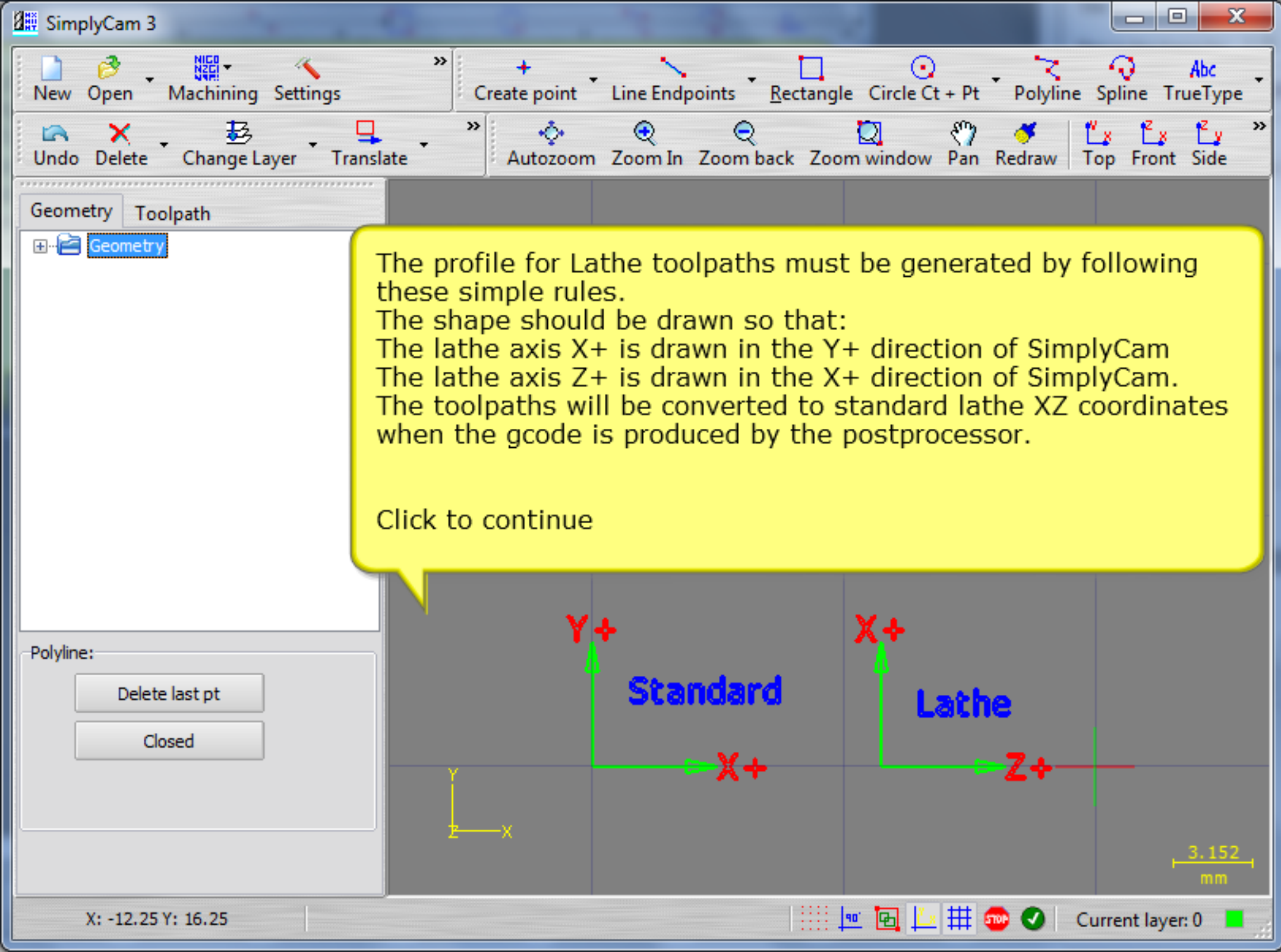
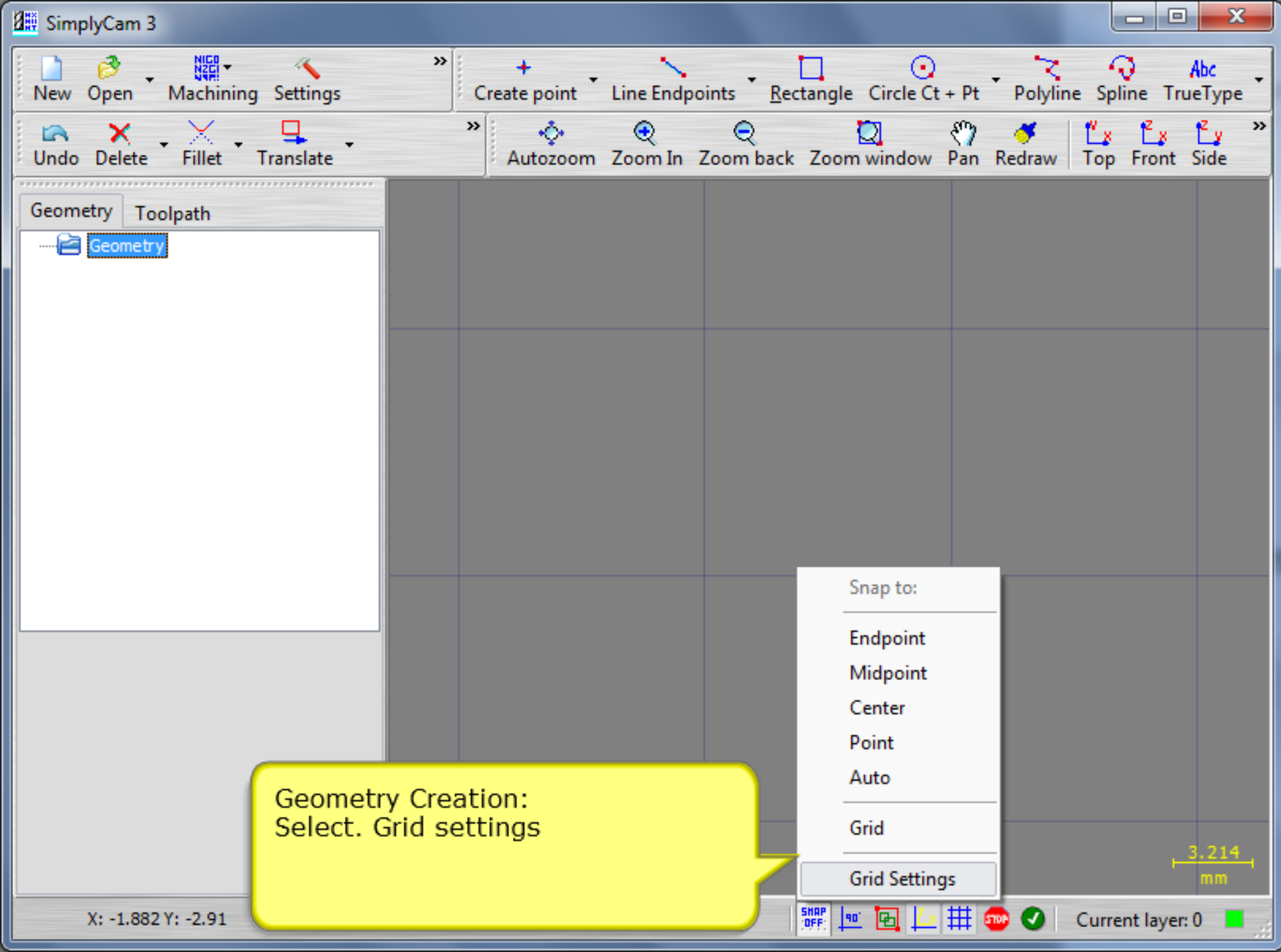
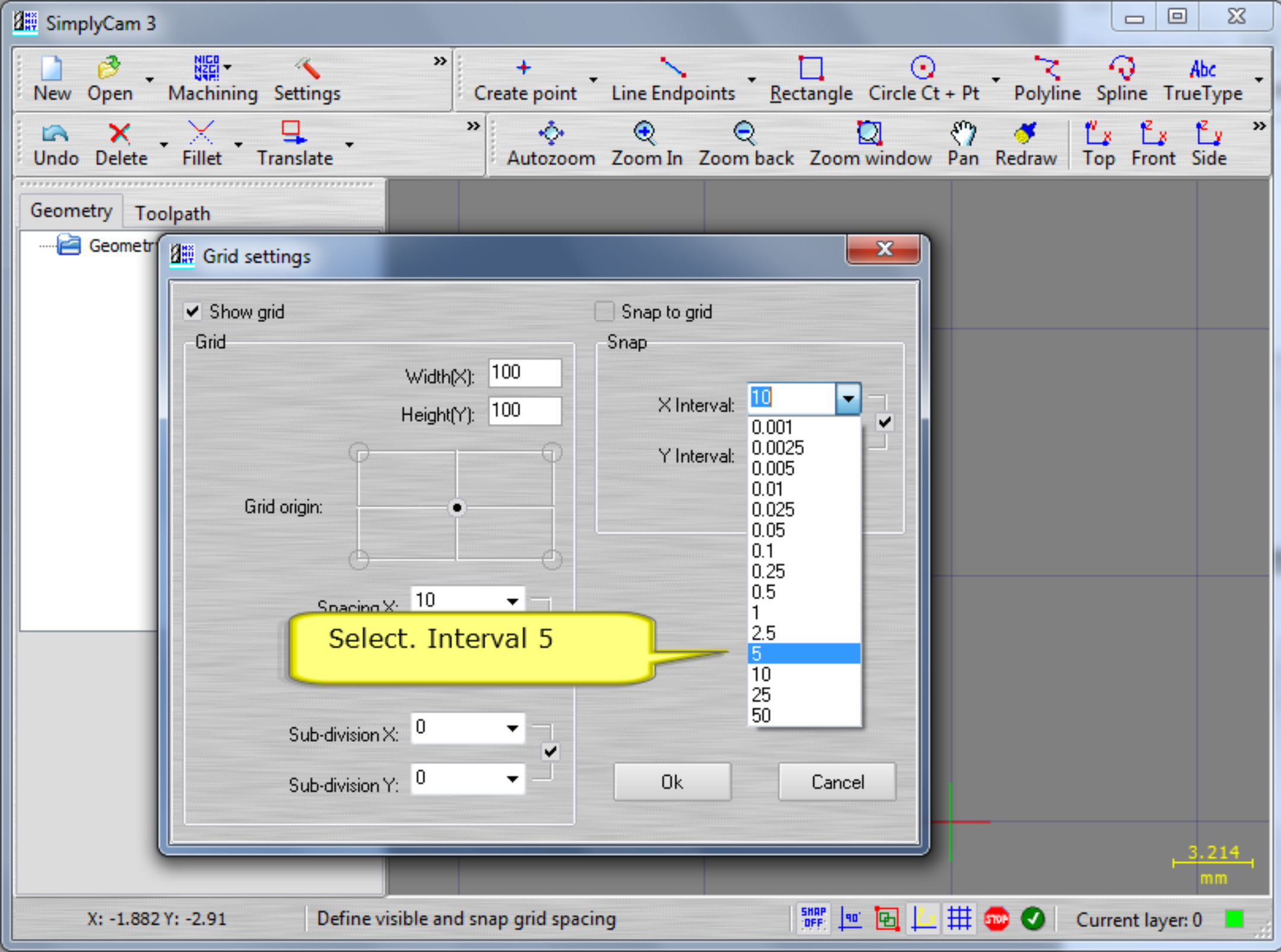
