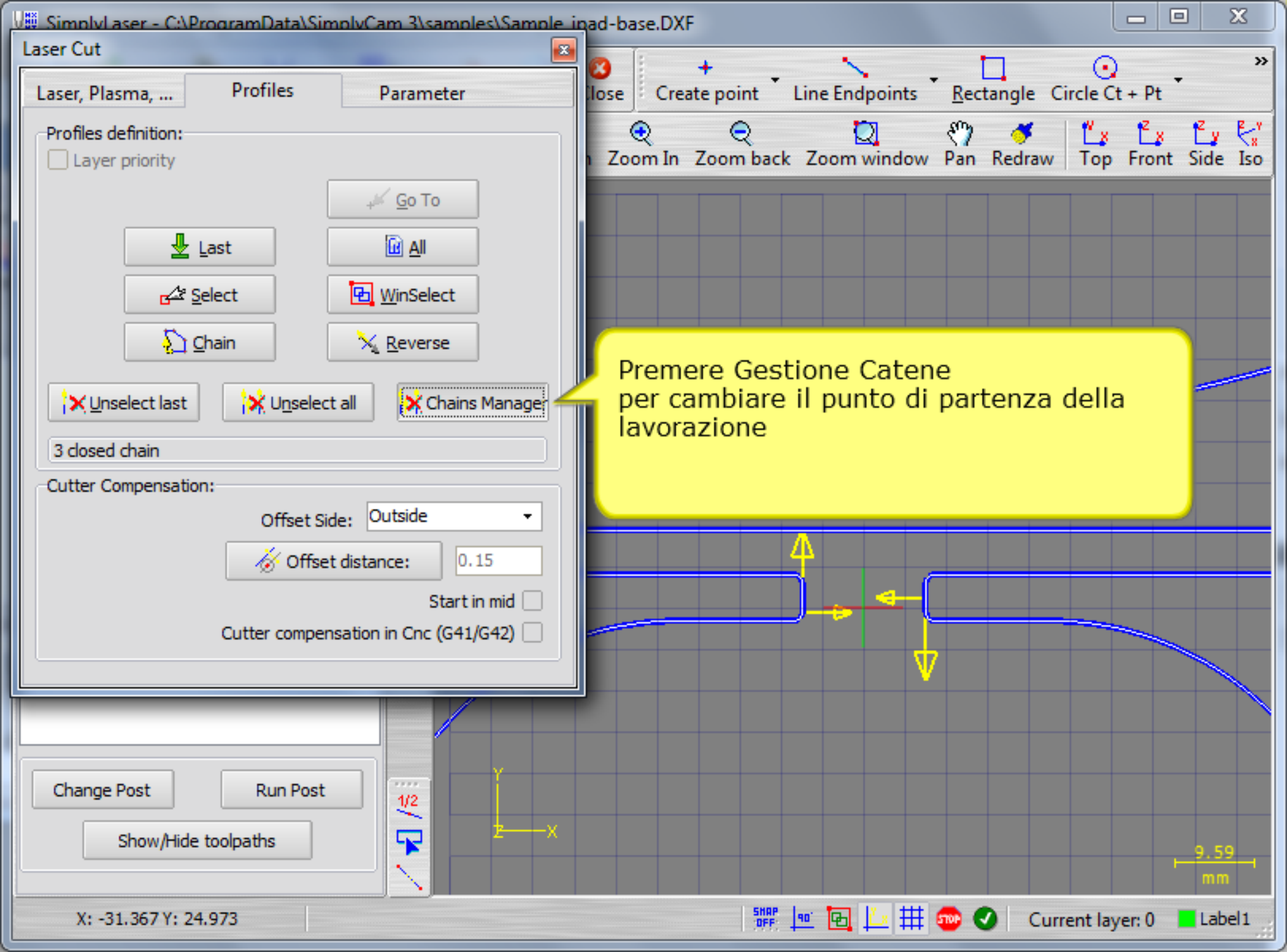

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
2 closed chain
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Click sul profilo per definire la geometria della lavorazione
9.59
mm
X: 17.353 Y: 8.094
Current layer: 0
Label1

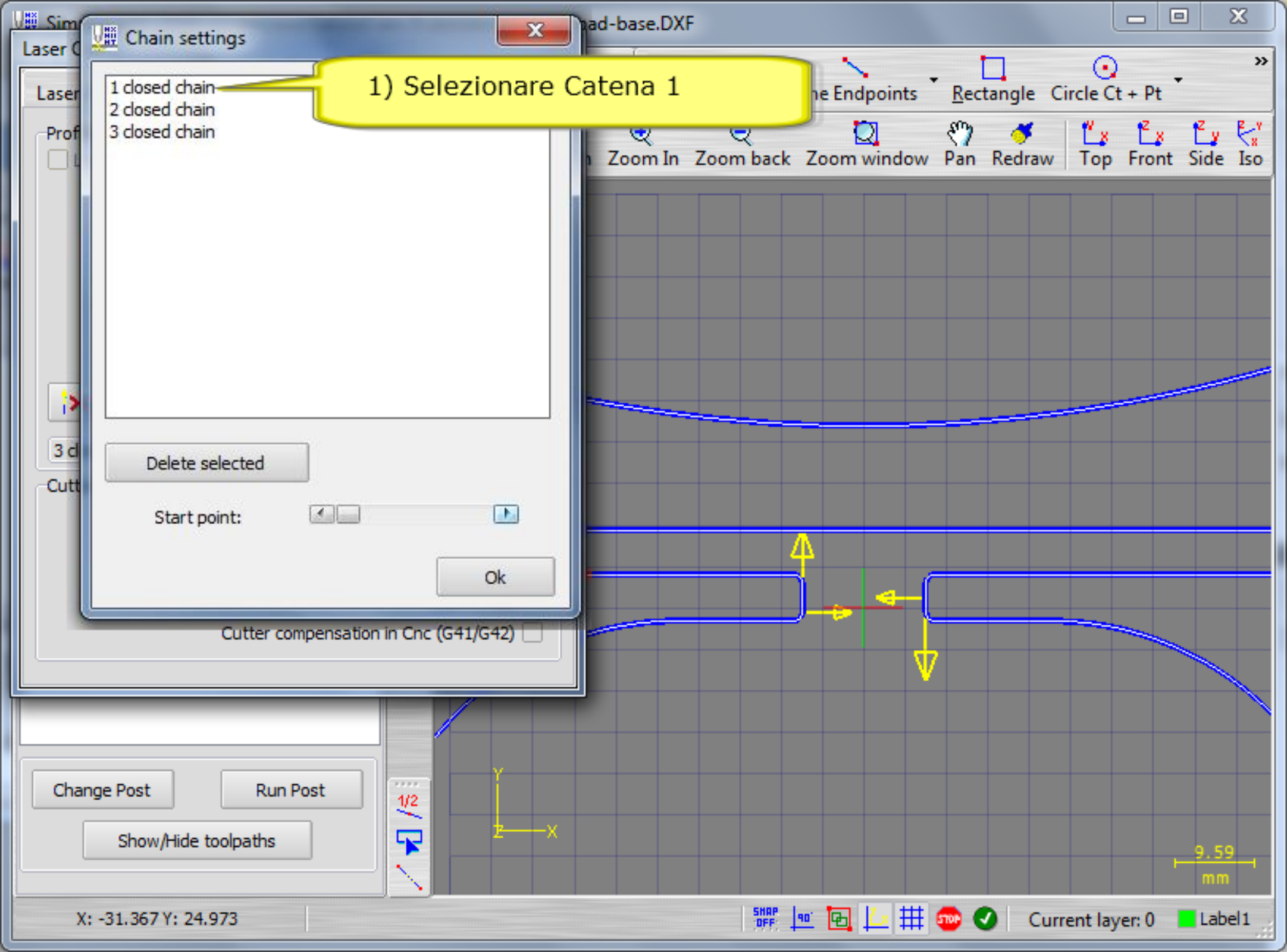

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
Chain
Premere Catena o il tasto "C" nella tastiera
Unselect last
Unselect all
2 closed chain
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -32.326 Y: 26.891
Current layer: 0
Label1

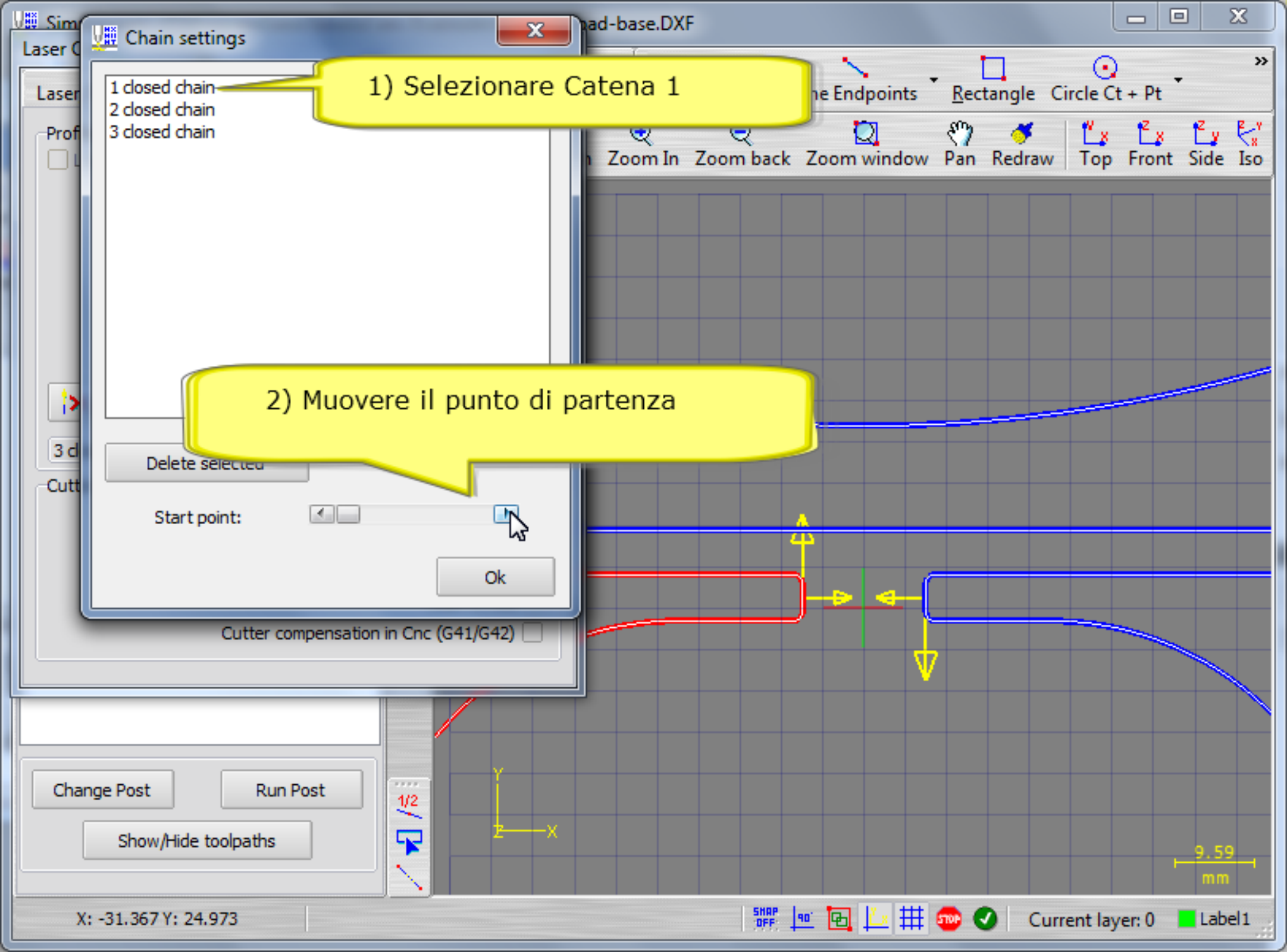

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manager
3 closed chain
Cutter Compensation:
Offset Side:
Off
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Click sul profilo per definire la geometria della lavorazione
9.59
mm
X: 28.669 Y: 18.835
Current layer: 0
Label1

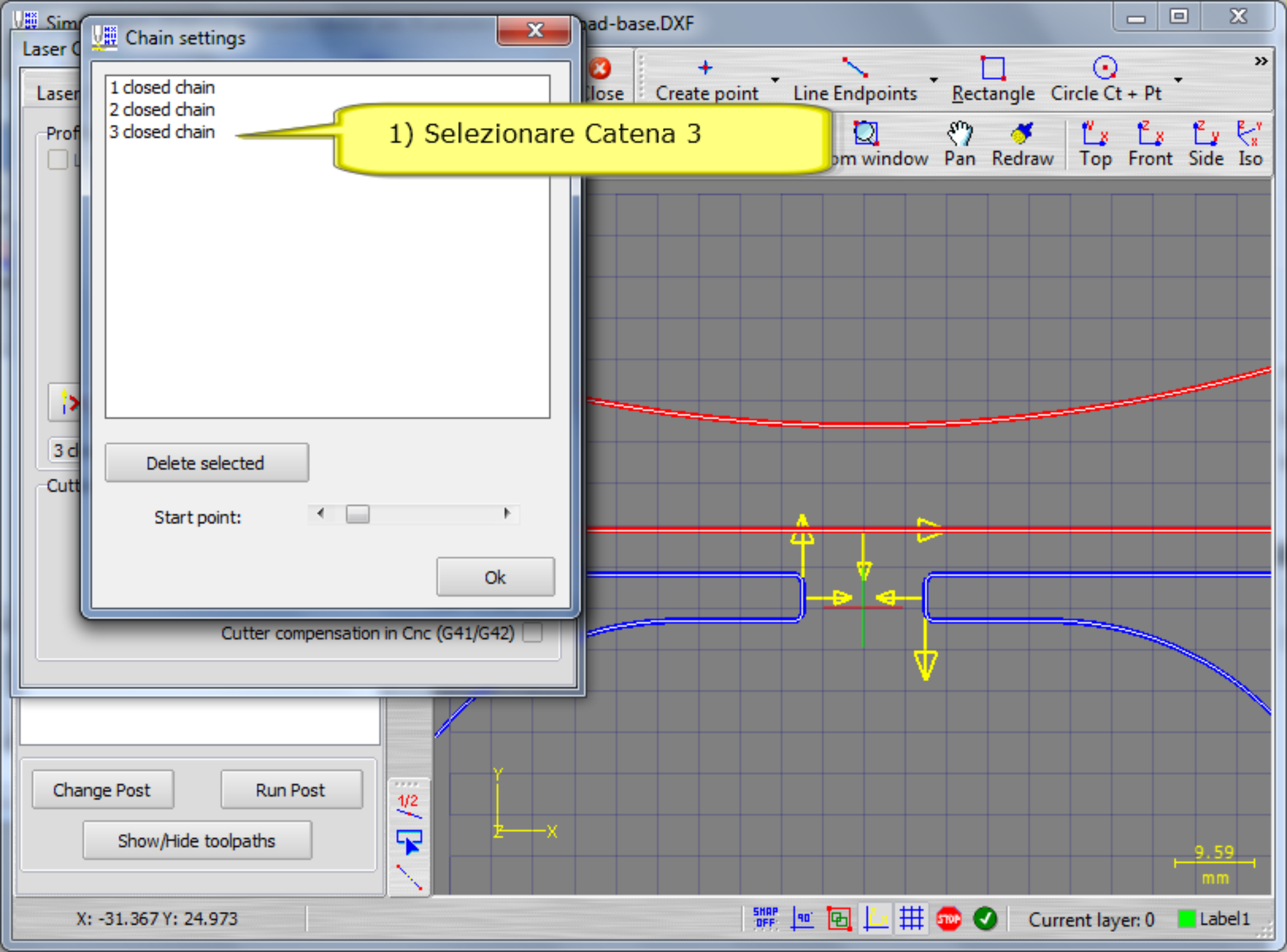

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselec
3 closed chain
1) Selezionare compensazione su: Esterno
Cutter Compensation:
Offset Side:
Outside
Off
Outside
Inside
Offset dist
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