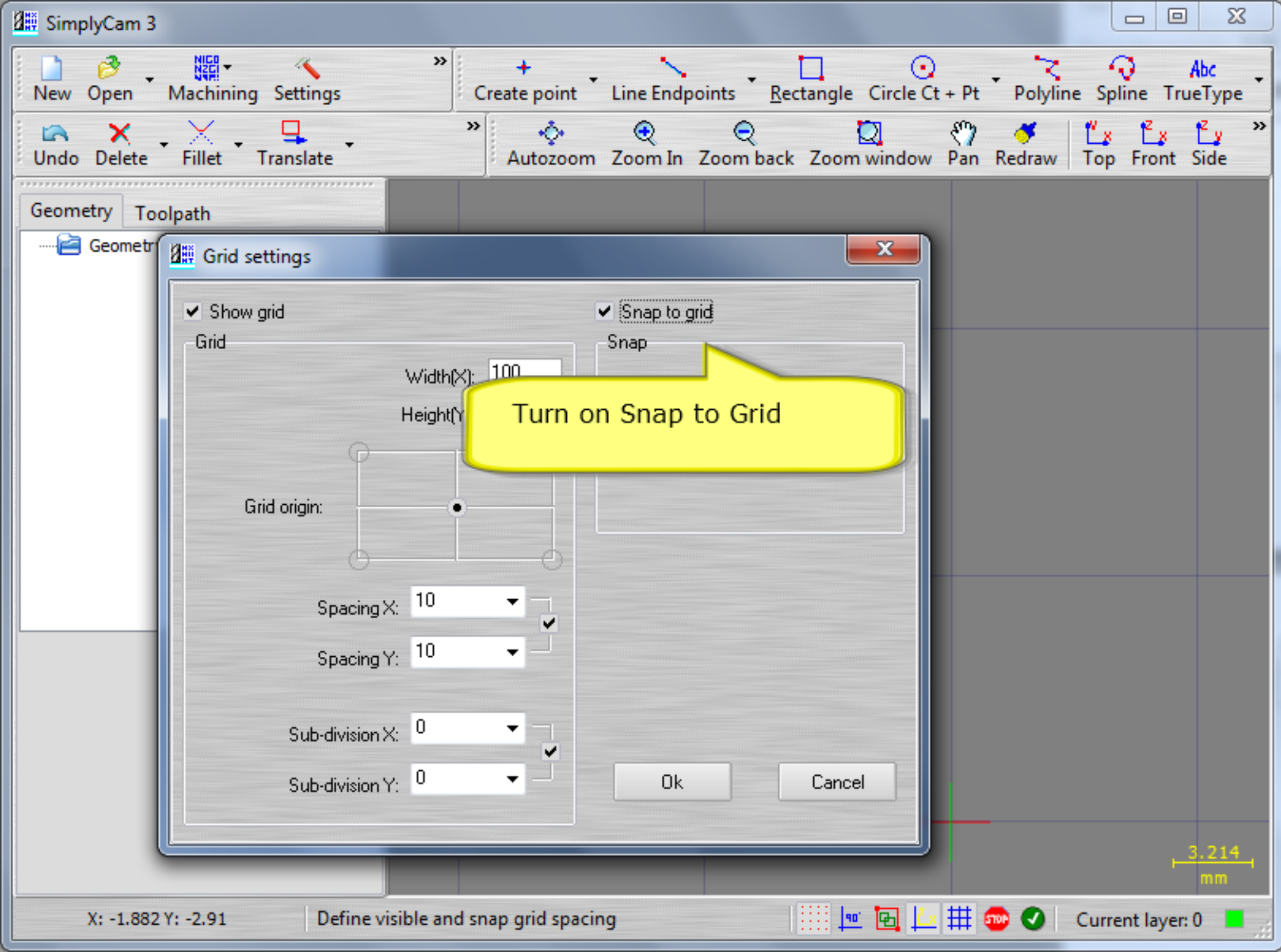
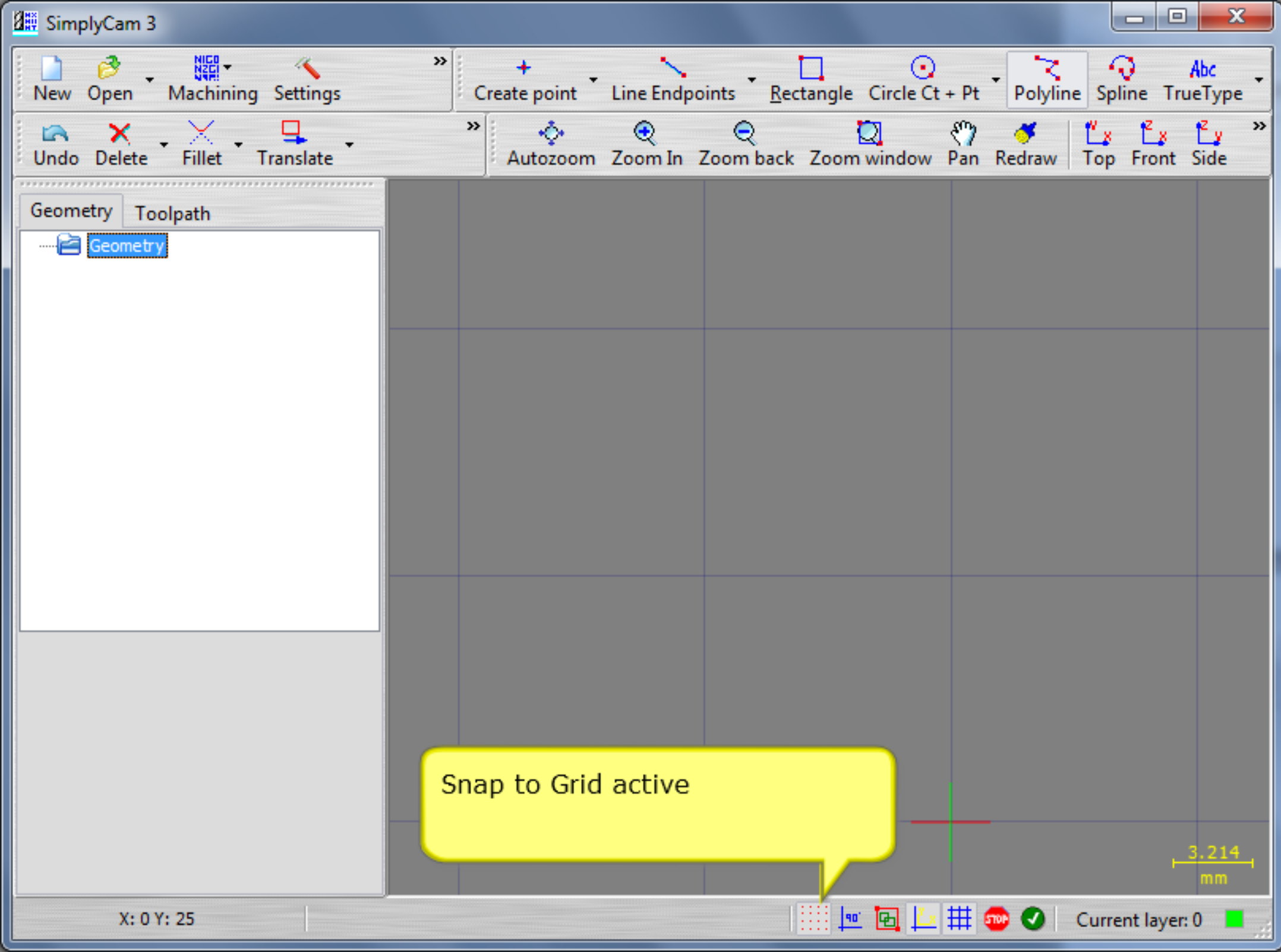