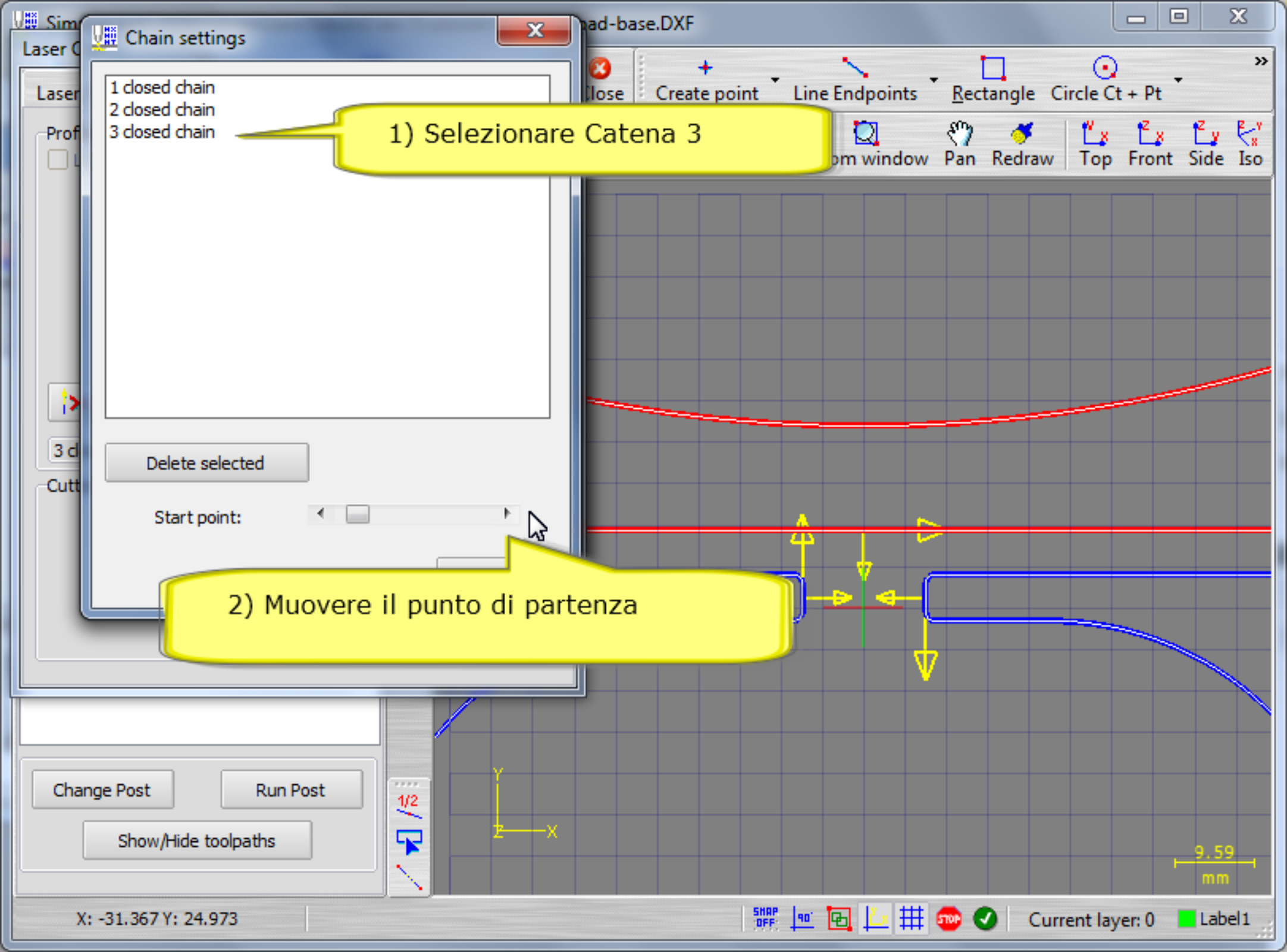

Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselec
3 closed chain
Cutter Compensation:
Offset Side:
Outside
Off
Outside
Inside
Offset dist
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
1) Selezionare compensazione su: Esterno
2) La freccia piccola indica la direzione della compensazione
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

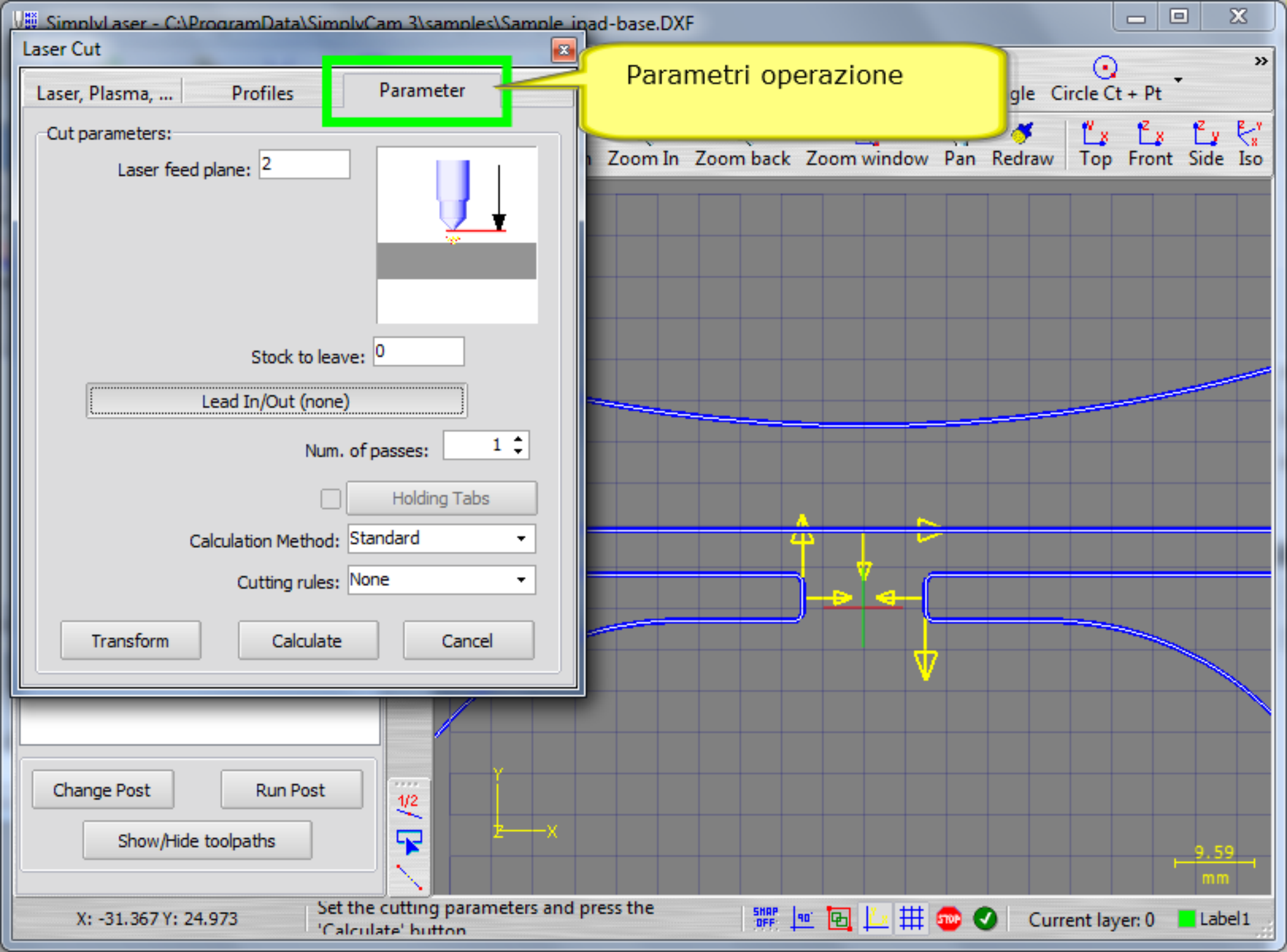

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Profiles definition:
Layer priority
Go To
Last
All
Select
WinSelect
Chain
Reverse
Unselect last
Unselect all
Chains Manage
3 closed chain
Cutter Compensation:
Offset Side:
Outside
Offset distance:
0.15
Start in mid
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Premere Gestione Catene
per cambiare il punto di partenza della lavorazione
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

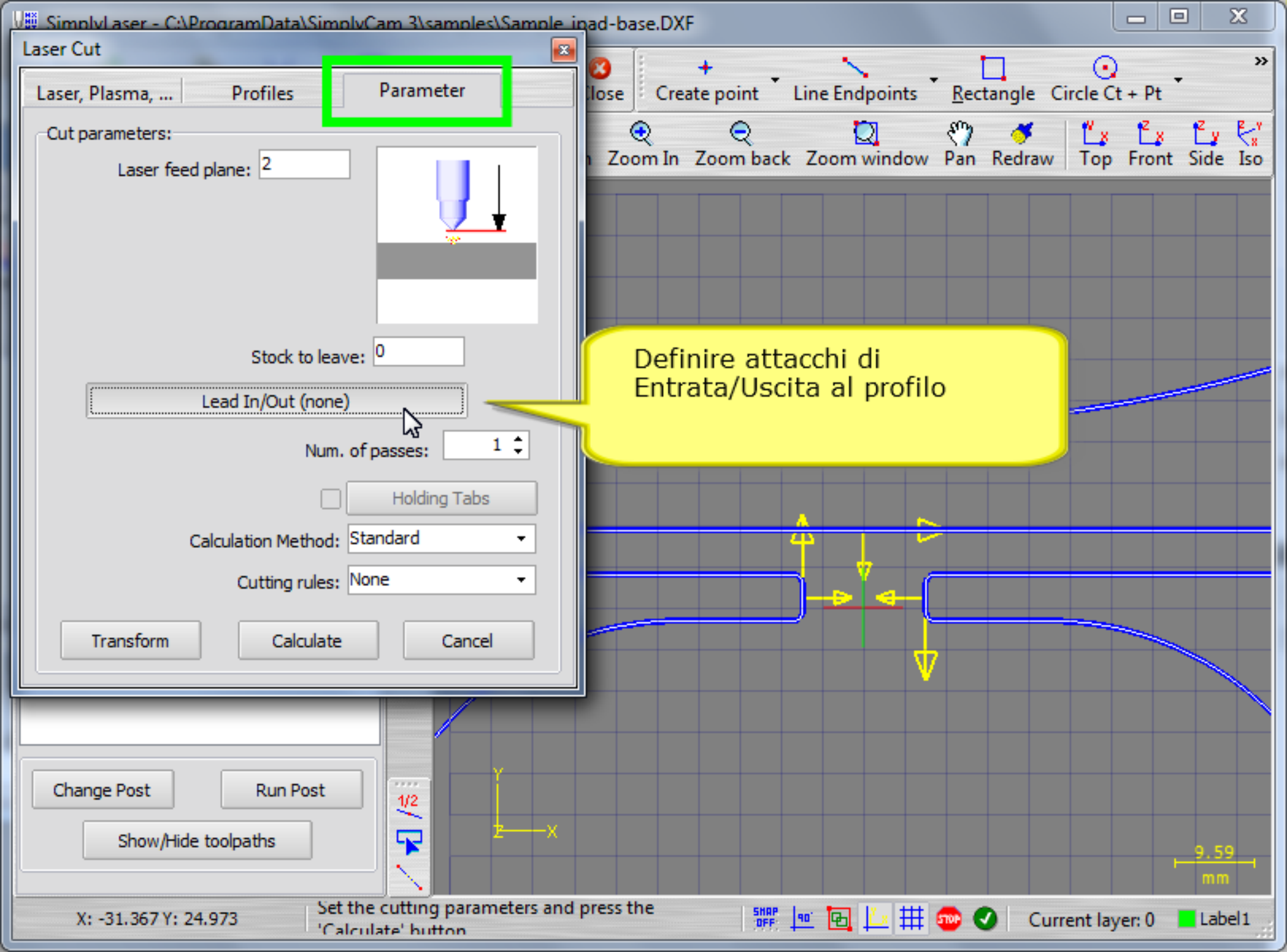

Chain settings
1 closed chain
2 closed chain
3 closed chain
1) Selezionare Catena 1
Delete selected
Start point:
Ok
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Rectangle
Circle Ct + Pt
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

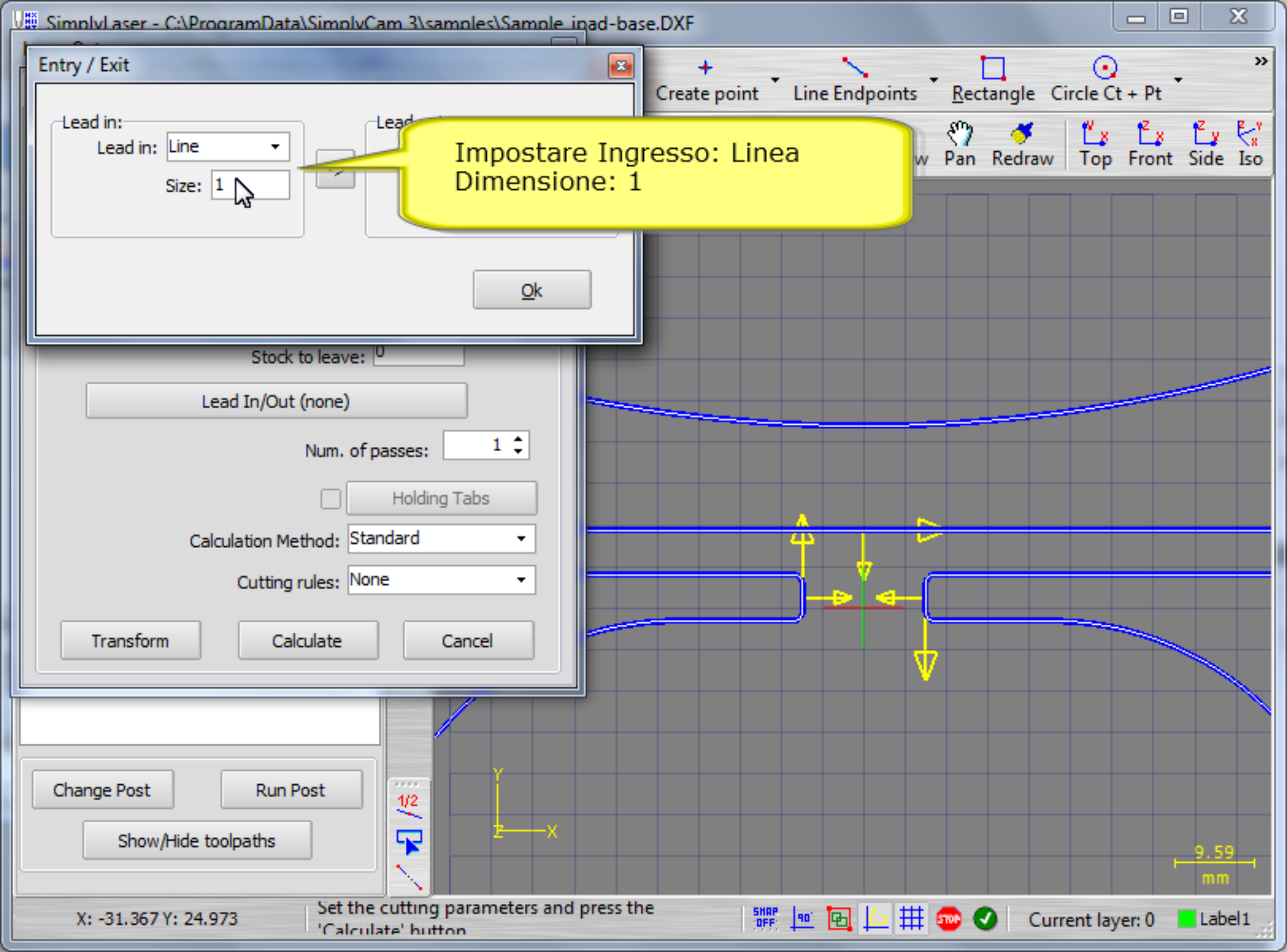

Chain settings
1 closed chain
2 closed chain
3 closed chain
1) Selezionare Catena 1
2) Muovere il punto di partenza
Delete selected
Start point:
Ok
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Rectangle
Circle Ct + Pt
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

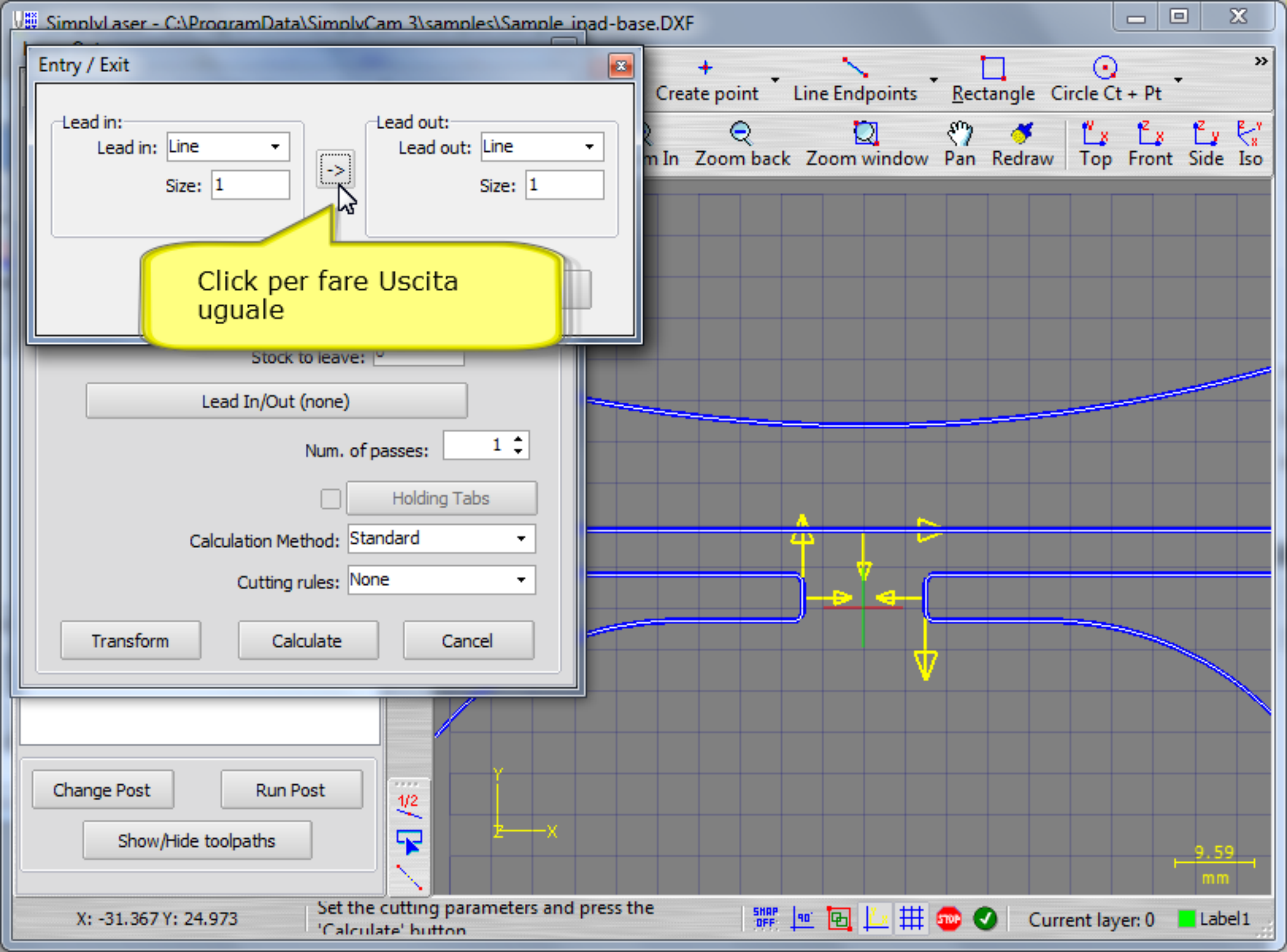

Chain settings
1 closed chain
2 closed chain
3 closed chain
1) Selezionare Catena 3
Delete selected
Start point:
Ok
Cutter compensation in Cnc (G41/G42)
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

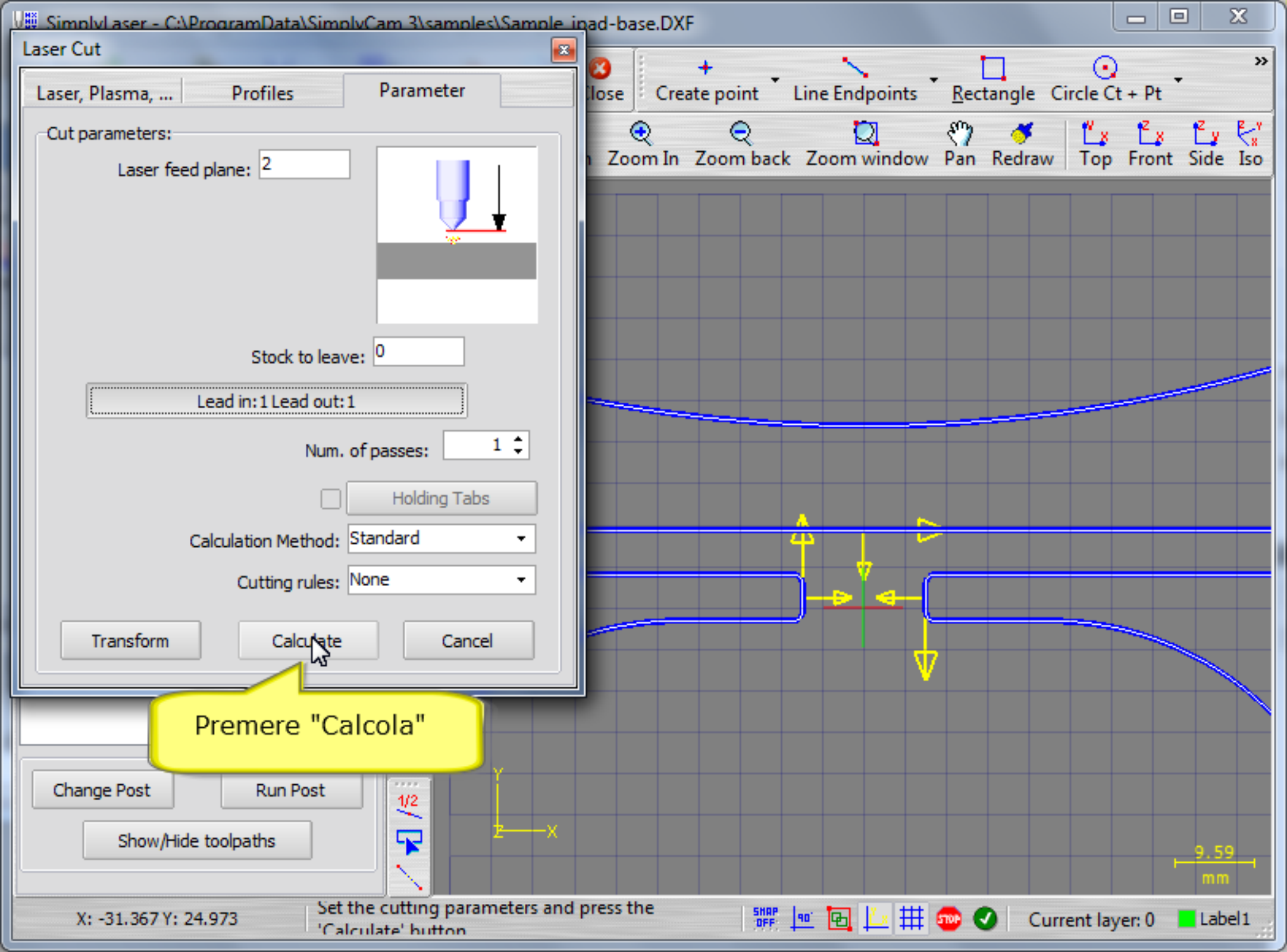

Chain settings
1 closed chain
2 closed chain
3 closed chain
1) Selezionare Catena 3
Delete selected
Start point:
2) Muovere il punto di partenza
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Pan
Redraw
Top
Front
Side
Iso
Change Post
Run Post
Show/Hide toolpaths
9.59
mm
X: -31.367 Y: 24.973
Current layer: 0
Label1

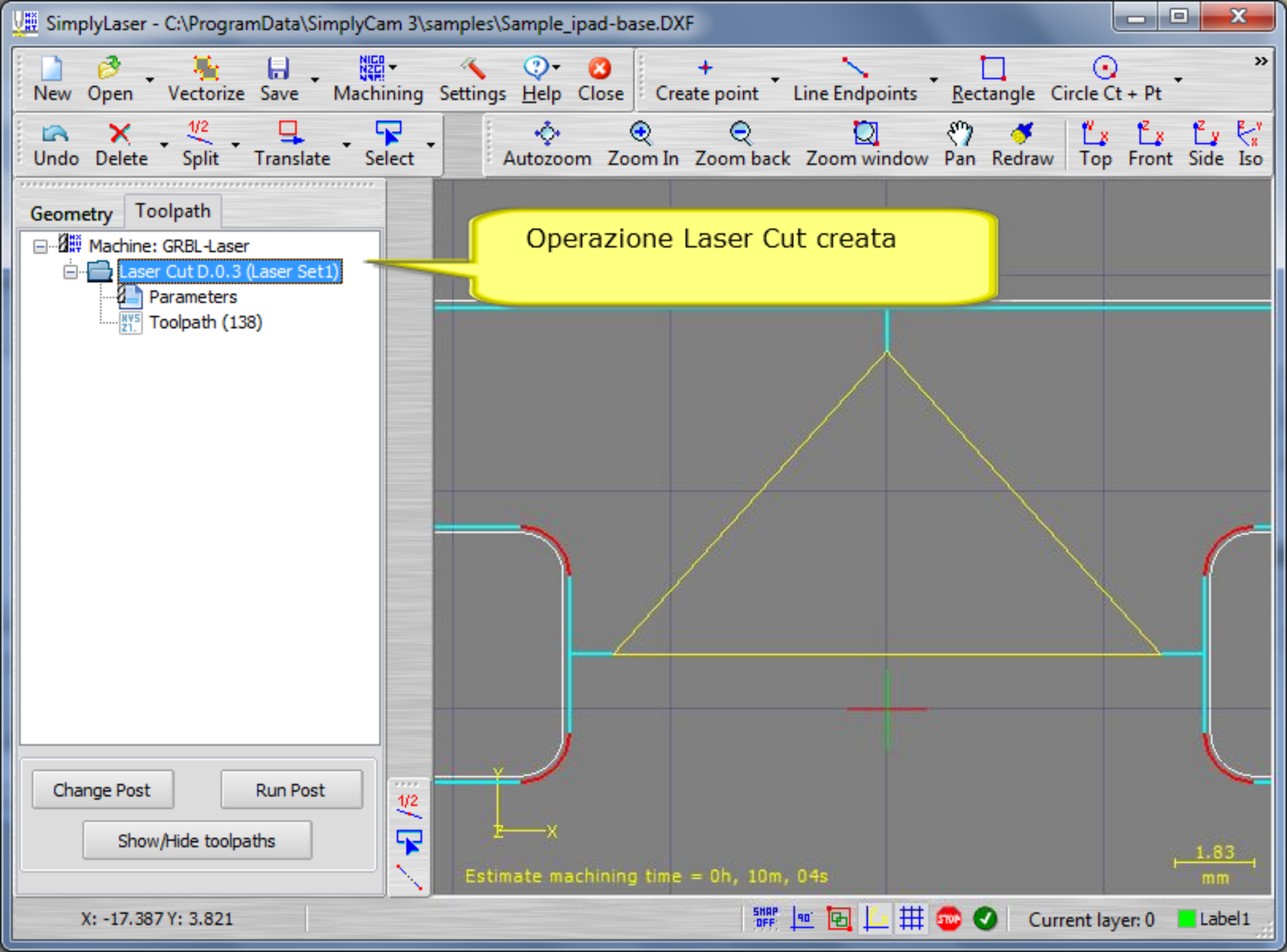

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Parametri operazione
Cut parameters:
Laser feed plane: 2
Stock to leave: 0
Lead In/Out (none)
Num. of passes: 1
Holding Tabs
Calculation Method: Standard
Cutting rules: None
Transform
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Circle Ct + Pt
9.59
mm
X: -31.367 Y: 24.973
Set the cutting parameters and press the 'Calculate' button
Current layer: 0
Label1

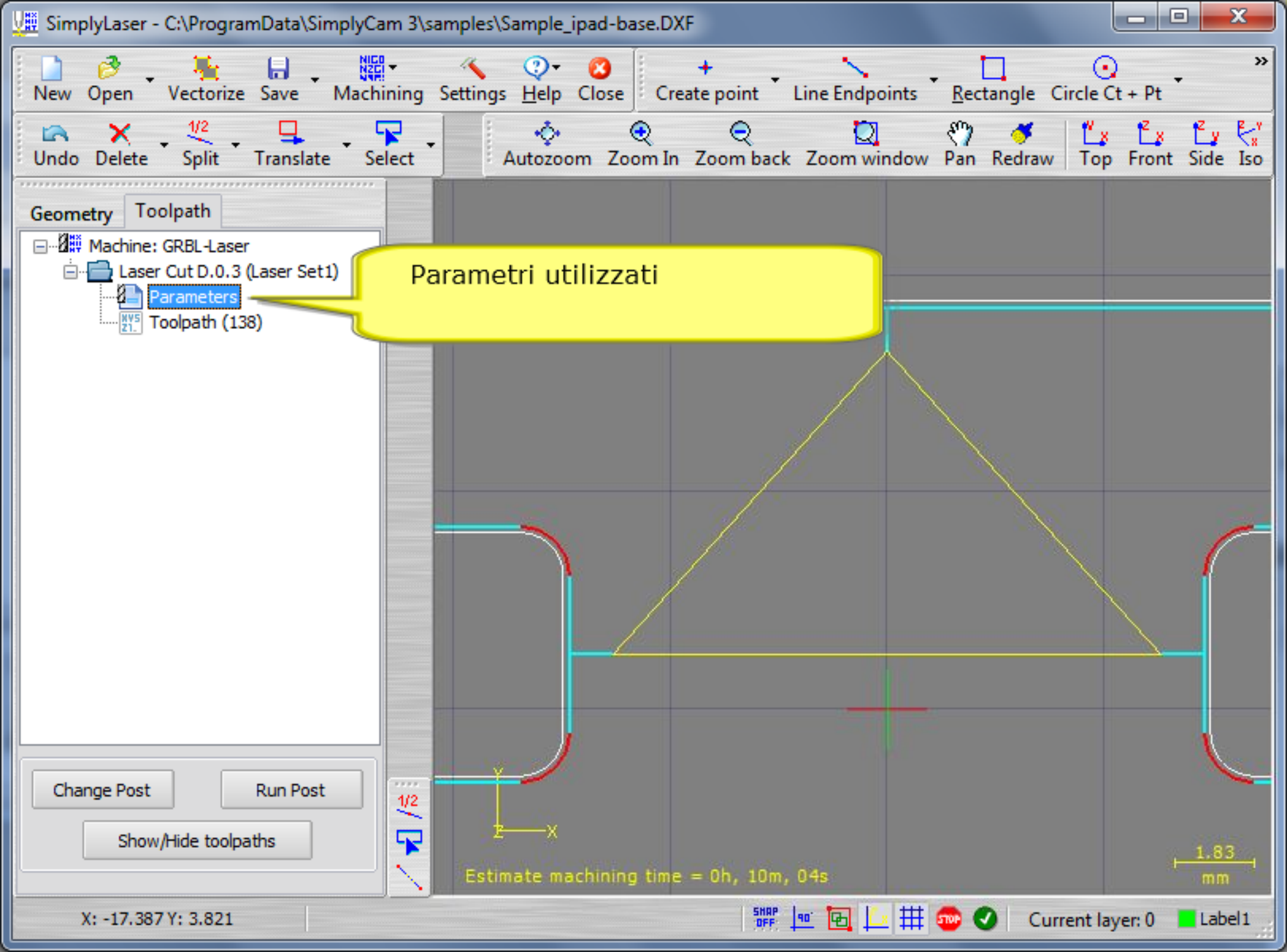

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Cut parameters:
Laser feed plane: 2
Stock to leave: 0
Lead In/Out (none)
Num. of passes: 1
Holding Tabs
Calculation Method: Standard
Cutting rules: None
Transform
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Definire attacchi di
Entrata/Uscita al profilo
9.59
mm
X: -31.367 Y: 24.973
Set the cutting parameters and press the
'Calculate' button
Current layer: 0
Label1