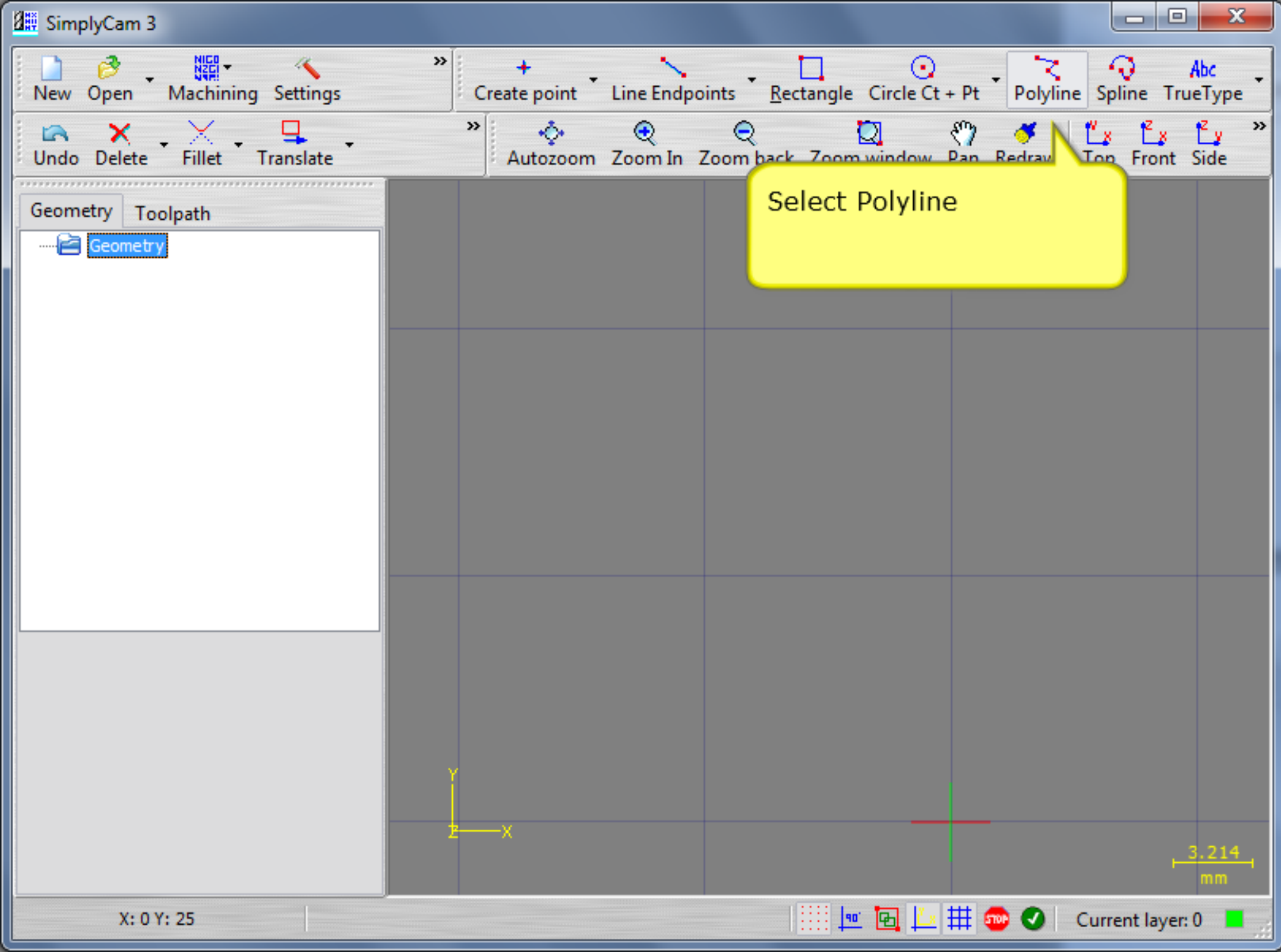


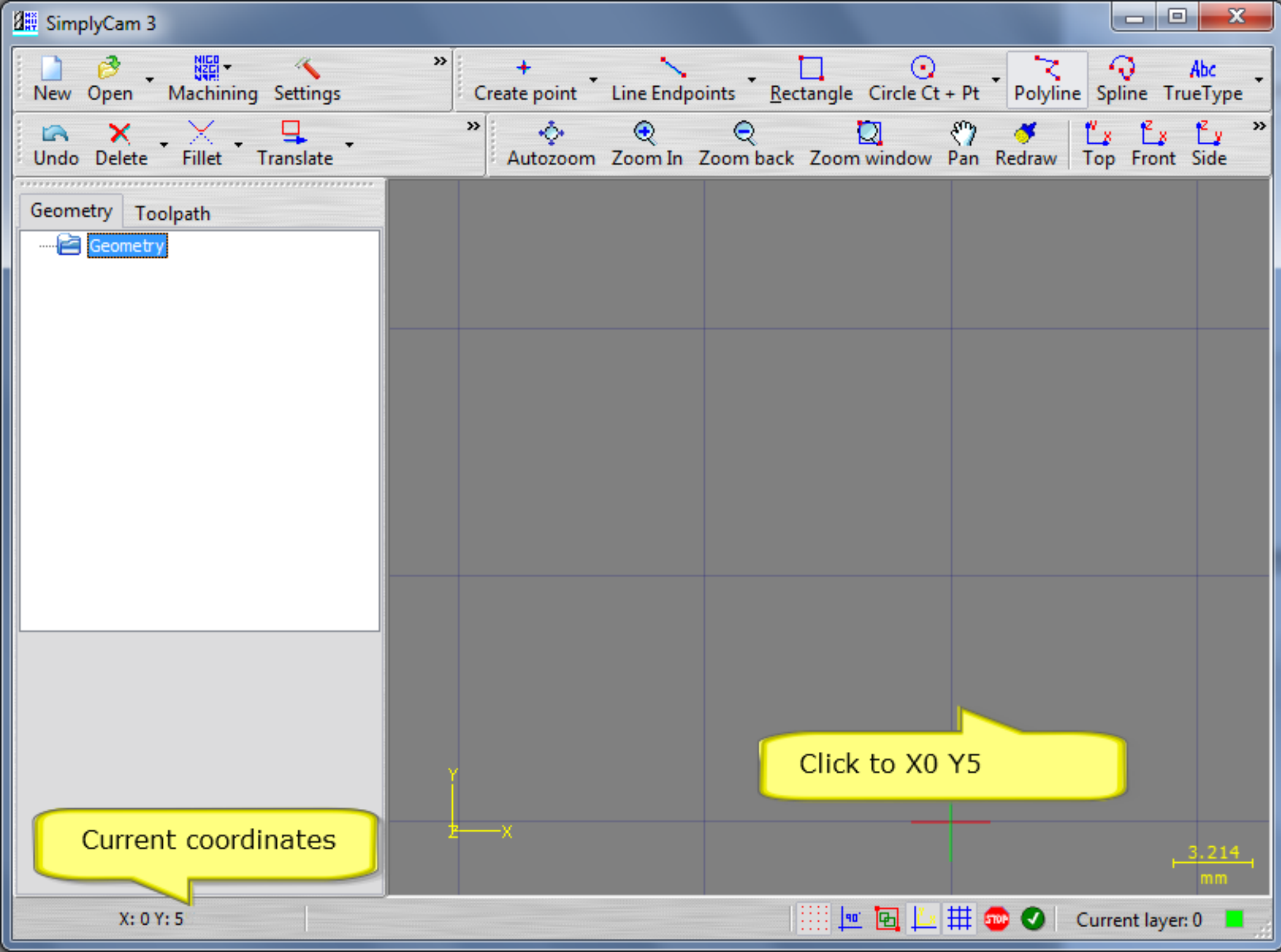


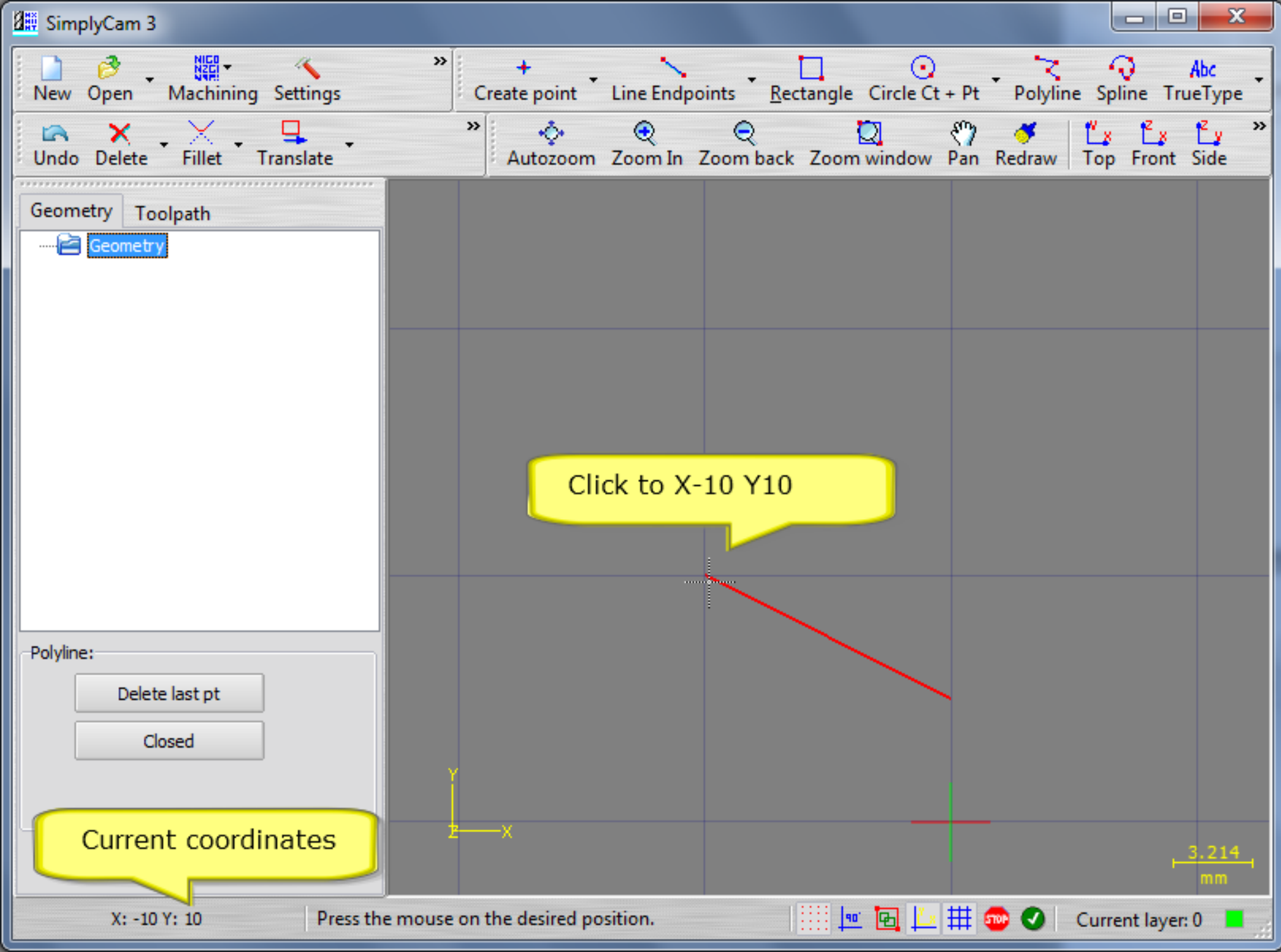


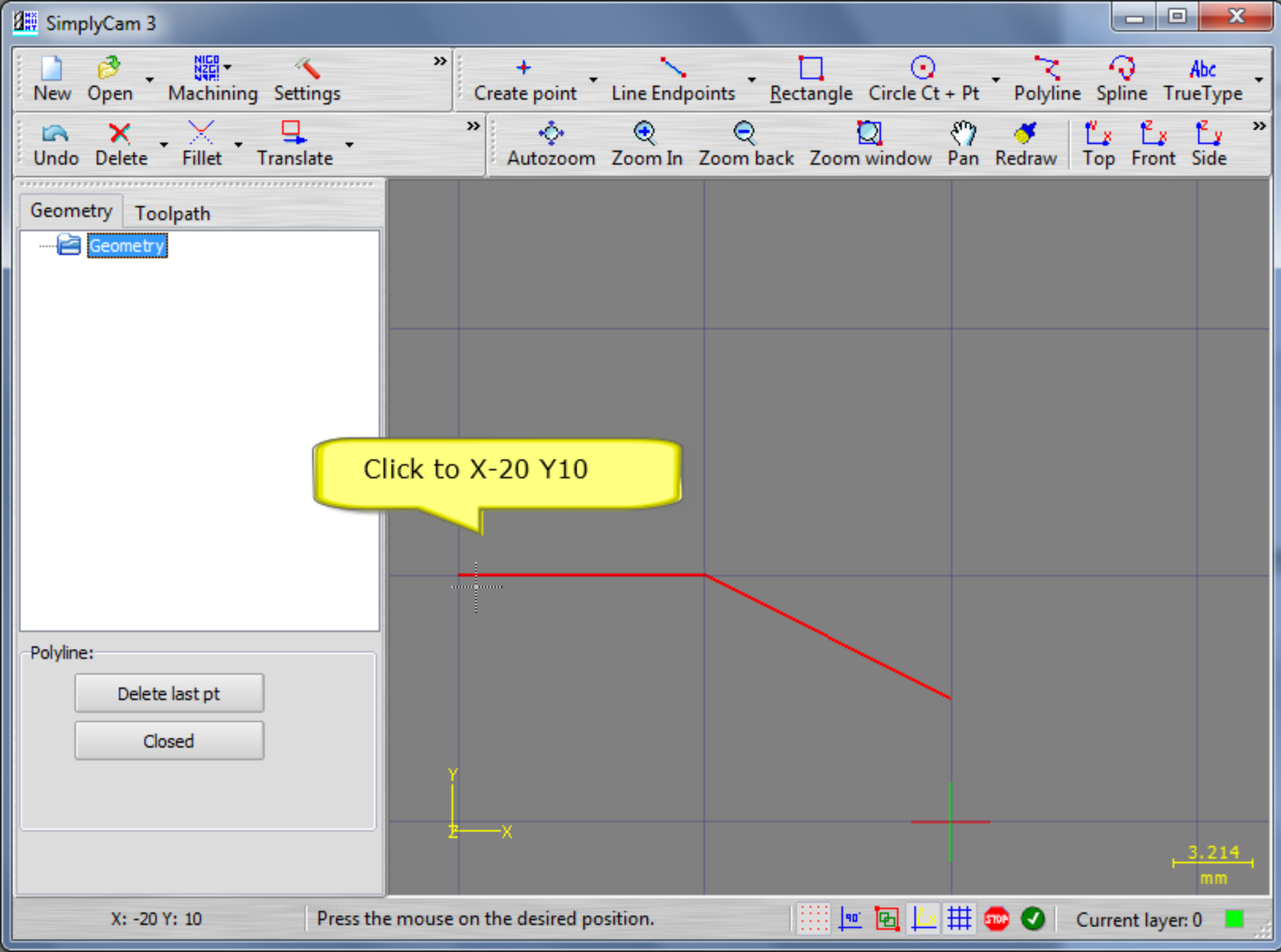


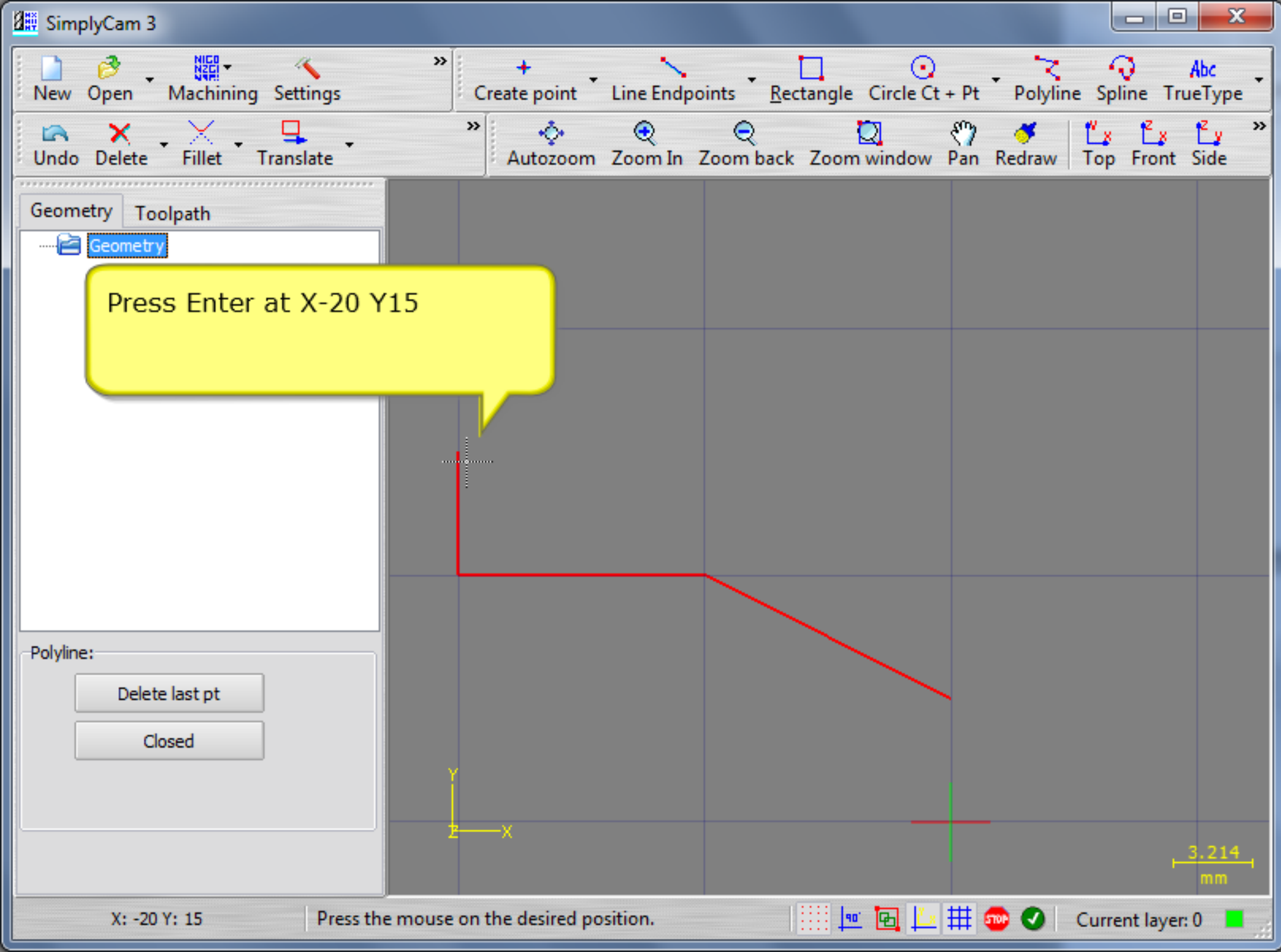


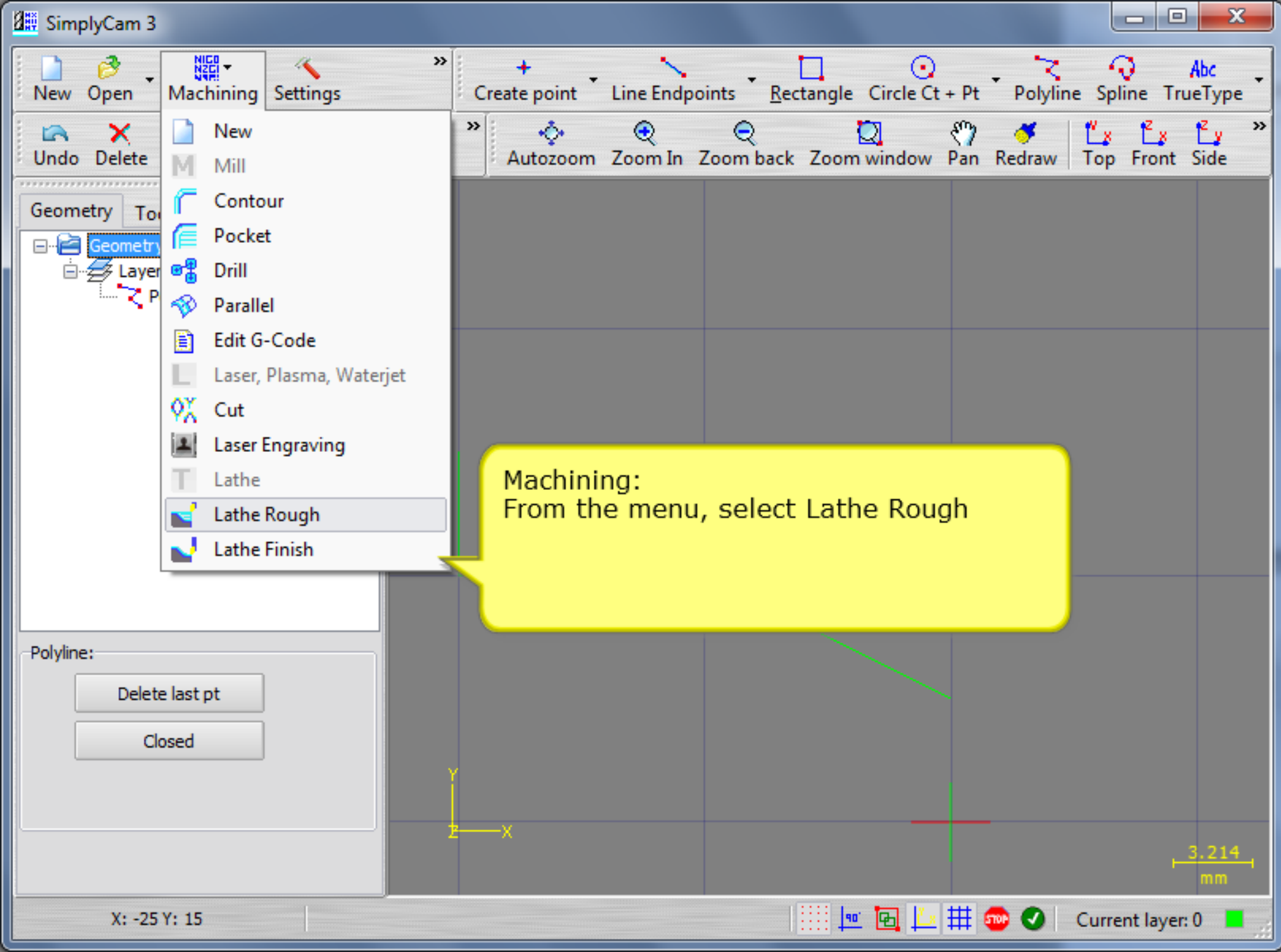














Lathe Rough

Tools

Profiles

Parameters

Tools List:

C:\ProgramData\SimplyC... \Lathe_mm.rlb

- Generic OD 04 15° (Radius 0.4)
- Generic OD 08 15° (Radius 0.8)
- Generic OD 04 30° (Radius 0.4)
- Generic OD 08 30° (Radius 0.8)
- Generic ID 04 5° (Radius 0.4)
- Generic ID 08 5° (Radius 0.8)

Click on the tool

Feed rate: 0.1

mm/rev ☒

mm/min ☐

Coolant ☐

Tool geometry



Name: Generic OD 04 15°
Type: General OD turning
Corner radius: 0.4
Compensation: Tip

Open library

Save library

Add to lib.

Modify in lib.