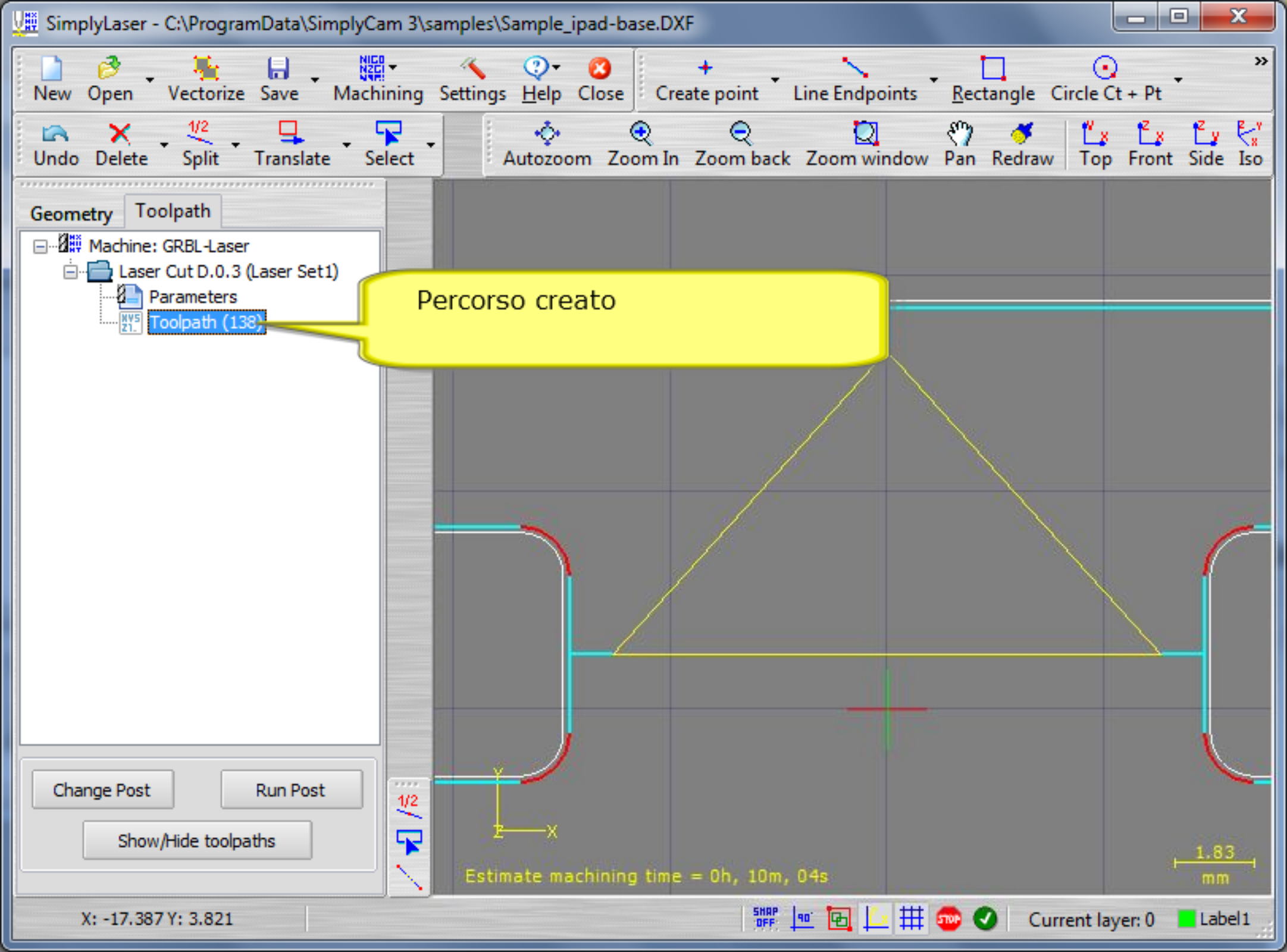

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Entry / Exit
Lead in:
Lead in: Line
Size: 1
Ok
Impostare Ingresso: Linea
Dimensione: 1
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Pan
Redraw
Top
Front
Side
Iso
Stock to leave: 0
Lead In/Out (none)
Num. of passes: 1
Holding Tabs
Calculation Method: Standard
Cutting rules: None
Transform
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
1/2
9.59
mm
X: -31.367 Y: 24.973
Set the cutting parameters and press the 'Calculate' button
Current layer: 0
Label1

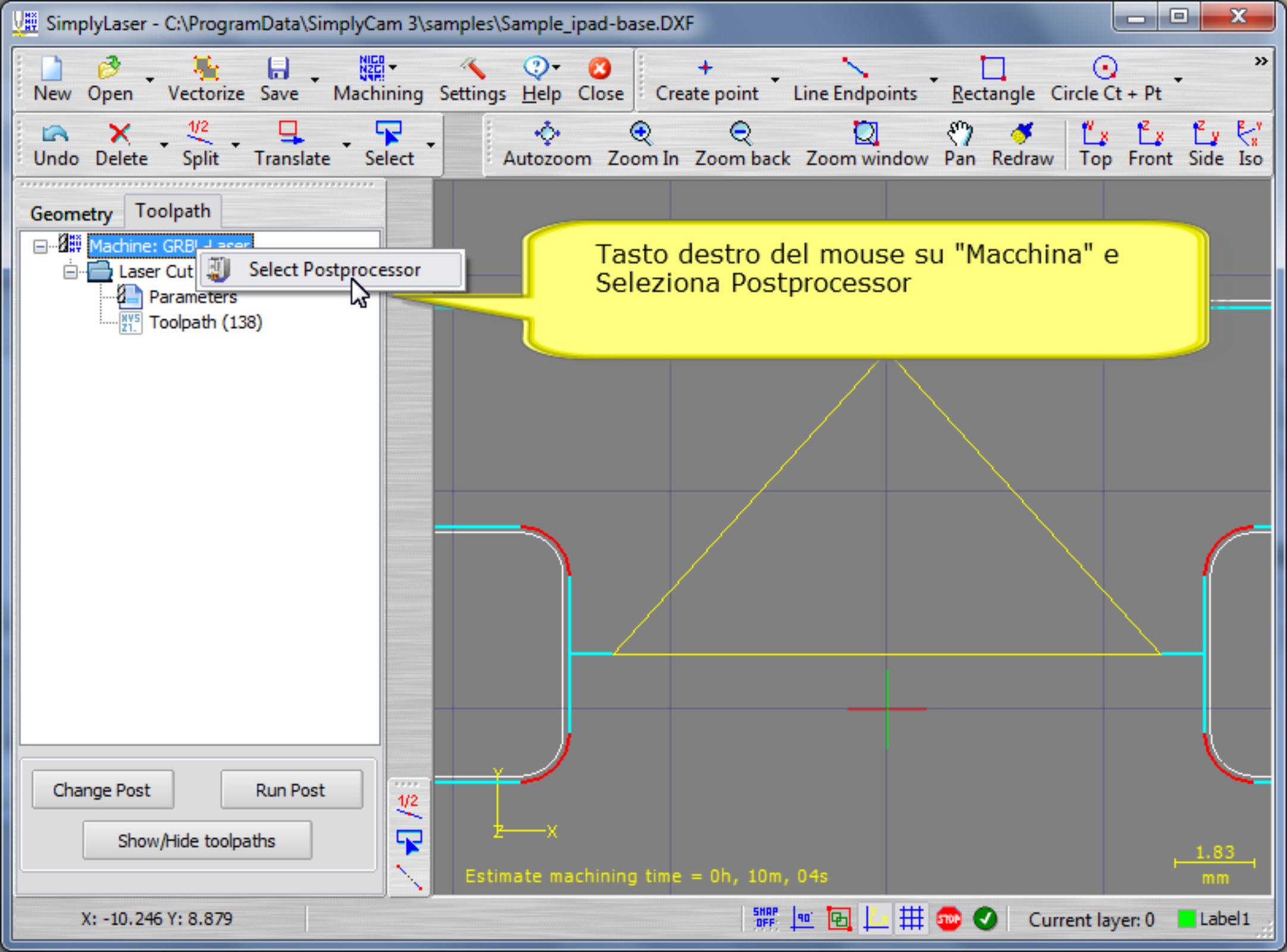

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_inad-base.DXF
Entry / Exit
Lead in:
Lead in: Line
Size: 1
->
Lead out:
Lead out: Line
Size: 1
Click per fare Uscita uguale
Stock to leave:
Lead In/Out (none)
Num. of passes: 1
Holding Tabs
Calculation Method: Standard
Cutting rules: None
Transform
Calculate
Cancel
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -31.367 Y: 24.973
Set the cutting parameters and press the 'Calculate' button
Current layer: 0
Label1

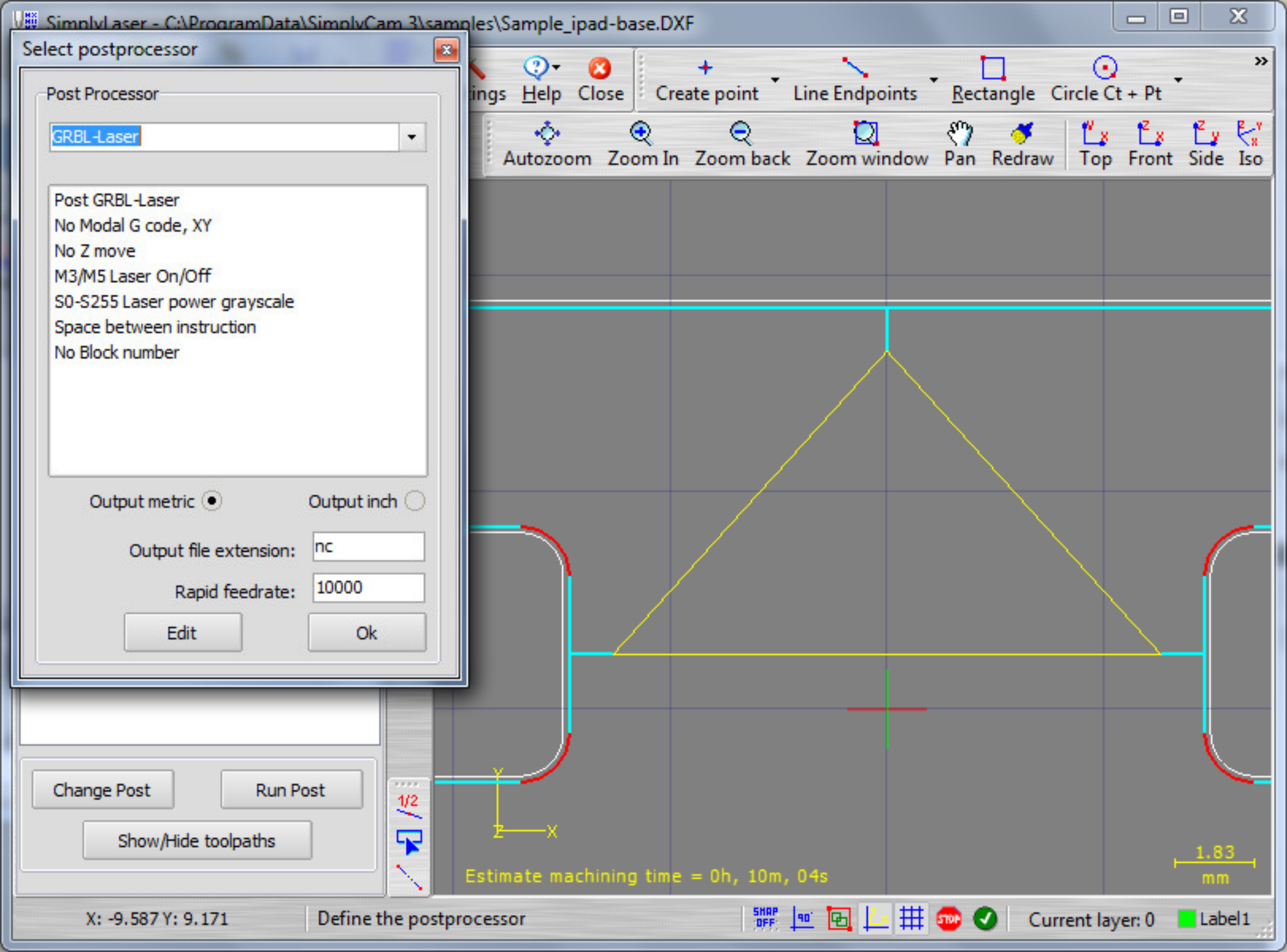

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
Laser Cut
Laser, Plasma, ...
Profiles
Parameter
Cut parameters:
Laser feed plane: 2
Stock to leave: 0
Lead in: 1 Lead out: 1
Num. of passes: 1
Holding Tabs
Calculation Method: Standard
Cutting rules: None
Transform
Calculate
Cancel
Premere "Calcola"
Change Post
Run Post
Show/Hide toolpaths
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
9.59
mm
X: -31.367 Y: 24.973
Set the cutting parameters and press the 'Calculate' button
Current layer: 0
Label1

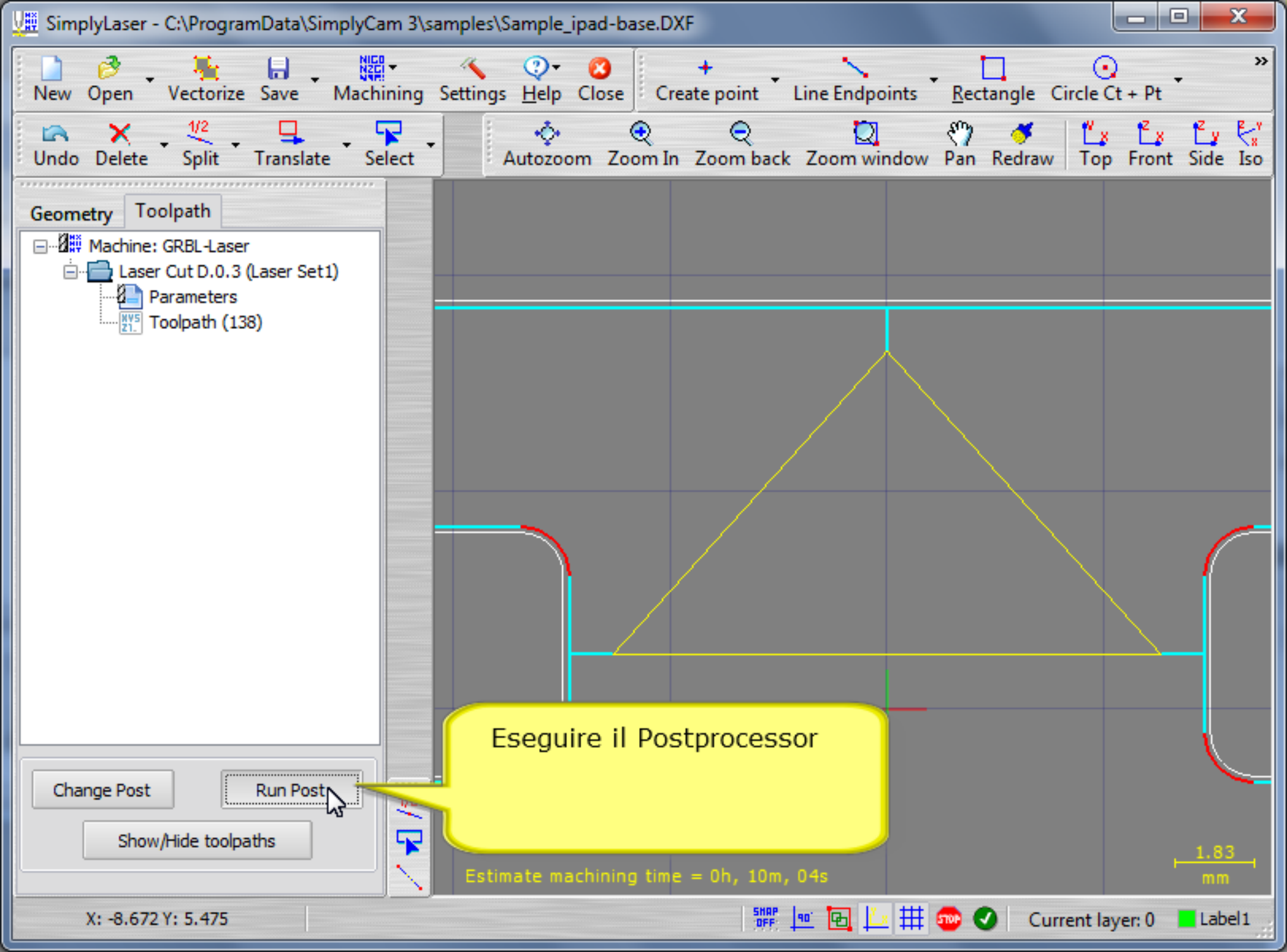

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: GRBL-Laser
Laser Cut D.0.3 (Laser Set1)
Parameters
Toolpath (138)
Operazione Laser Cut creata
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -17.387 Y: 3.821
Current layer: 0
Label1

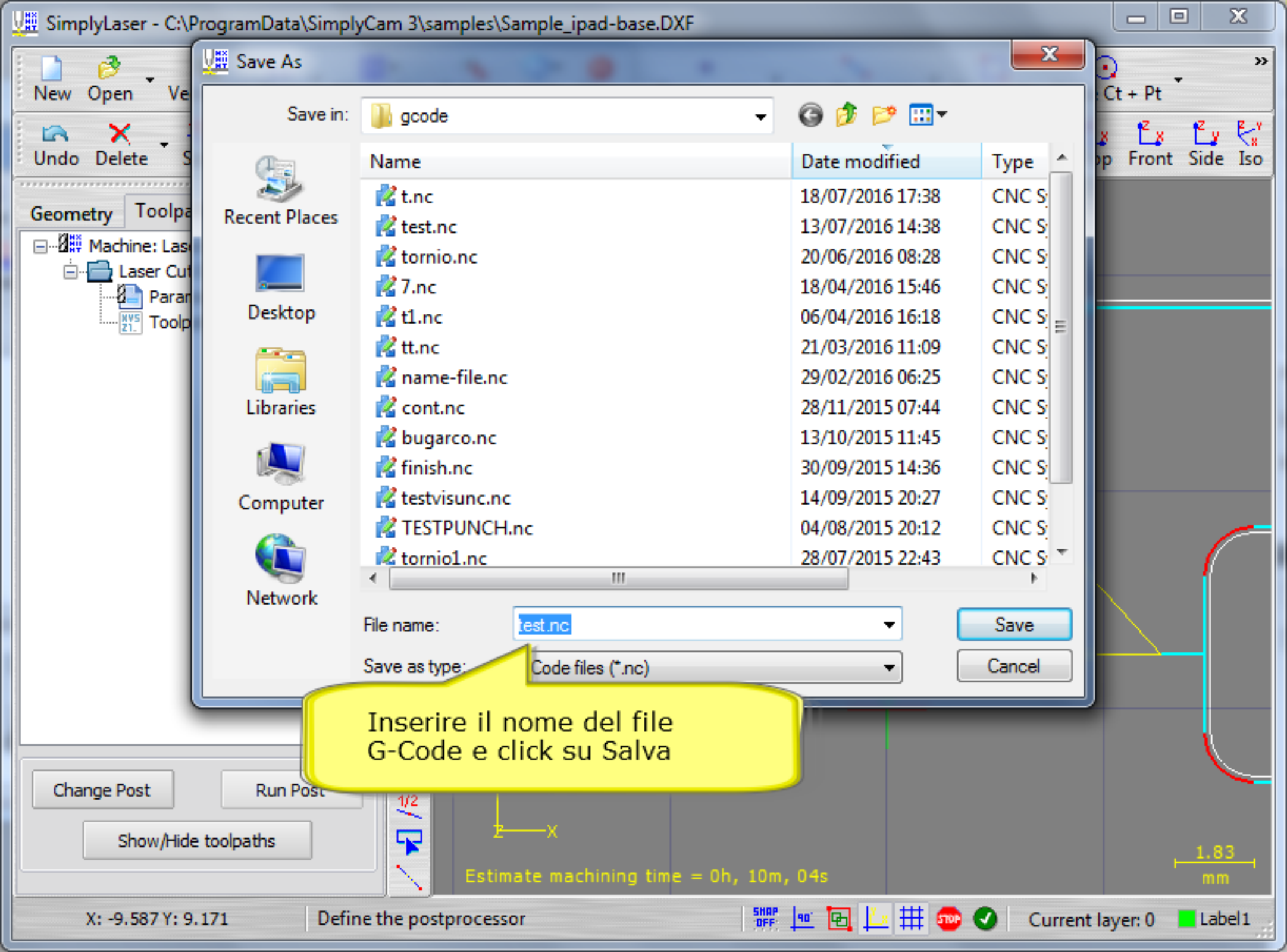

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: GRBL-Laser
Laser Cut D.0.3 (Laser Set1)
Parameters
Toolpath (138)
Parametri utilizzati
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -17.387 Y: 3.821
Current layer: 0
Label1

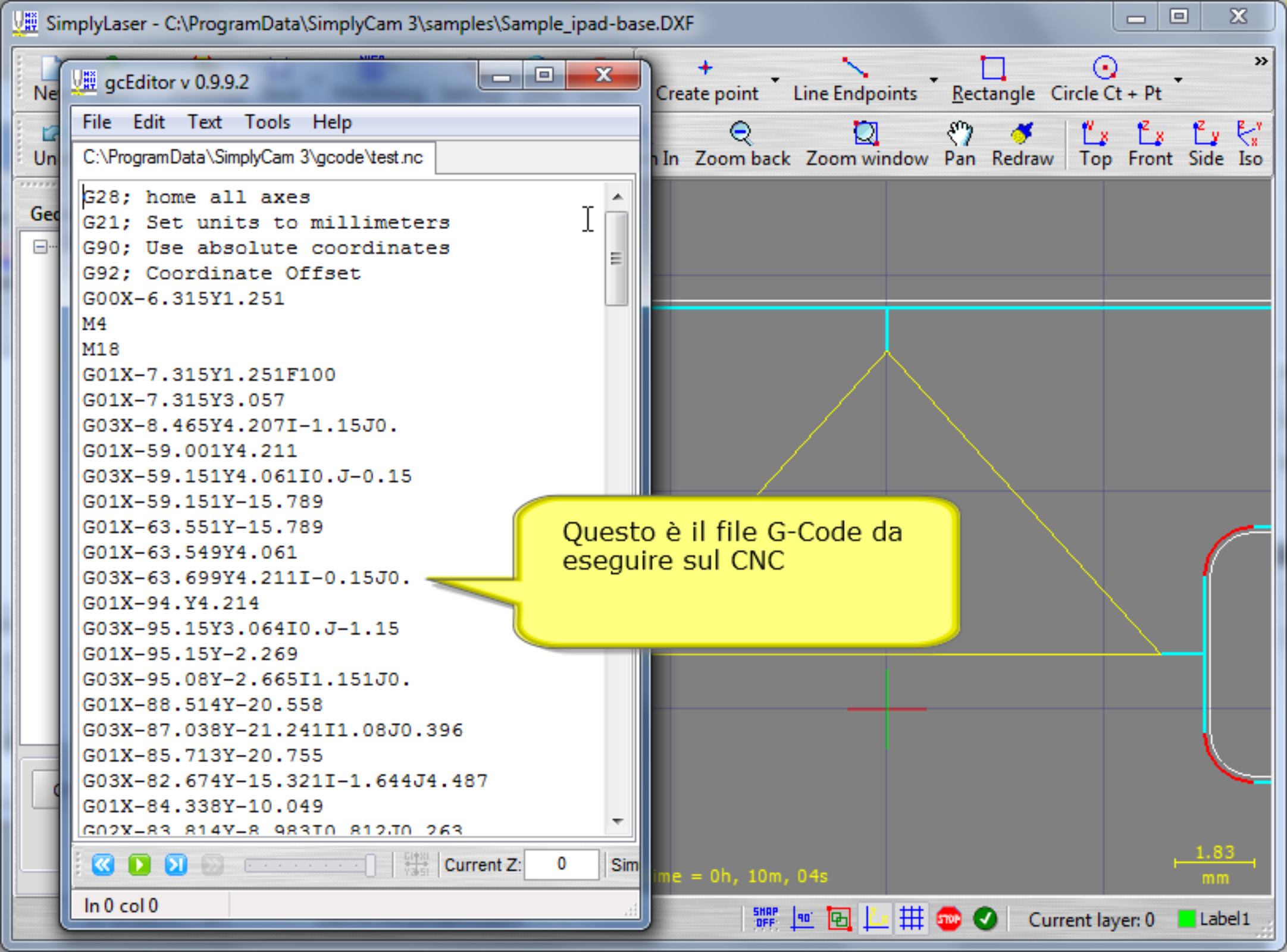

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: GRBL-Laser
Laser Cut D.0.3 (Laser Set1)
Parameters
Toolpath (138)
Percorso creato
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -17.387 Y: 3.821
Current layer: 0
Label1

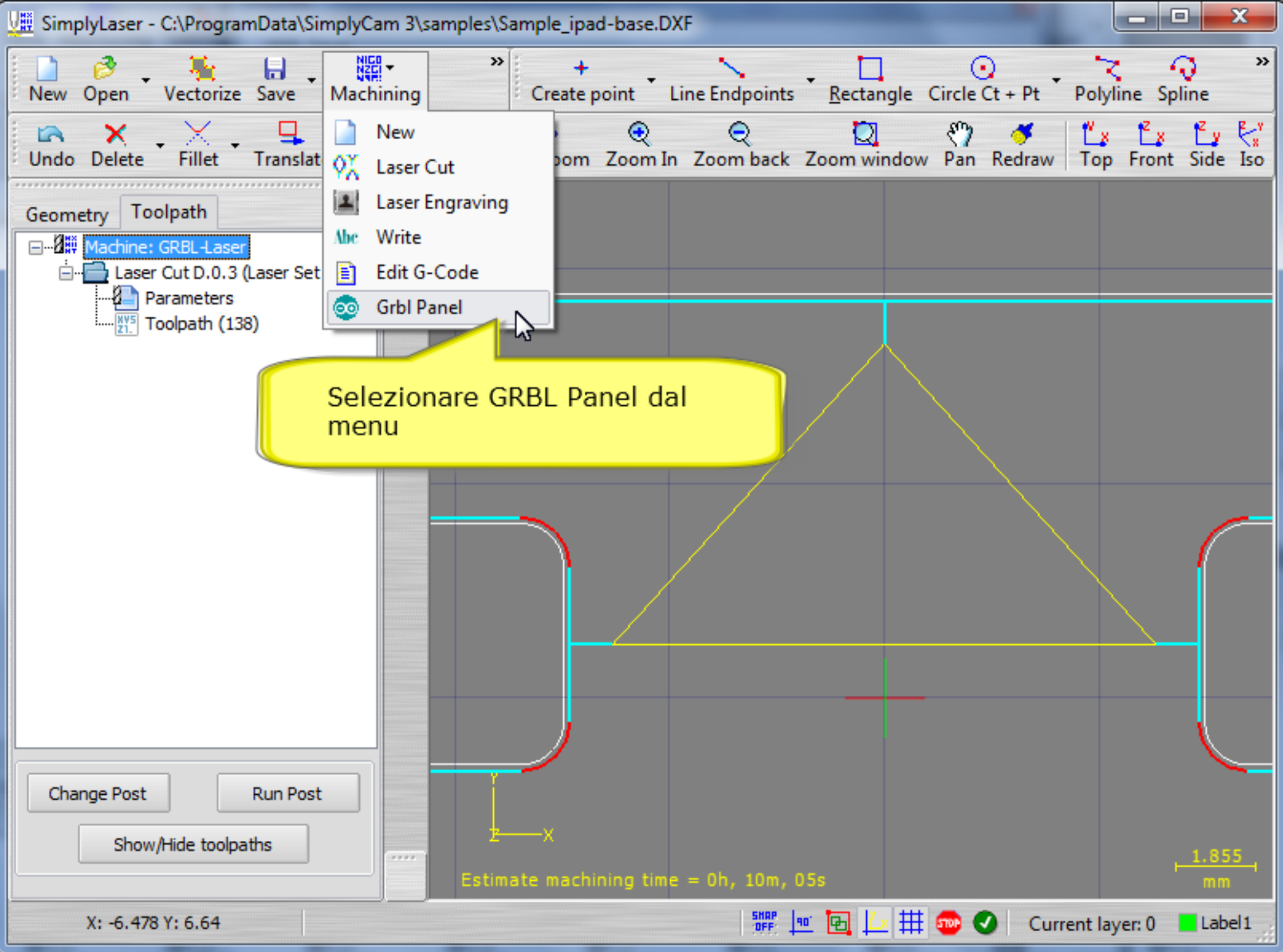

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: GRBL Laser
Laser Cut
Parameters
Toolpath (138)
Select Postprocessor
Tasto destro del mouse su "Macchina" e
Seleziona Postprocessor
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -10.246 Y: 8.879
Current layer: 0
Label1

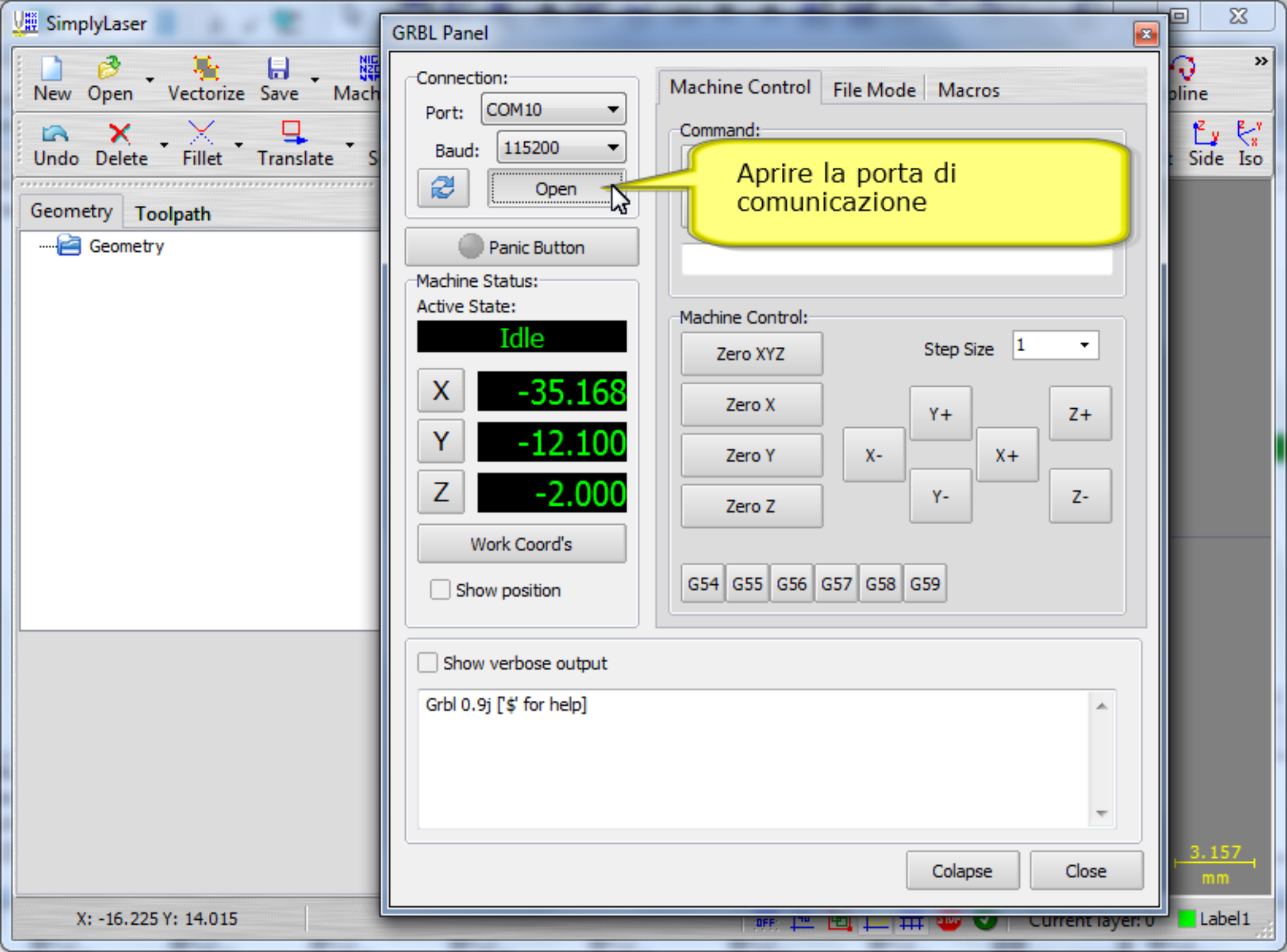

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
Select postprocessor
Post Processor
GRBL-Laser
Post GRBL-Laser
No Modal G code, XY
No Z move
M3/M5 Laser On/Off
S0-S255 Laser power grayscale
Space between instruction
No Block number
Output metric
Output inch
Output file extension:
nc
Rapid feedrate:
10000
Edit
Ok
Change Post
Run Post
Show/Hide toolpaths
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -9.587 Y: 9.171
Define the postprocessor
Current layer: 0
Label1