Change Post

Run Post

Show/Hide toolpaths

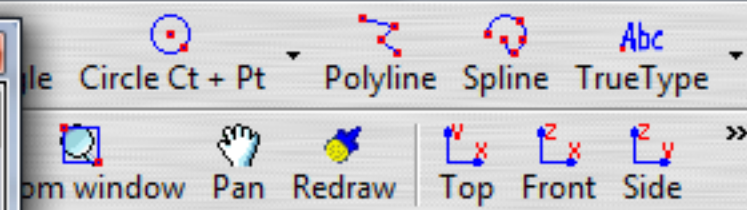


X: -15 Y: 15

Define tool, speed and feeds



Current layer: 0



3.214 mm



Lathe Rough



Tools

Profiles

Parameters

Profiles definition:

☐ Layer prio

Profile definition

G01

G02

Select

WinSelect

Chain

Reverse

Unselect last

Unselect all

Chains Manager

Cutter Compensation:

Offset Side: Auto

Cutter compensation in Cnc (G41/G42) ☐

Change Post

Run Post

Show/Hide toolpaths

Line Endpoints Rectangle Circle Ct + Pt Polyline Spline TrueType

Zoom In Zoom back Zoom window Pan Redraw Top Front Side

3.214
mm

X: -15 Y: 15

Select the profile, cutter compensation and Entry/Exit



Current layer: 0



Lathe Rough

Tools

Profiles

Parameters

Profiles definition:

☐ Layer priority

Go To

Last

All

Select

WinSelect

Chain

Chain

Unselect last

Unselect all

Chains Manager

Cutter Compensation:

Offset Side: Auto

Cutter compensation in Cnc (G41/G42) ☐

Change Post

Run Post

Show/Hide toolpaths

Line Endpoints Rectangle Circle Ct + Pt Polyline Spline TrueType
Zoom In Zoom back Zoom window Pan Redraw Top Front Side

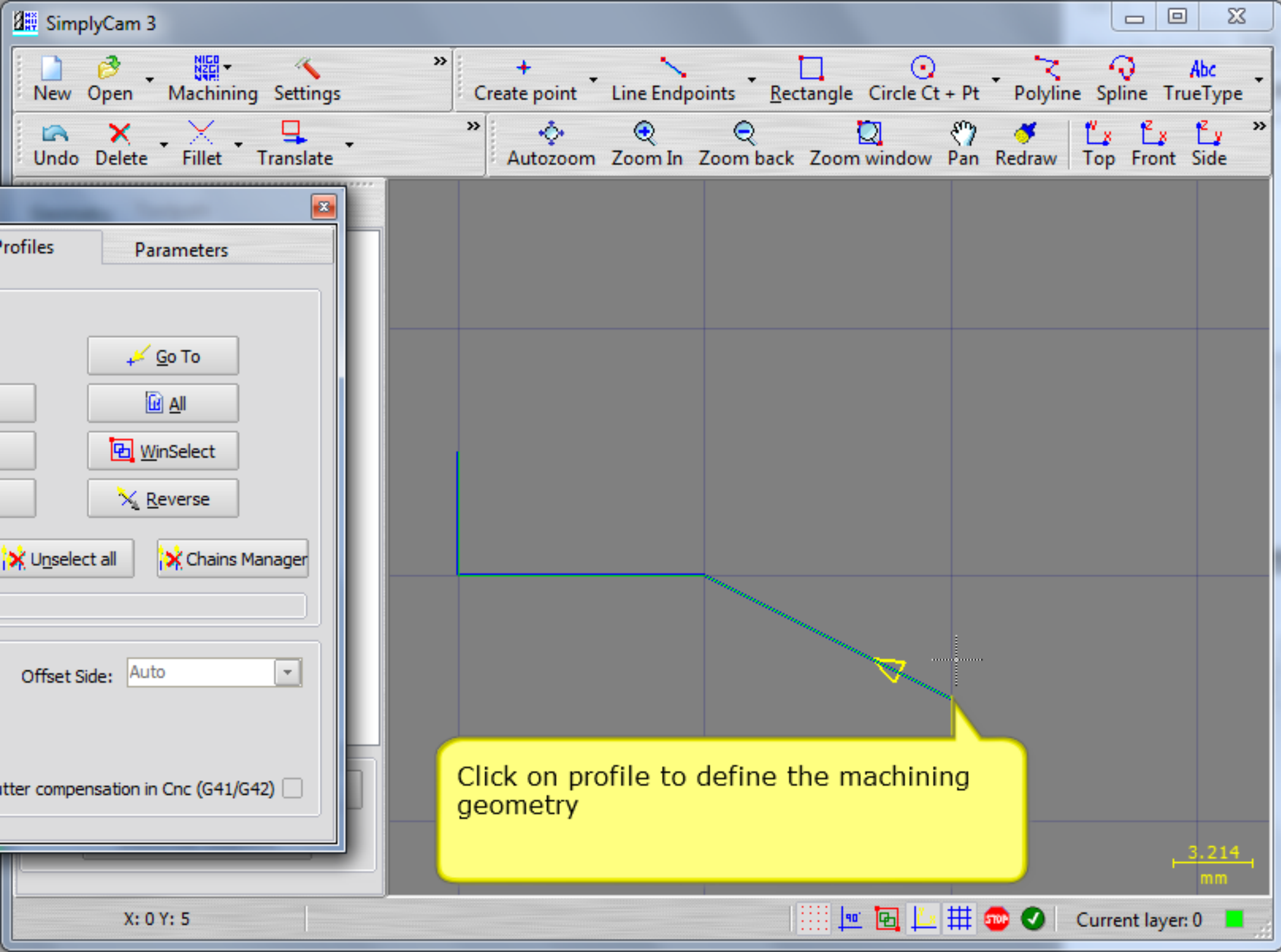
X: -15 Y: 15

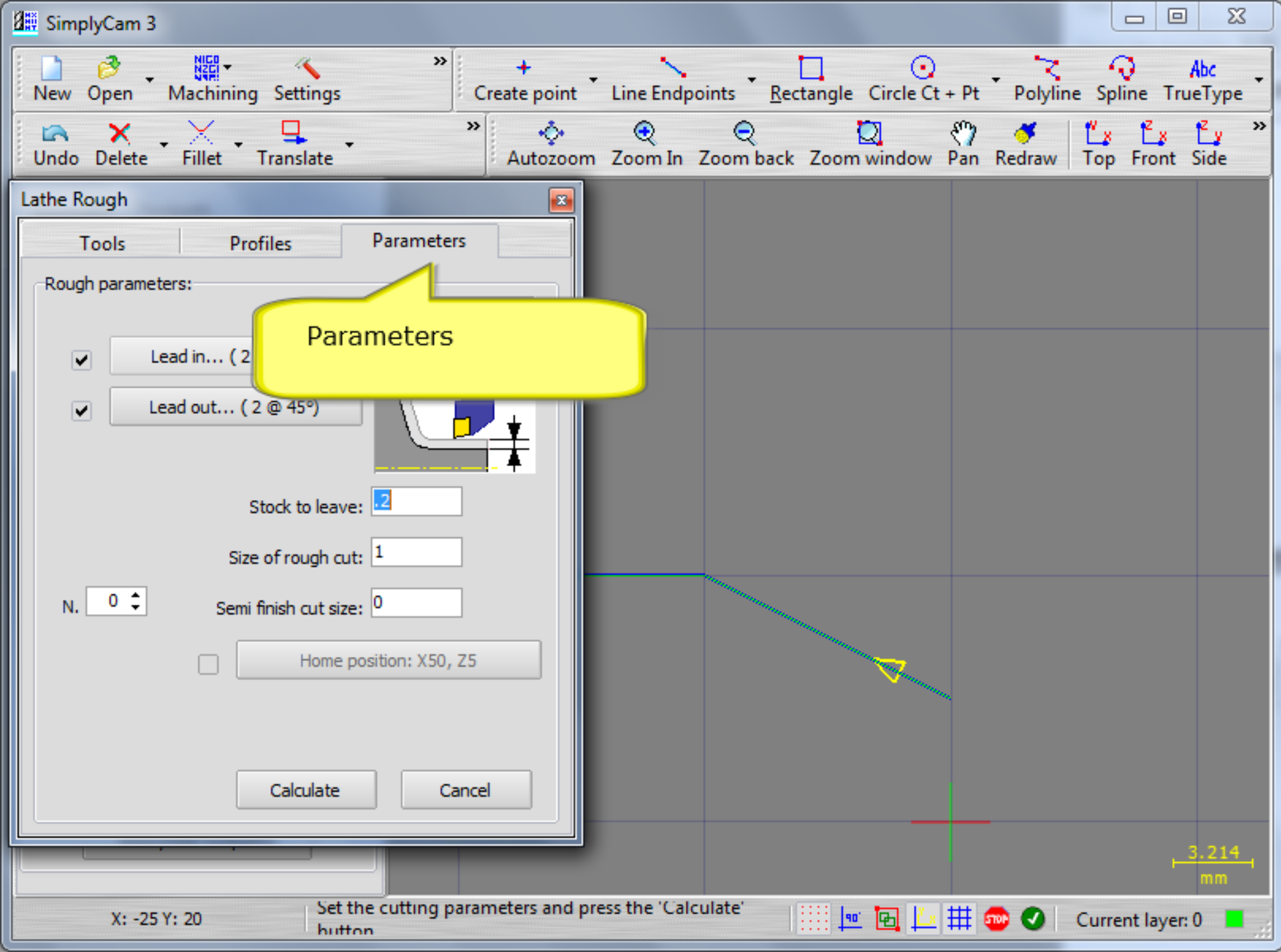
Select the profile, cutter compensation and Entry/Exit