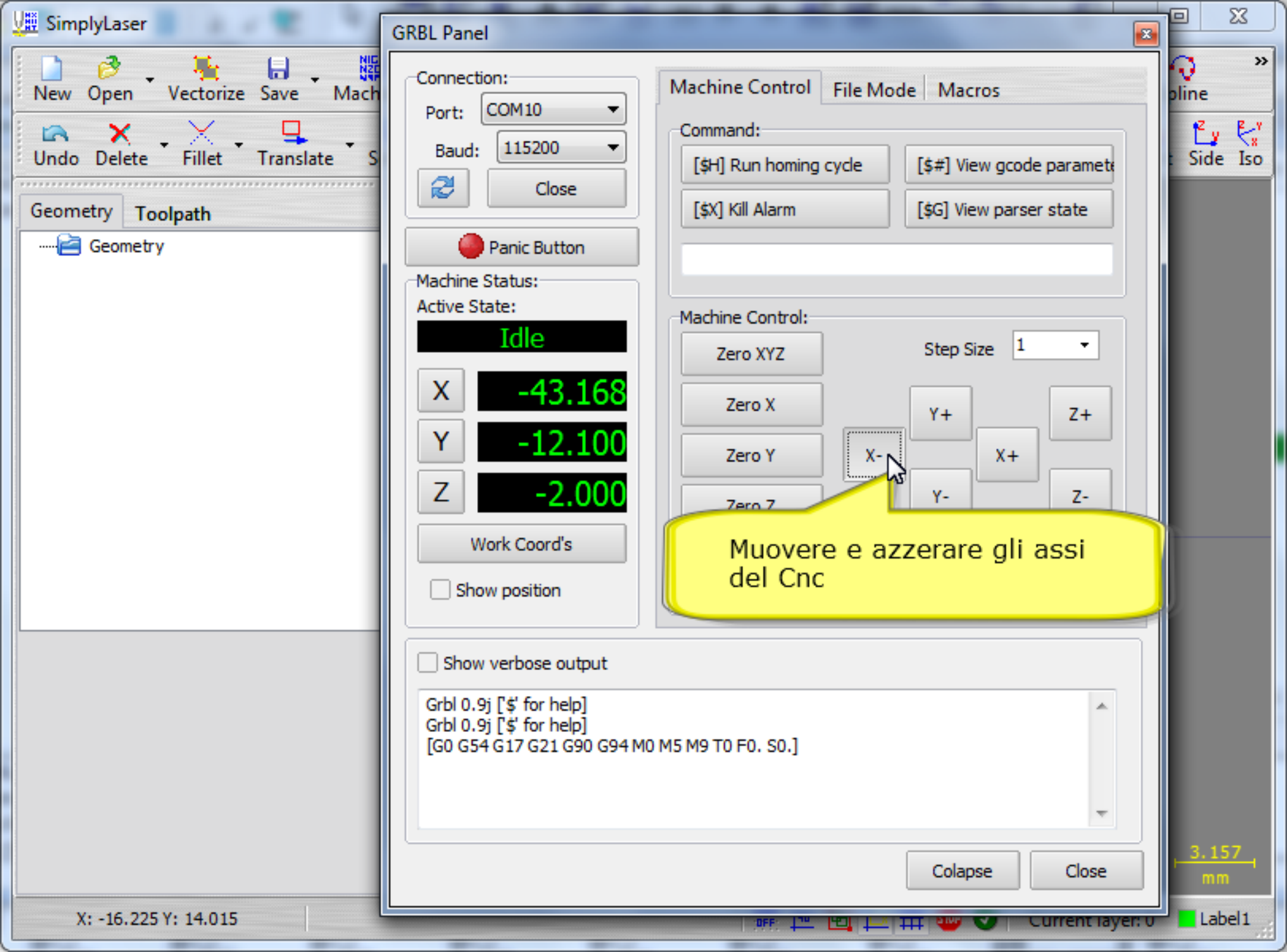

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Settings
Help
Close
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Undo
Delete
Split
Translate
Select
Autozoom
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Geometry
Toolpath
Machine: GRBL-Laser
Laser Cut D.0.3 (Laser Set1)
Parameters
Toolpath (138)
Change Post
Run Post
Show/Hide toolpaths
Eseguire il Postprocessor
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -8.672 Y: 5.475
Current layer: 0
Label1

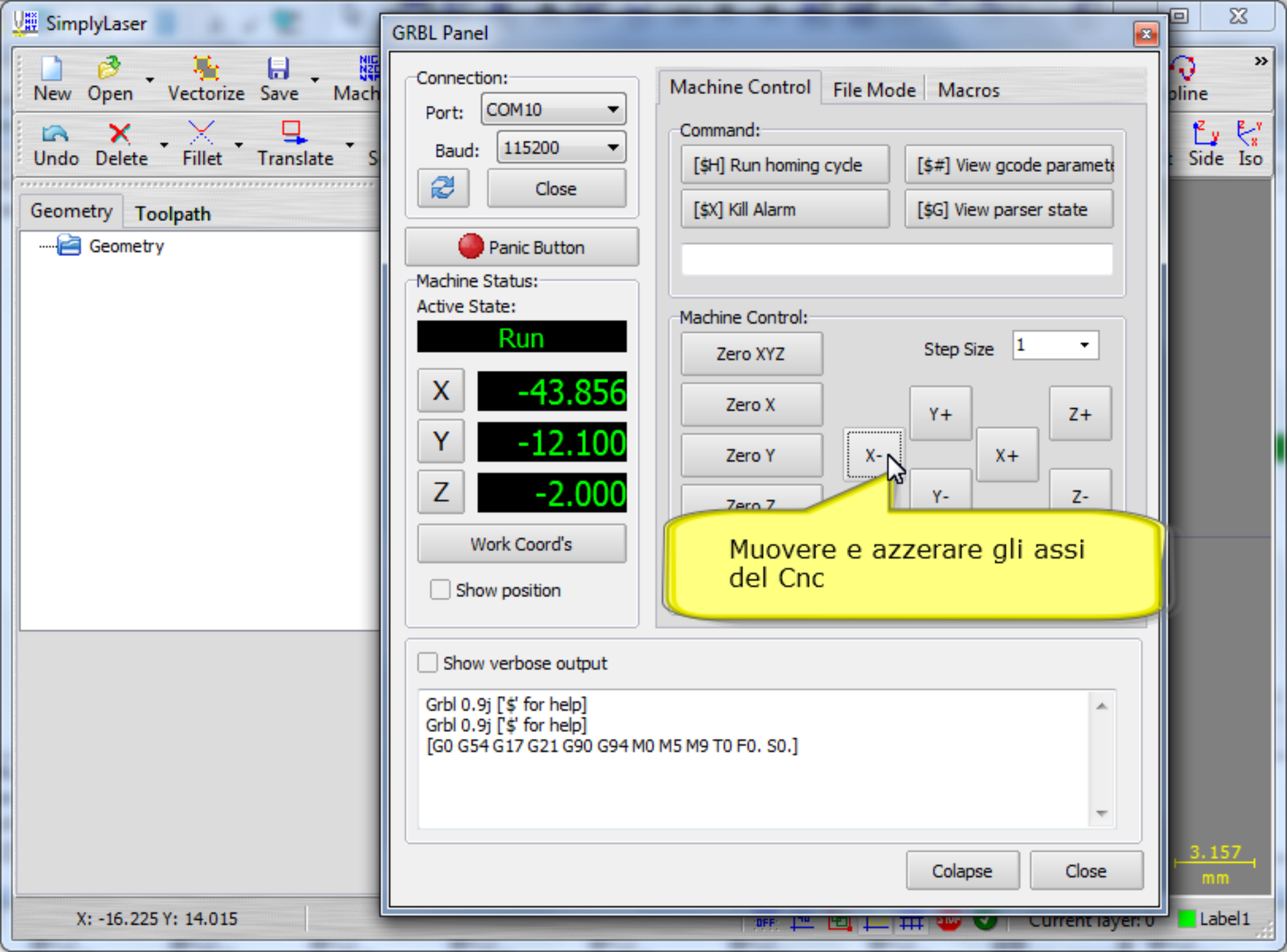

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Undo
Delete
Geometry
Machine: Las
Laser Cut
Change Post
Run Post
Show/Hide toolpaths
Front
Side
Iso
Save As
Save in:
gcode
Recent Places
Desktop
Libraries
Computer
Network
Name
Date modified
Type
t.nc 18/07/2016 17:38 CNC S
test.nc 13/07/2016 14:38 CNC S
tornio.nc 20/06/2016 08:28 CNC S
7.nc 18/04/2016 15:46 CNC S
t1.nc 06/04/2016 16:18 CNC S
tt.nc 21/03/2016 11:09 CNC S
name-file.nc 29/02/2016 06:25 CNC S
cont.nc 28/11/2015 07:44 CNC S
bugarco.nc 13/10/2015 11:45 CNC S
finish.nc 30/09/2015 14:36 CNC S
testvisunc.nc 14/09/2015 20:27 CNC S
TESTPUNCH.nc 04/08/2015 20:12 CNC S
tornio1.nc 28/07/2015 22:43 CNC S
File name:
test.nc
Save as type:
Code files (*.nc)
Save
Cancel
Inserire il nome del file
G-Code e click su Salva
Estimate machining time = 0h, 10m, 04s
1.83
mm
X: -9.587 Y: 9.171
Define the postprocessor
Current layer: 0
Label1

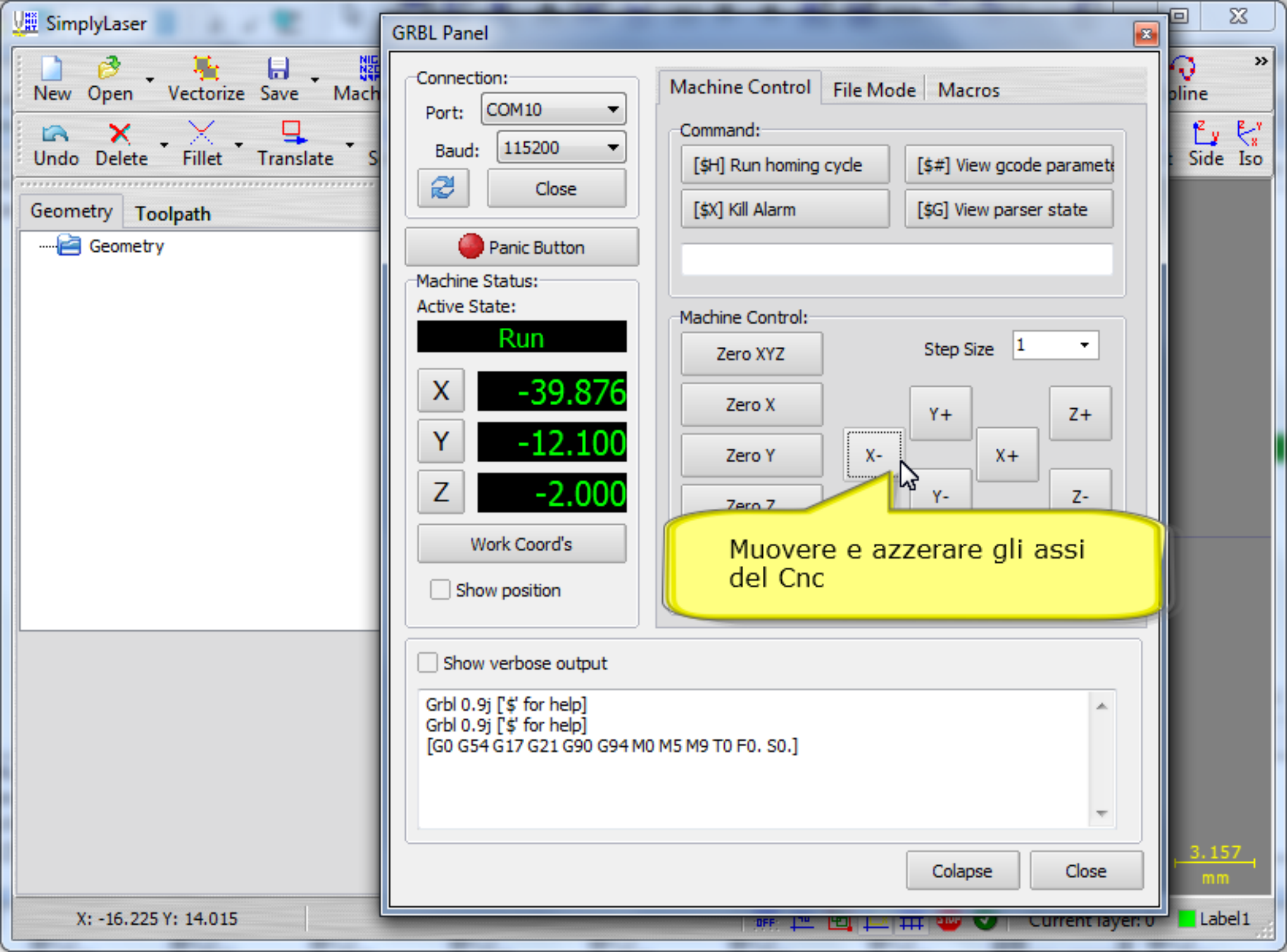

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
gcEditor v 0.9.9.2
File Edit Text Tools Help
C:\ProgramData\SimplyCam 3\gcode\test.nc
G28; home all axes
G21; Set units to millimeters
G90; Use absolute coordinates
G92; Coordinate Offset
G00X-6.315Y1.251
M4
M18
G01X-7.315Y1.251F100
G01X-7.315Y3.057
G03X-8.465Y4.207I-1.15J0.
G01X-59.001Y4.211
G03X-59.151Y4.061I0.J-0.15
G01X-59.151Y-15.789
G01X-63.551Y-15.789
G01X-63.549Y4.061
G03X-63.699Y4.211I-0.15J0.
G01X-94.Y4.214
G03X-95.15Y3.064I0.J-1.15
G01X-95.15Y-2.269
G03X-95.08Y-2.665I1.151J0.
G01X-88.514Y-20.558
G03X-87.038Y-21.241I1.08J0.396
G01X-85.713Y-20.755
G03X-82.674Y-15.321I-1.644J4.487
G01X-84.338Y-10.049
Current Z: 0
In 0 col 0
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
Questo è il file G-Code da eseguire sul CNC
1.83
mm
Current layer: 0
Label1

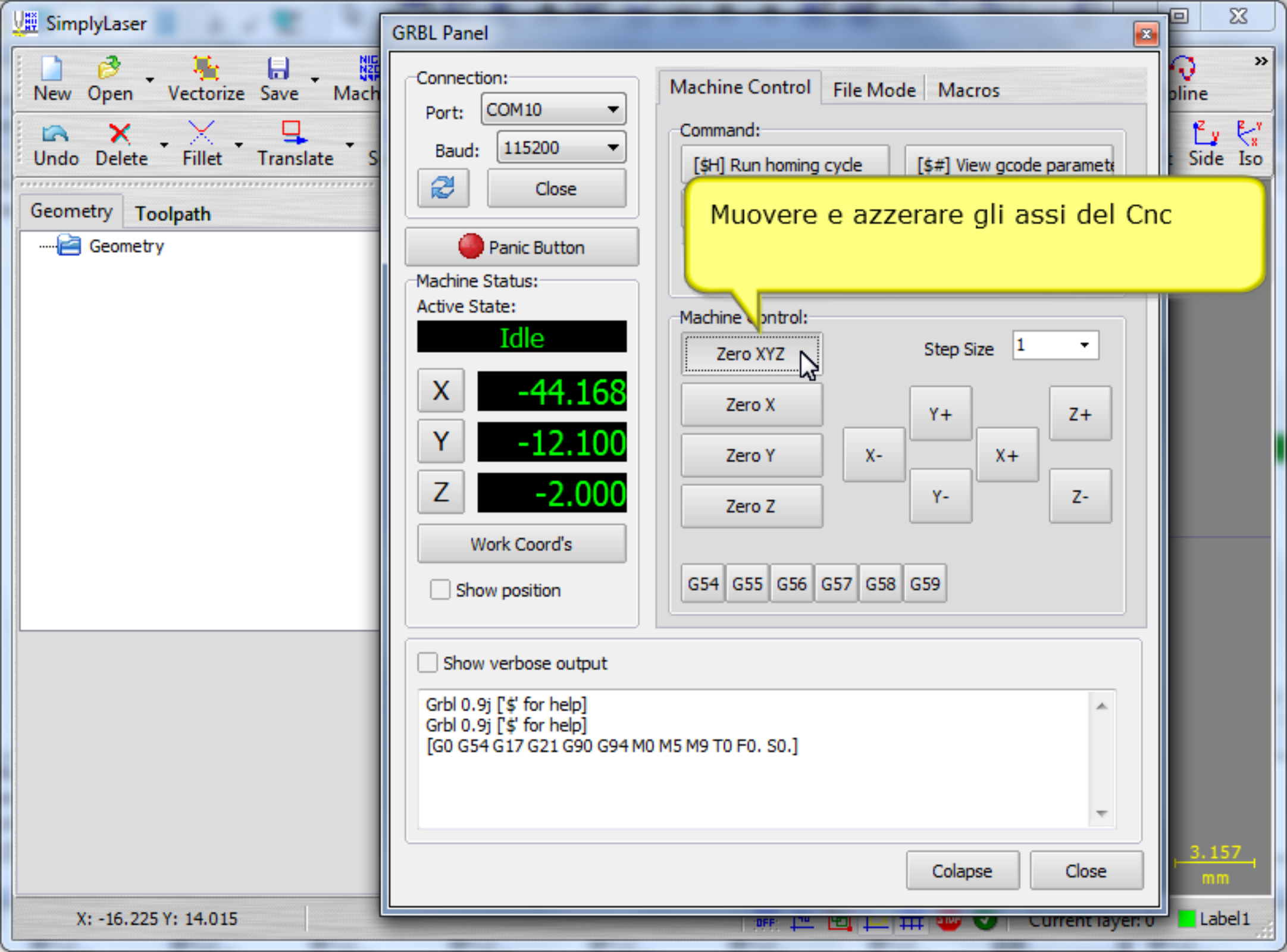

SimplyLaser - C:\ProgramData\SimplyCam 3\samples\Sample_ipad-base.DXF
New
Open
Vectorize
Save
Machining
Create point
Line Endpoints
Rectangle
Circle Ct + Pt
Polyline
Spline
Undo
Delete
Fillet
Translat
Zoom In
Zoom back
Zoom window
Pan
Redraw
Top
Front
Side
Iso
New
Laser Cut
Laser Engraving
Write
Edit G-Code
Grbl Panel
Geometry
Toolpath
Machine: GRBL-Laser
Laser Cut D.0.3 (Laser Set
Parameters
Toolpath (138)
Selezionare GRBL Panel dal menu
Change Post
Run Post
Show/Hide toolpaths
Estimate machining time = 0h, 10m, 05s
1.855
mm
X: -6.478 Y: 6.64
Current layer: 0
Label1

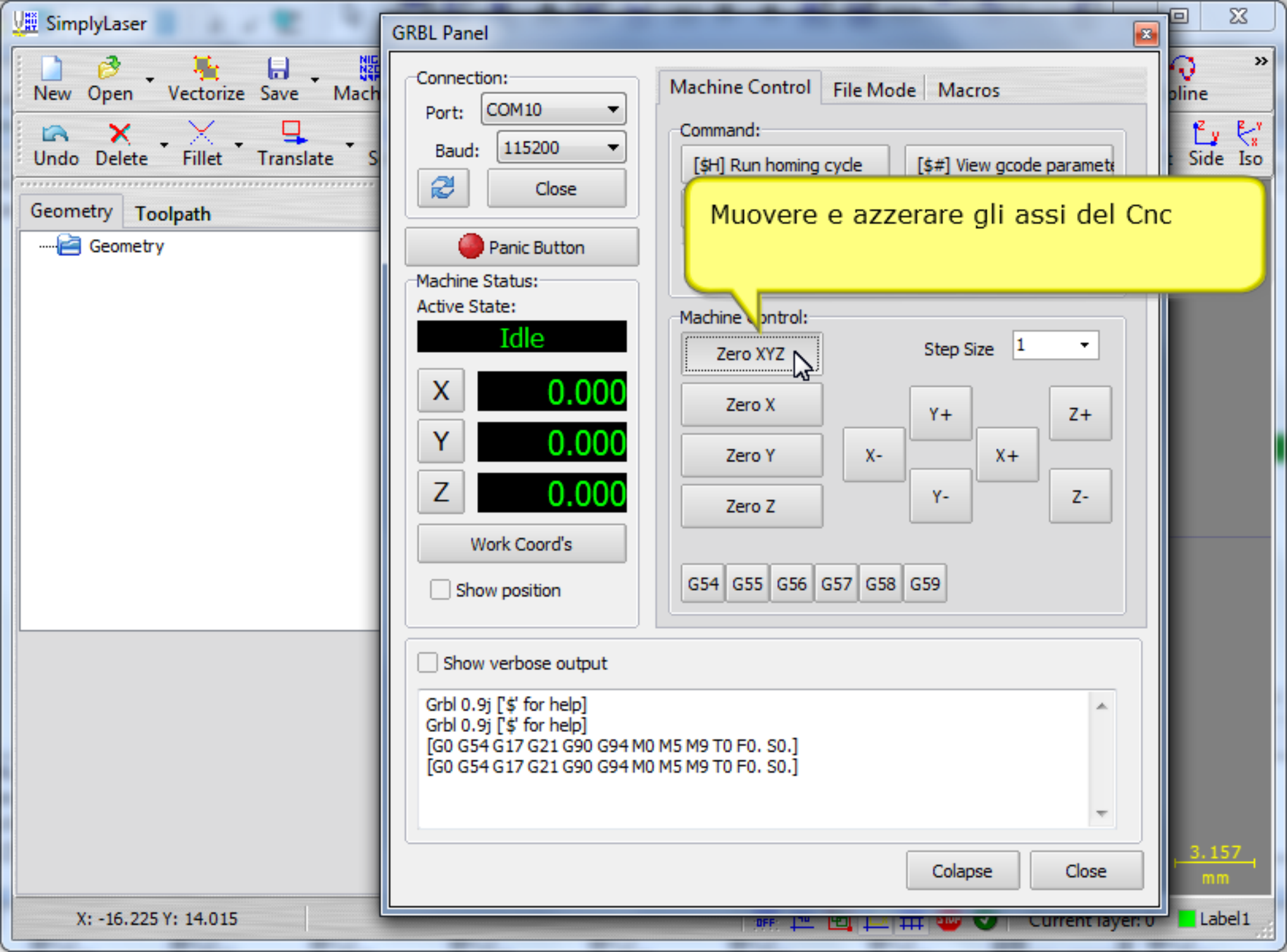

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Open
Aprire la porta di comunicazione
Panic Button
Machine Status:
Active State:
Idle
X
-35.168
Y
-12.100
Z
-2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
Machine Control:
Zero XYZ
Zero X
Zero Y
Zero Z
Step Size
1
Y+
X-
X+
Y-
Z+
Z-
G54
G55
G56
G57
G58
G59
Show verbose output
Grbl 0.9j ['$' for help]
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1

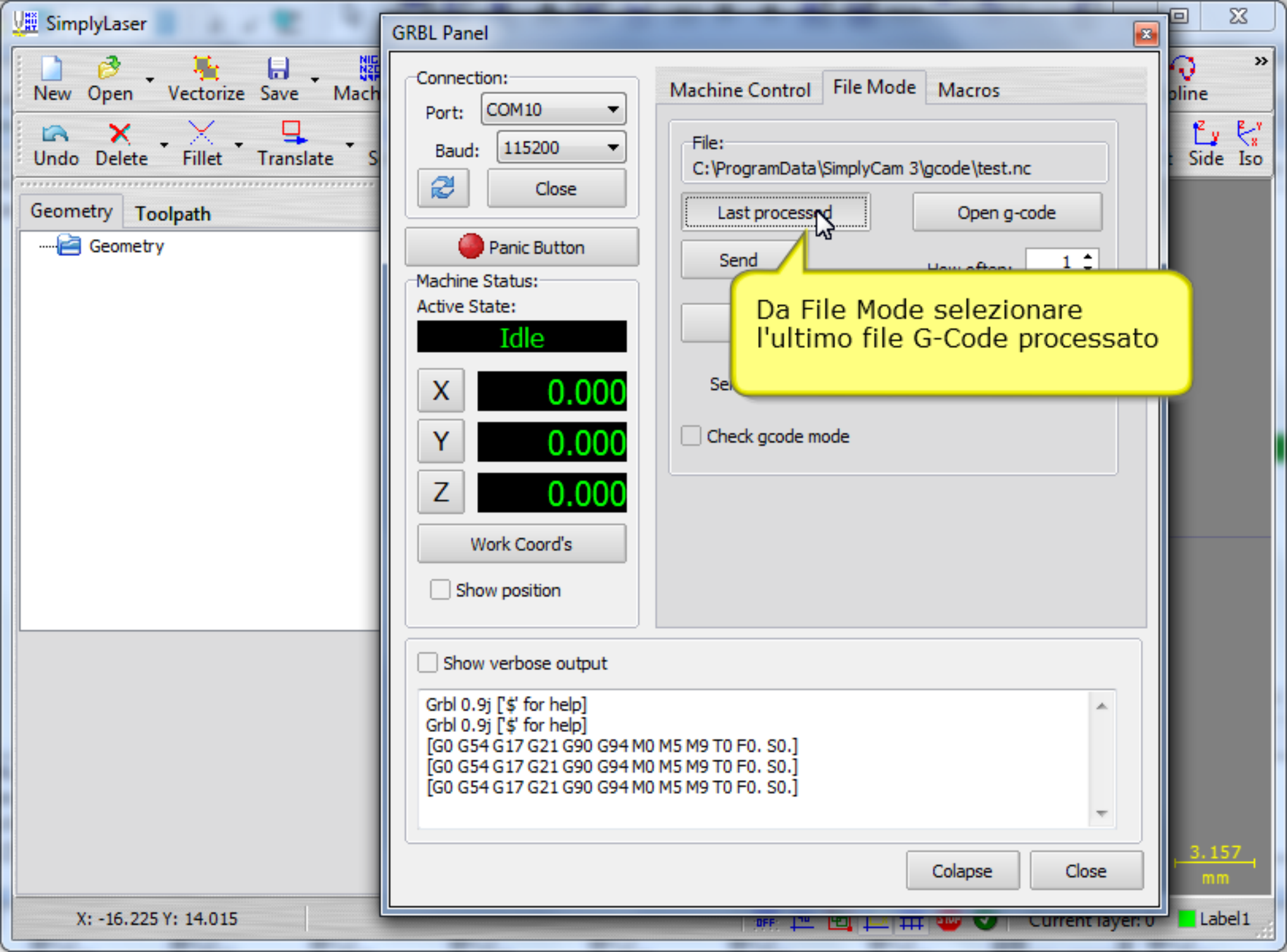

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
-43.168
Y
-12.100
Z
-2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
[$H] Run homing cycle
[$#] View gcode paramete
[$X] Kill Alarm
[$G] View parser state
Machine Control:
Zero XYZ
Step Size
1
Zero X
Zero Y
Zero Z
Y+
X-
X+
Y-
Z+
Z-
Muovere e azzerare gli assi del Cnc
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1

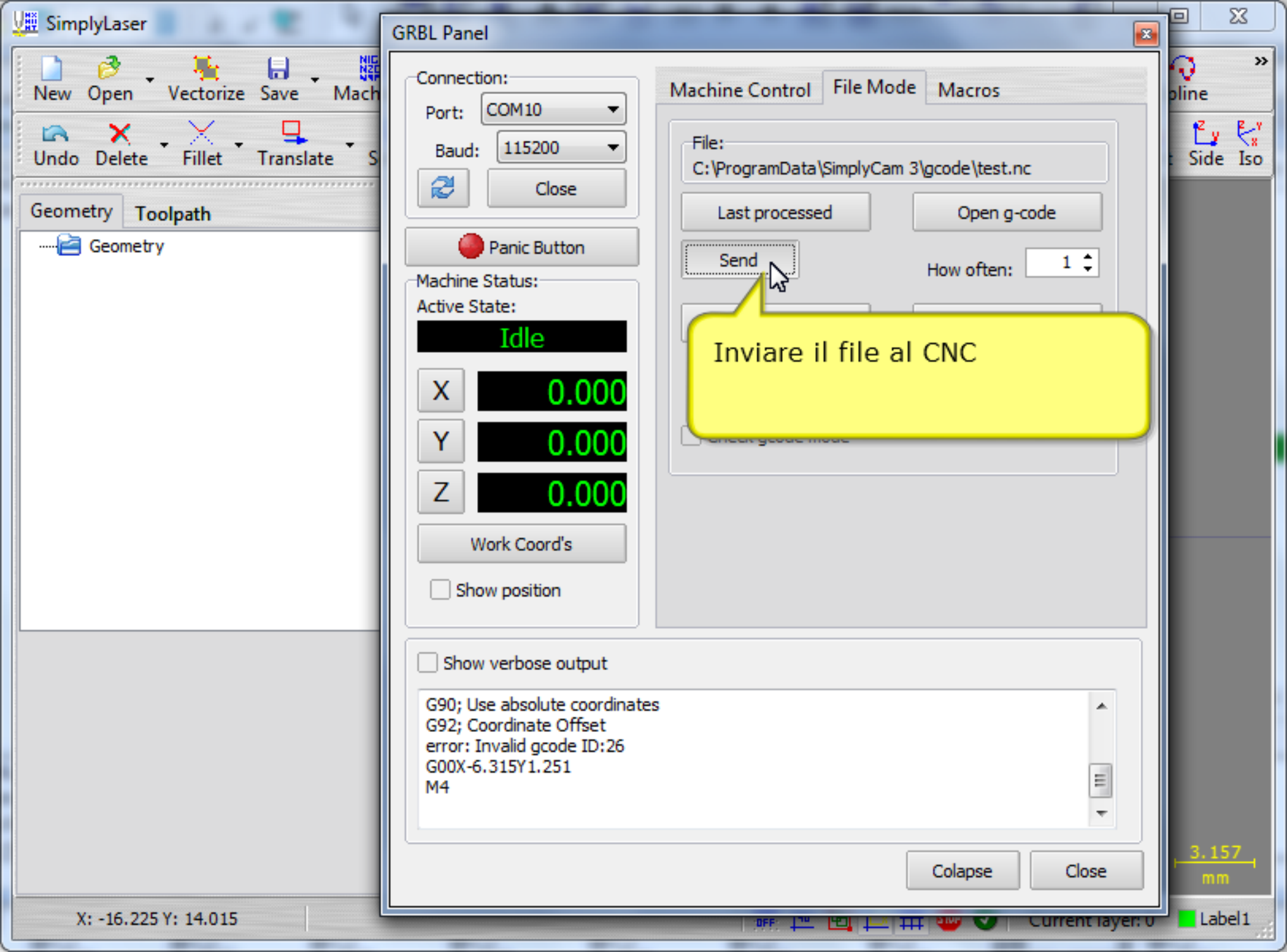

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Run
X
-43.856
Y
-12.100
Z
-2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
[$H] Run homing cycle
[$#] View gcode paramete
[$X] Kill Alarm
[$G] View parser state
Machine Control:
Zero XYZ
Step Size
1
Zero X
Zero Y
Zero Z
Y+
X-
X+
Y-
Z+
Z-
Muovere e azzerare gli assi del Cnc
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1

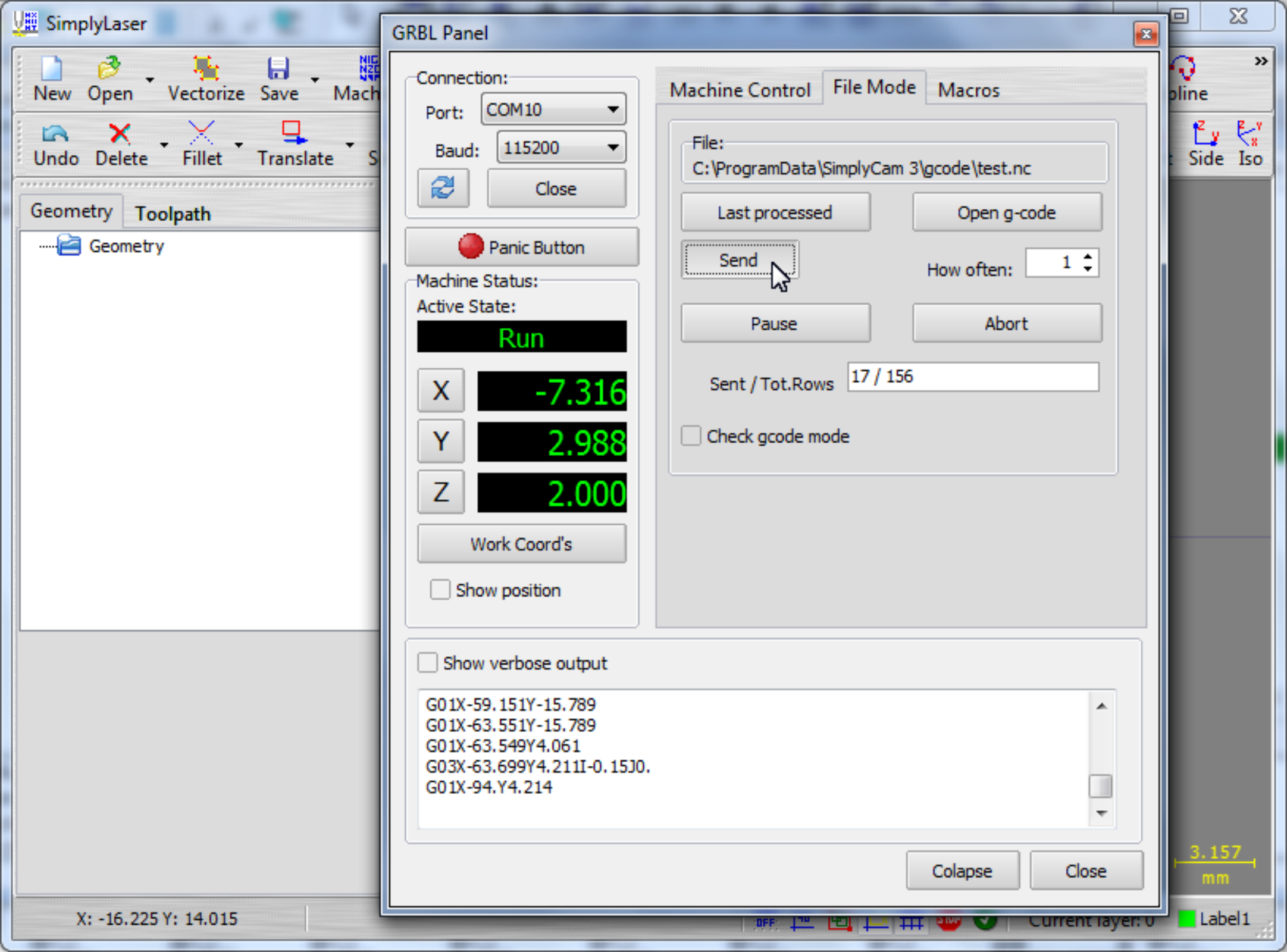

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Run
X
-39.876
Y
-12.100
Z
-2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
[$H] Run homing cycle
[$#] View gcode paramete
[$X] Kill Alarm
[$G] View parser state
Machine Control:
Zero XYZ
Step Size
1
Zero X
Zero Y
Zero Z
Y+
X-
X+
Y-
Z+
Z-
Muovere e azzerare gli assi del Cnc
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1

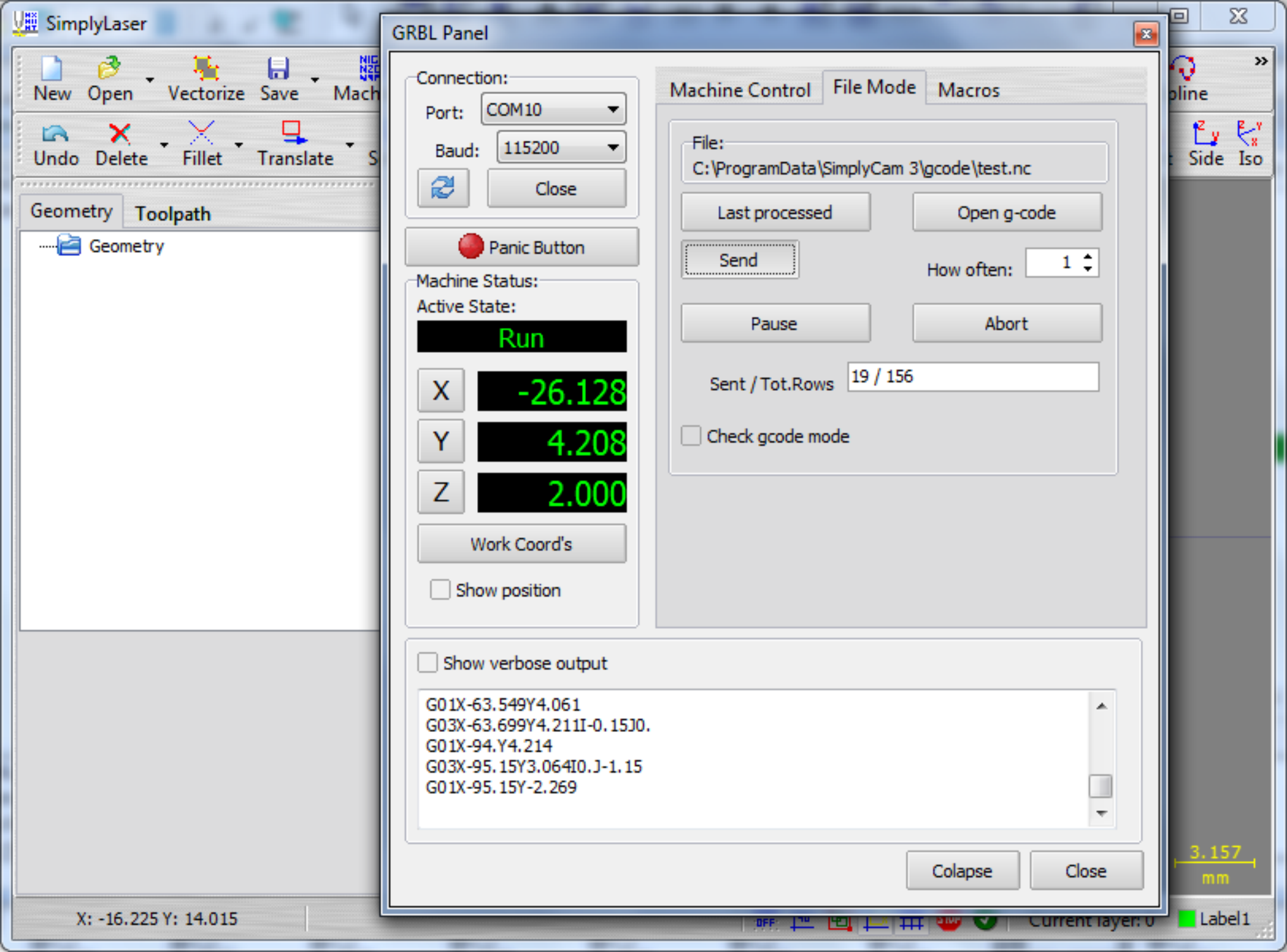

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
-44.168
Y
-12.100
Z
-2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
[$H] Run homing cycle
[$#] View gcode paramete
Muovere e azzerare gli assi del Cnc
Machine Control:
Zero XYZ
Step Size
1
Zero X
Zero Y
Zero Z
Y+
X-
X+
Y-
Z+
Z-
G54
G55
G56
G57
G58
G59
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1

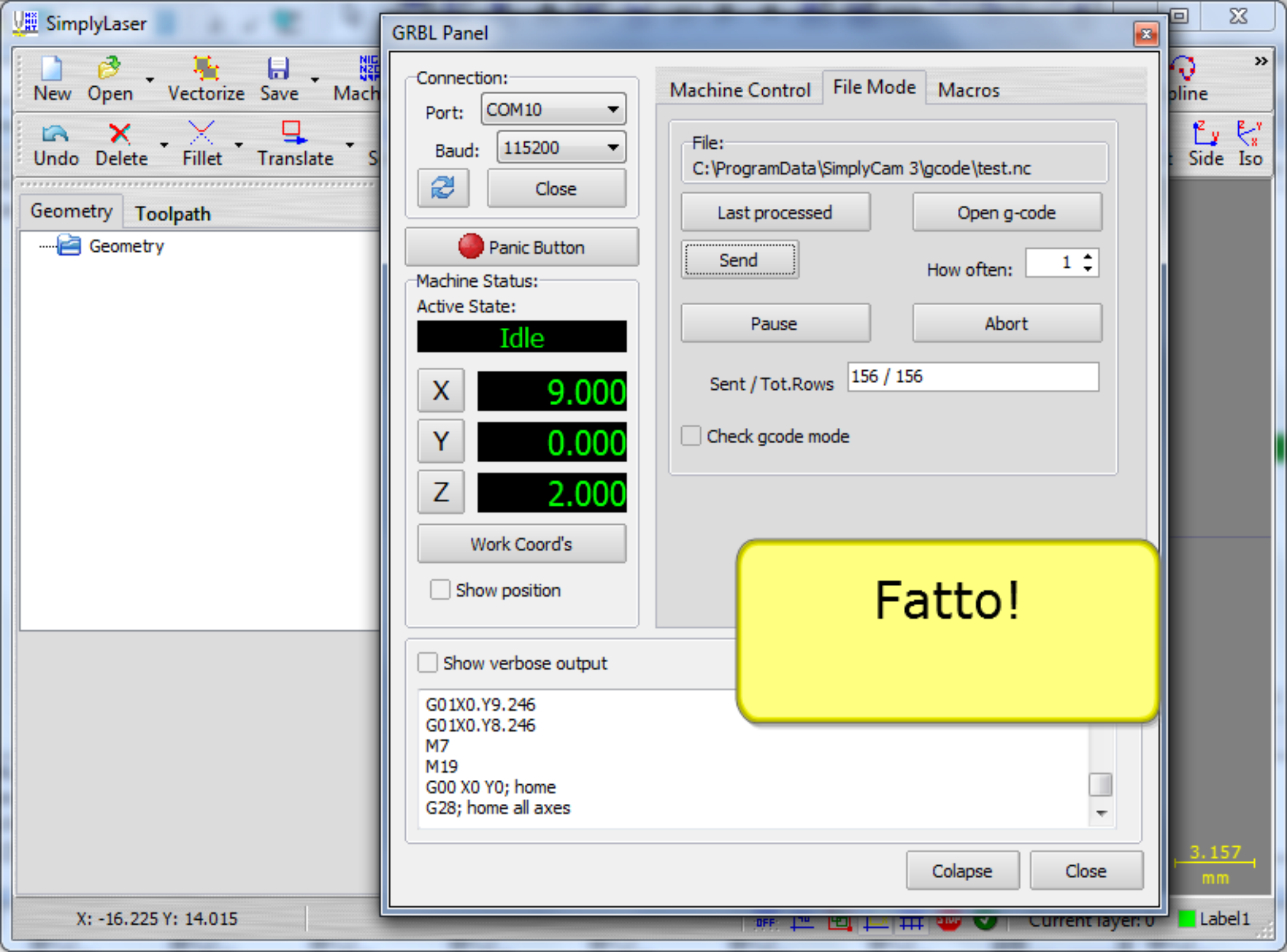

SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
X: -16.225 Y: 14.015
3.157
mm
Label1
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
0.000
Y
0.000
Z
0.000
Work Coord's
Show position
Machine Control
File Mode
Macros
Command:
[$H] Run homing cycle
[$#] View gcode paramete
Muovere e azzerare gli assi del Cnc
Machine Control:
Zero XYZ
Step Size
1
Zero X
Zero Y
Zero Z
Y+
X-
X+
Y-
Z+
Z-
G54
G55
G56
G57
G58
G59
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close


SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
X: -16.225 Y: 14.015
3.157
mm
Label1
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
0.000
Y
0.000
Z
0.000
Work Coord's
Show position
Machine Control
File Mode
Macros
File:
C:\ProgramData\SimplyCam 3\gcode\test.nc
Last processed
Open g-code
Send
Check gcode mode
Da File Mode selezionare
l'ultimo file G-Code processato
Show verbose output
Grbl 0.9j ['$' for help]
Grbl 0.9j ['$' for help]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
[G0 G54 G17 G21 G90 G94 M0 M5 M9 T0 F0. S0.]
Colapse
Close


SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
0.000
Y
0.000
Z
0.000
Work Coord's
Show position
Machine Control
File Mode
Macros
File:
C:\ProgramData\SimplyCam 3\gcode\test.nc
Last processed
Open g-code
Send
How often:
1
Inviare il file al CNC
Show verbose output
G90; Use absolute coordinates
G92; Coordinate Offset
error: Invalid gcode ID:26
G00X-6.315Y1.251
M4
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1


SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Run
X
-7.316
Y
2.988
Z
2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
File:
C:\ProgramData\SimplyCam 3\gcode\test.nc
Last processed
Open g-code
Send
How often:
1
Pause
Abort
Sent / Tot.Rows
17 / 156
Check gcode mode
Show verbose output
G01X-59.151Y-15.789
G01X-63.551Y-15.789
G01X-63.549Y4.061
G03X-63.699Y4.211I-0.15J0.
G01X-94.Y4.214
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1


SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Run
X
-26.128
Y
4.208
Z
2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
File:
C:\ProgramData\SimplyCam 3\gcode\test.nc
Last processed
Open g-code
Send
How often:
1
Pause
Abort
Sent / Tot.Rows
19 / 156
Check gcode mode
Show verbose output
G01X-63.549Y4.061
G03X-63.699Y4.211I-0.15J0.
G01X-94.Y4.214
G03X-95.15Y3.064I0.J-1.15
G01X-95.15Y-2.269
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Current layer: 0
Label1


SimplyLaser
New
Open
Vectorize
Save
Undo
Delete
Fillet
Translate
Side
Iso
Geometry
Toolpath
Geometry
GRBL Panel
Connection:
Port:
COM10
Baud:
115200
Close
Panic Button
Machine Status:
Active State:
Idle
X
9.000
Y
0.000
Z
2.000
Work Coord's
Show position
Machine Control
File Mode
Macros
File:
C:\ProgramData\SimplyCam 3\gcode\test.nc
Last processed
Open g-code
Send
How often:
1
Pause
Abort
Sent / Tot.Rows
156 / 156
Check gcode mode
Fatto!
Show verbose output
G01X0.Y9.246
G01X0.Y8.246
M7
M19
G00 X0 Y0; home
G28; home all axes
Colapse
Close
3.157
mm
X: -16.225 Y: 14.015
Label1