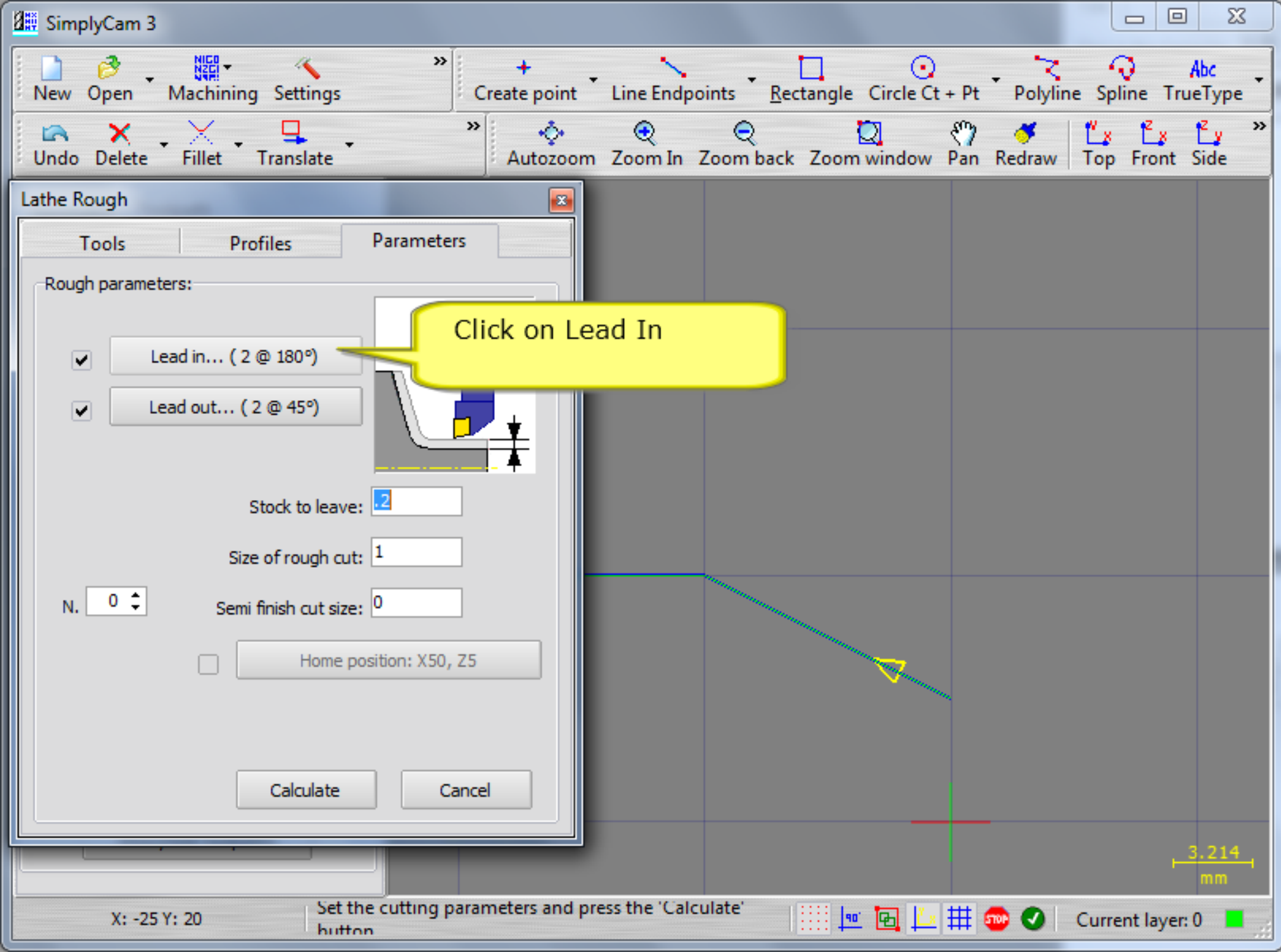


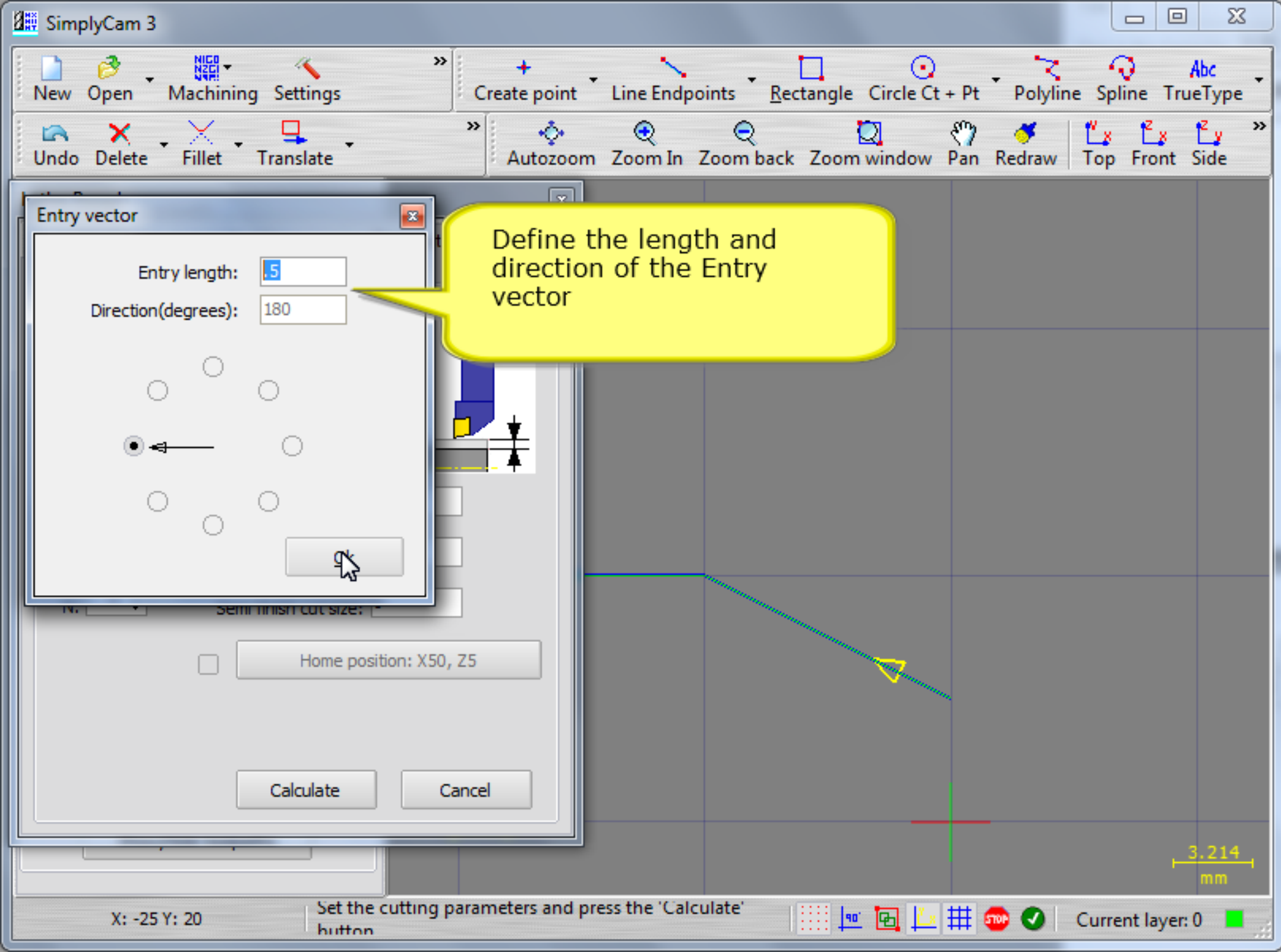
Current layer: 0

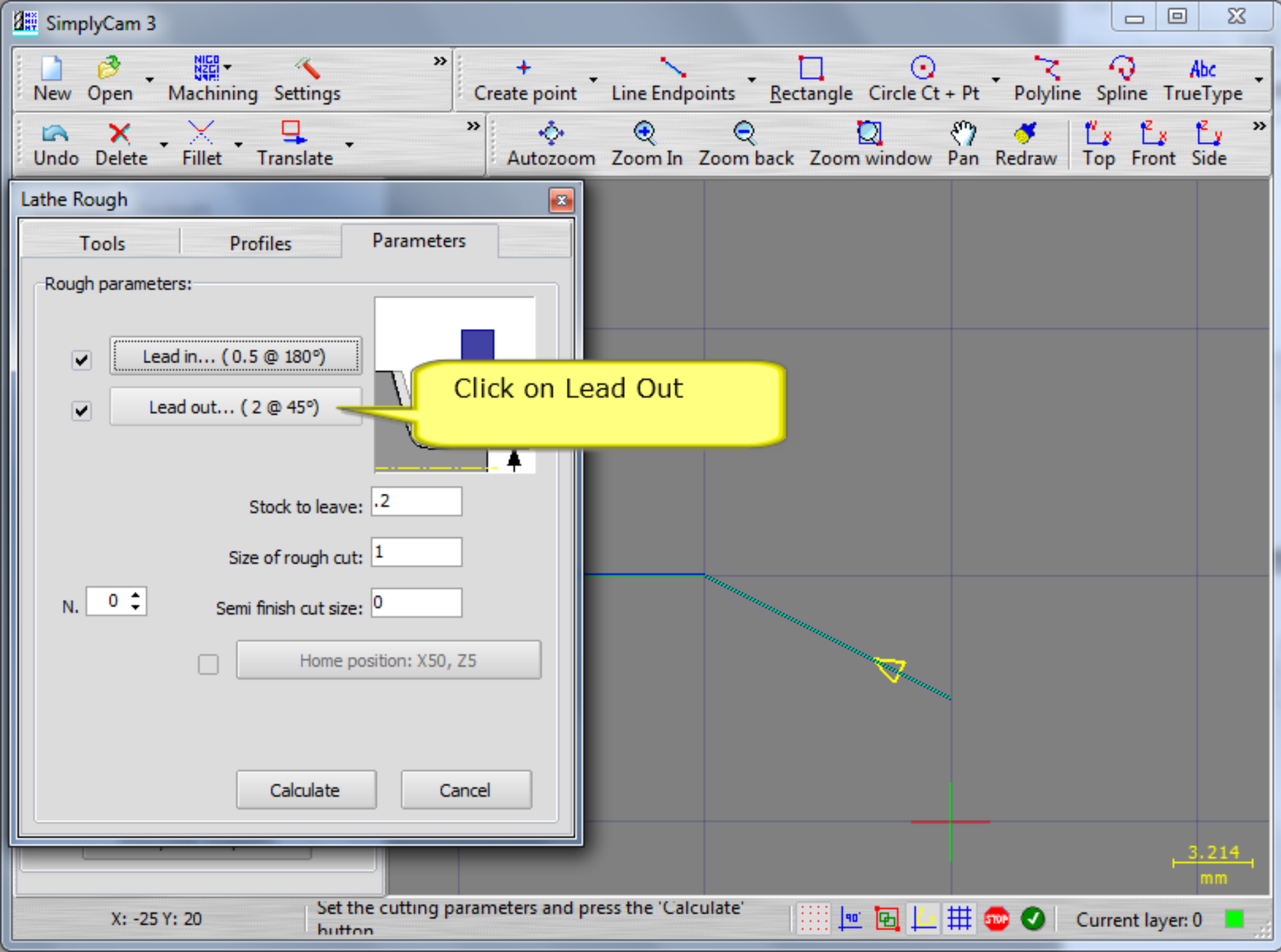


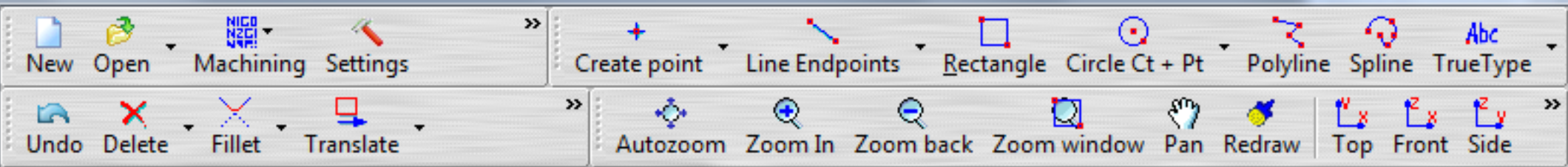








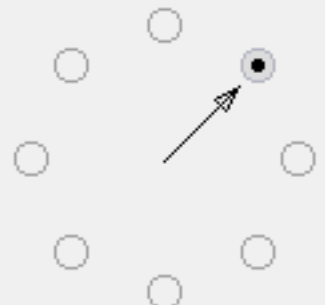




Exit vector

Exit length:

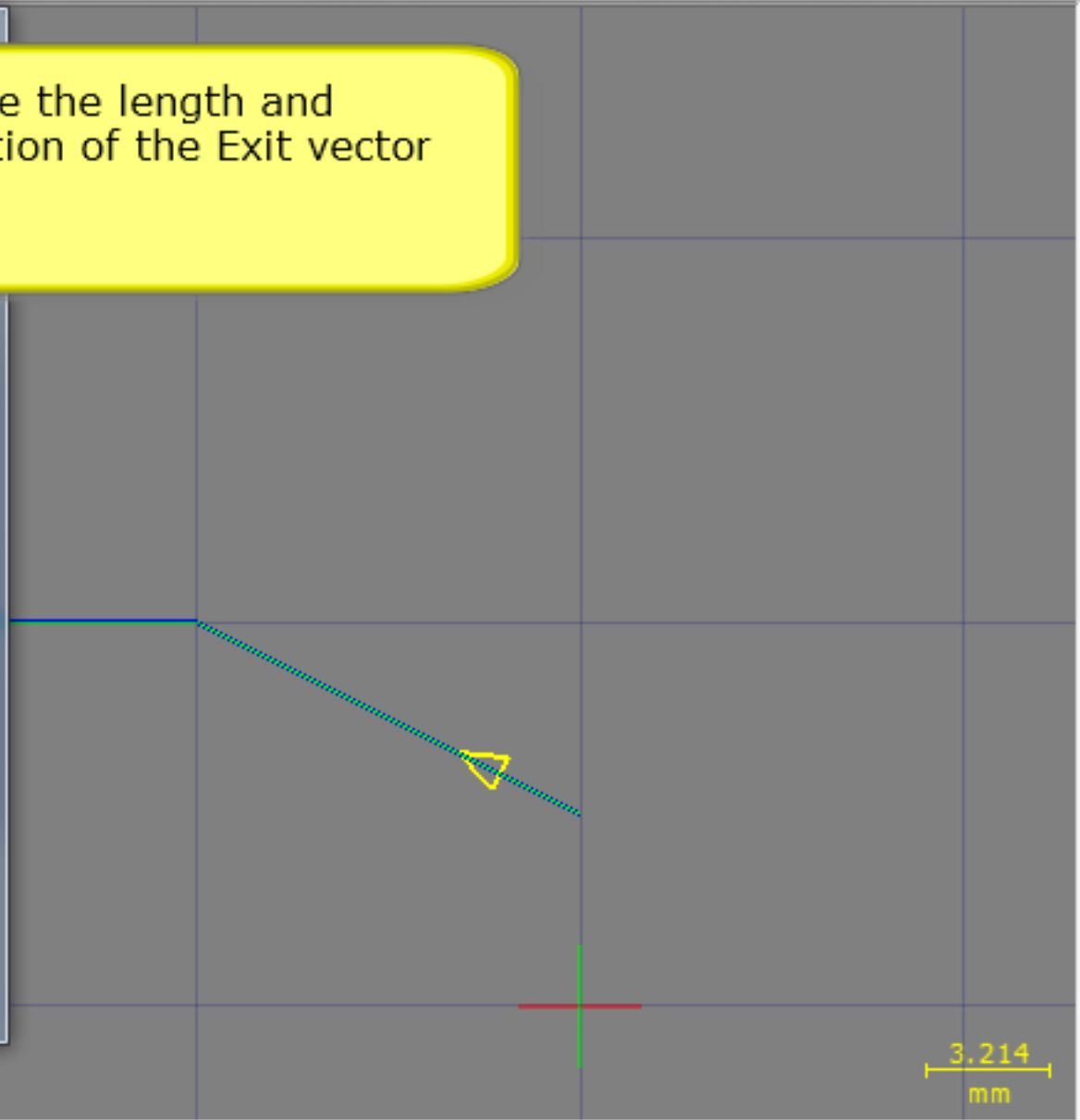
Direction(degrees):



Define the length and direction of the Exit vector

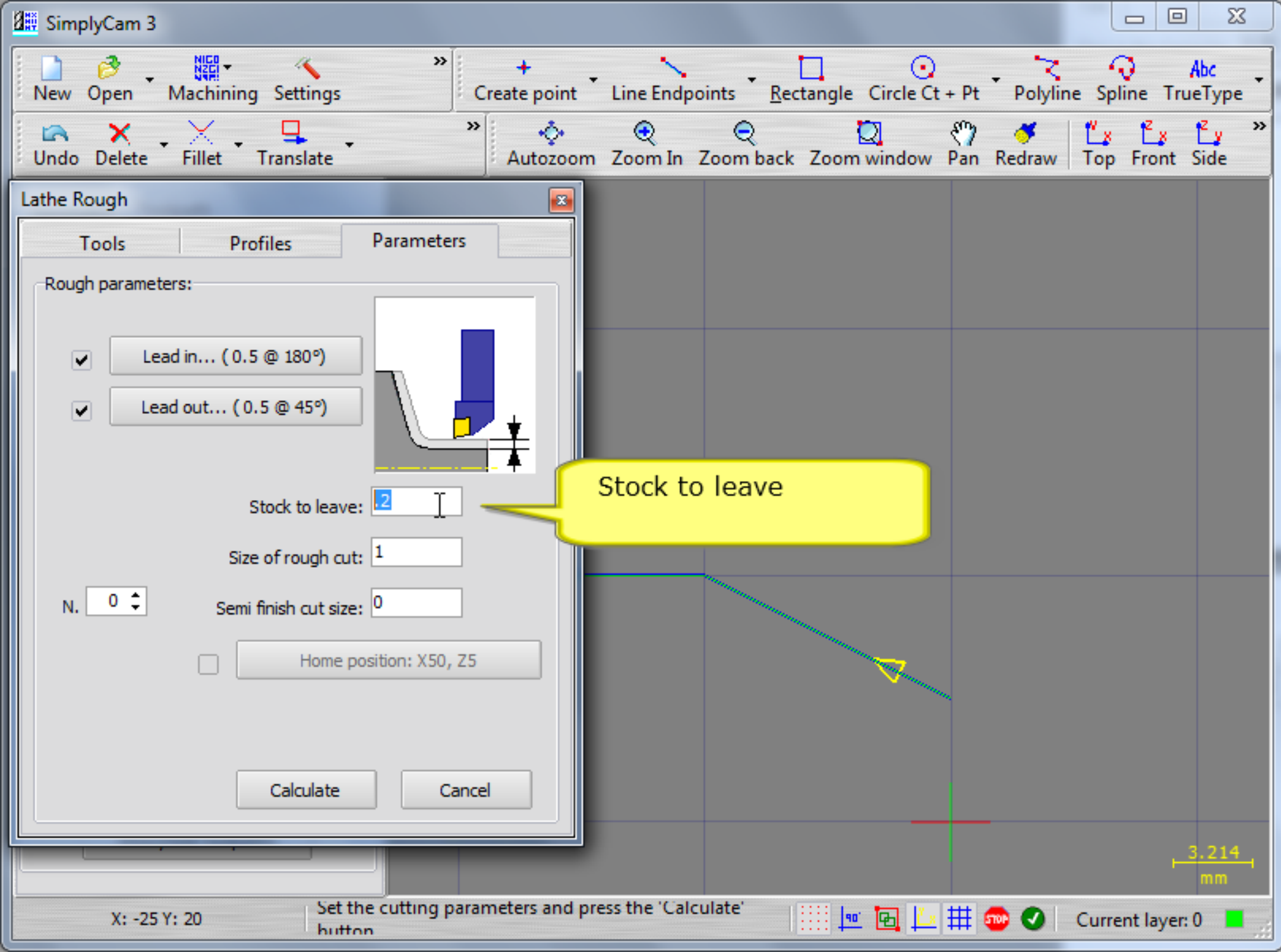
Semi finish cut size:

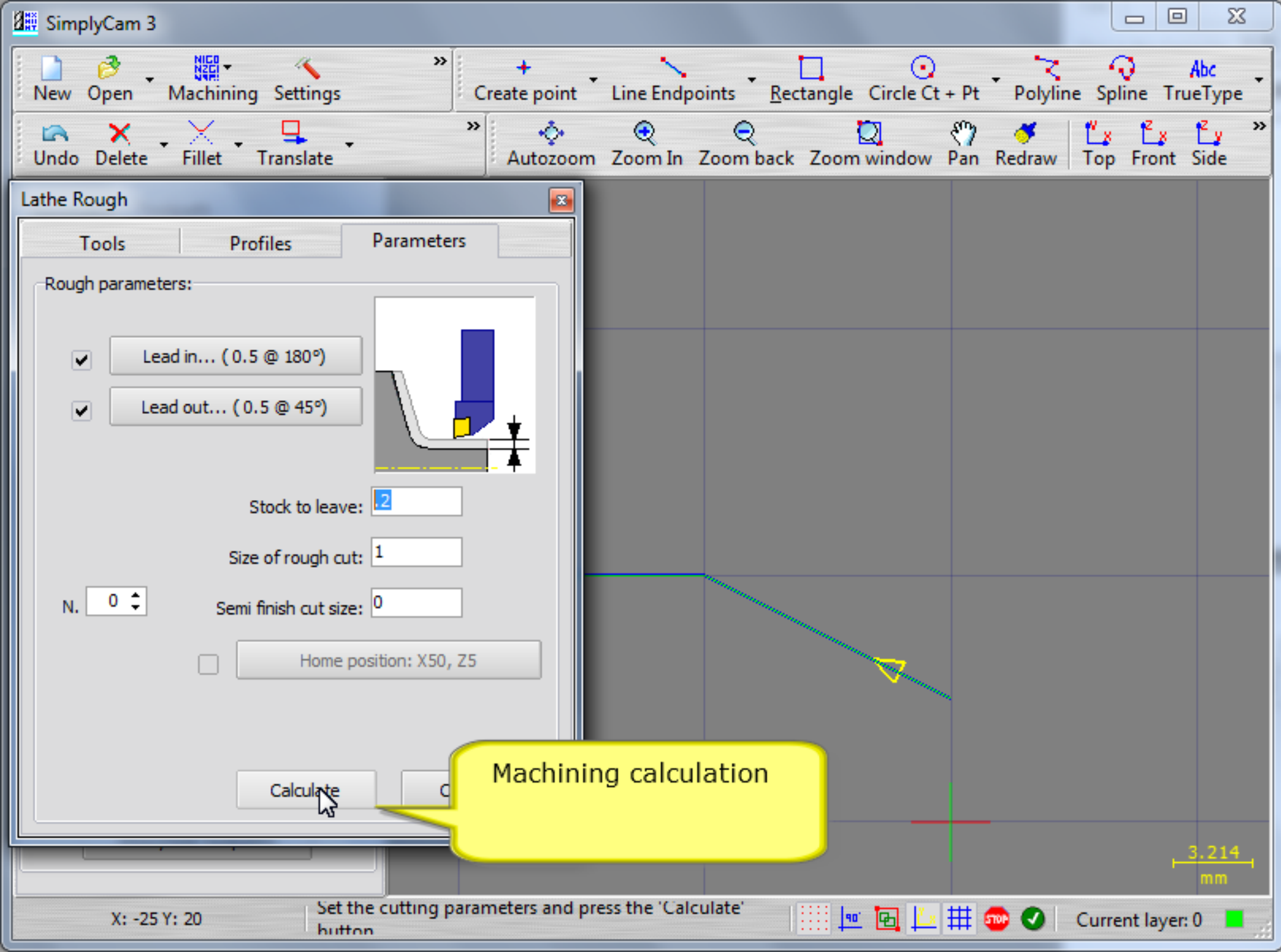
☐ Home position: X50, Z5

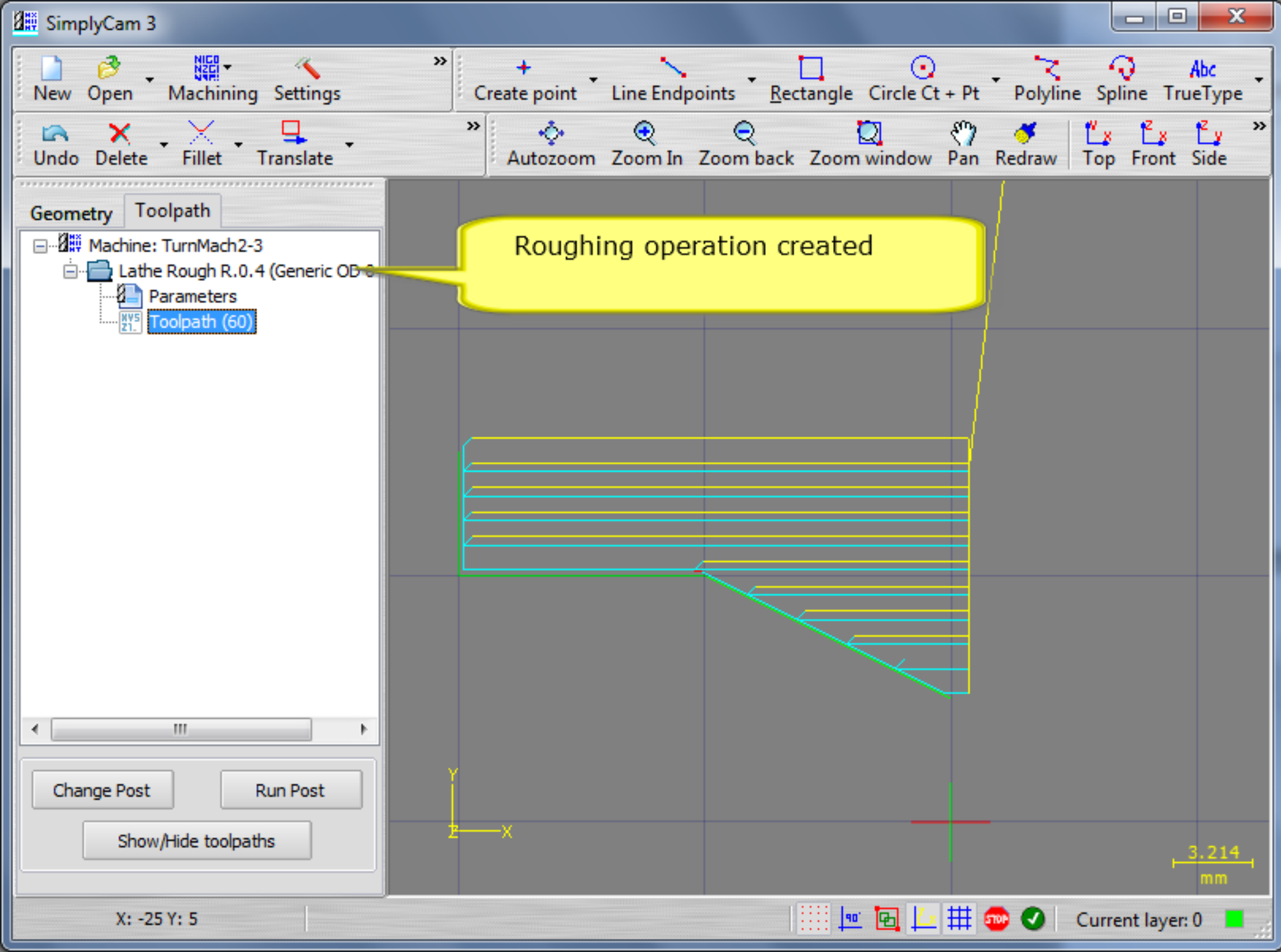


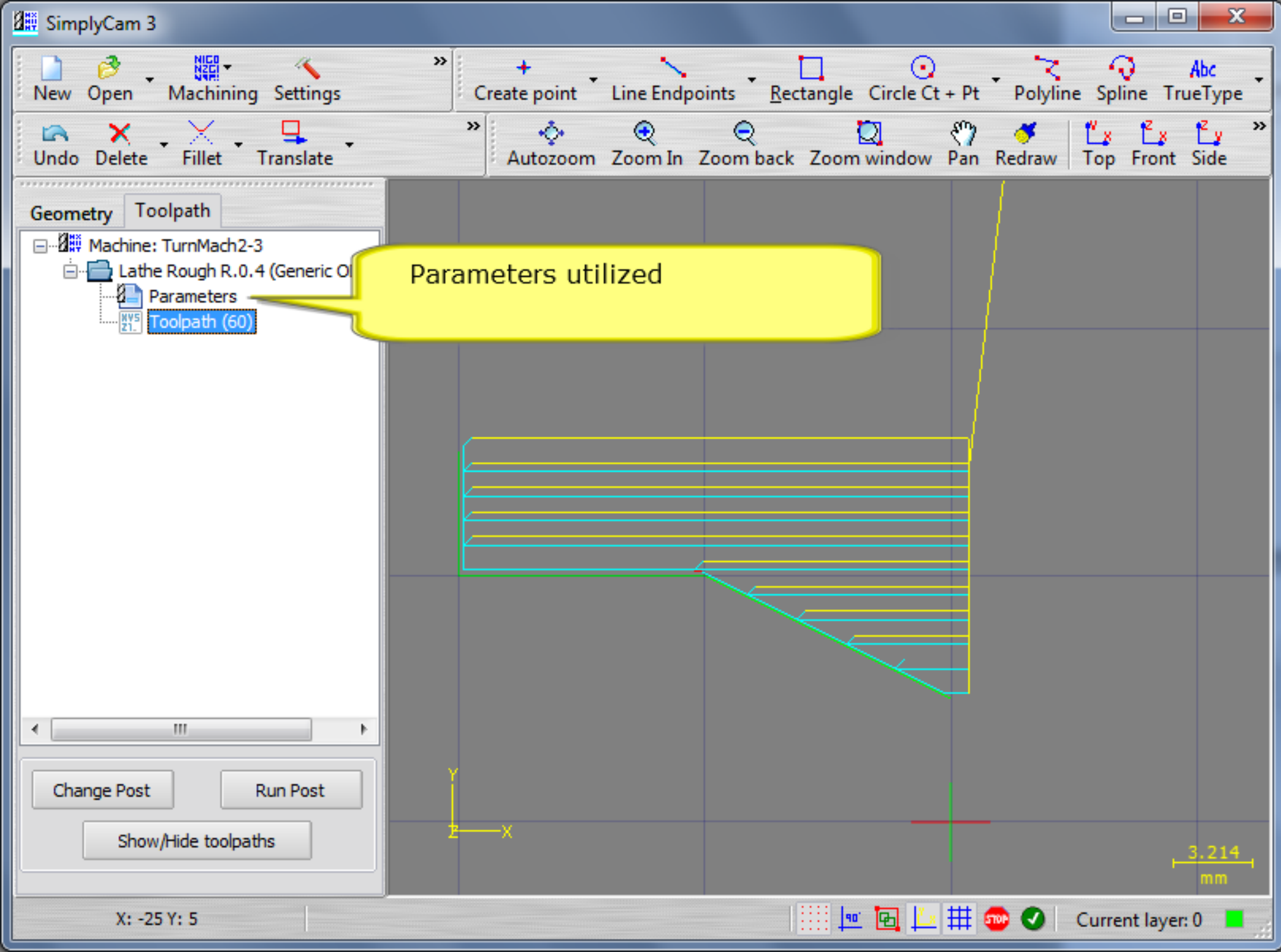
X: -25 Y: 20

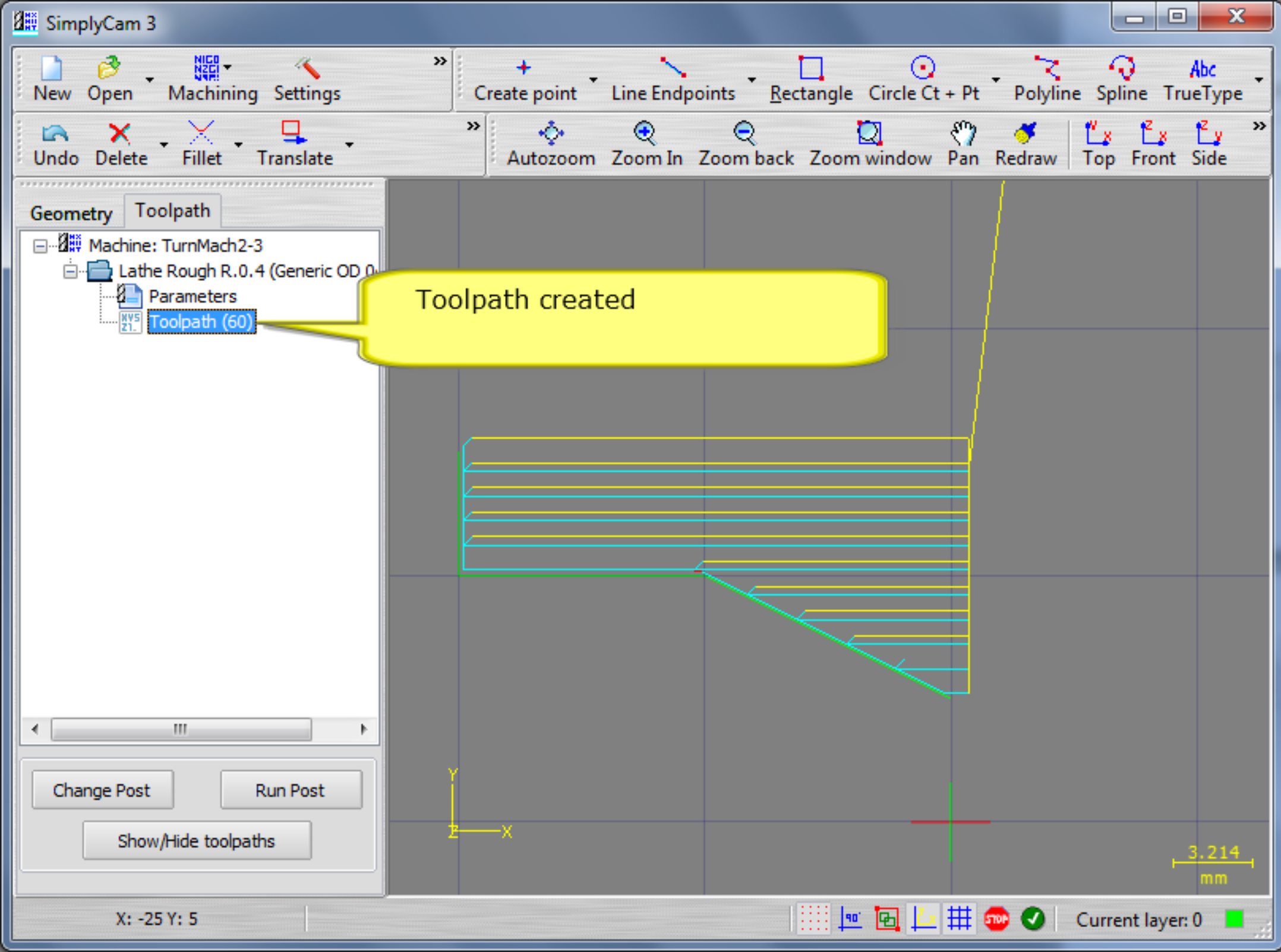
Set the cutting parameters and press the 'Calculate' button

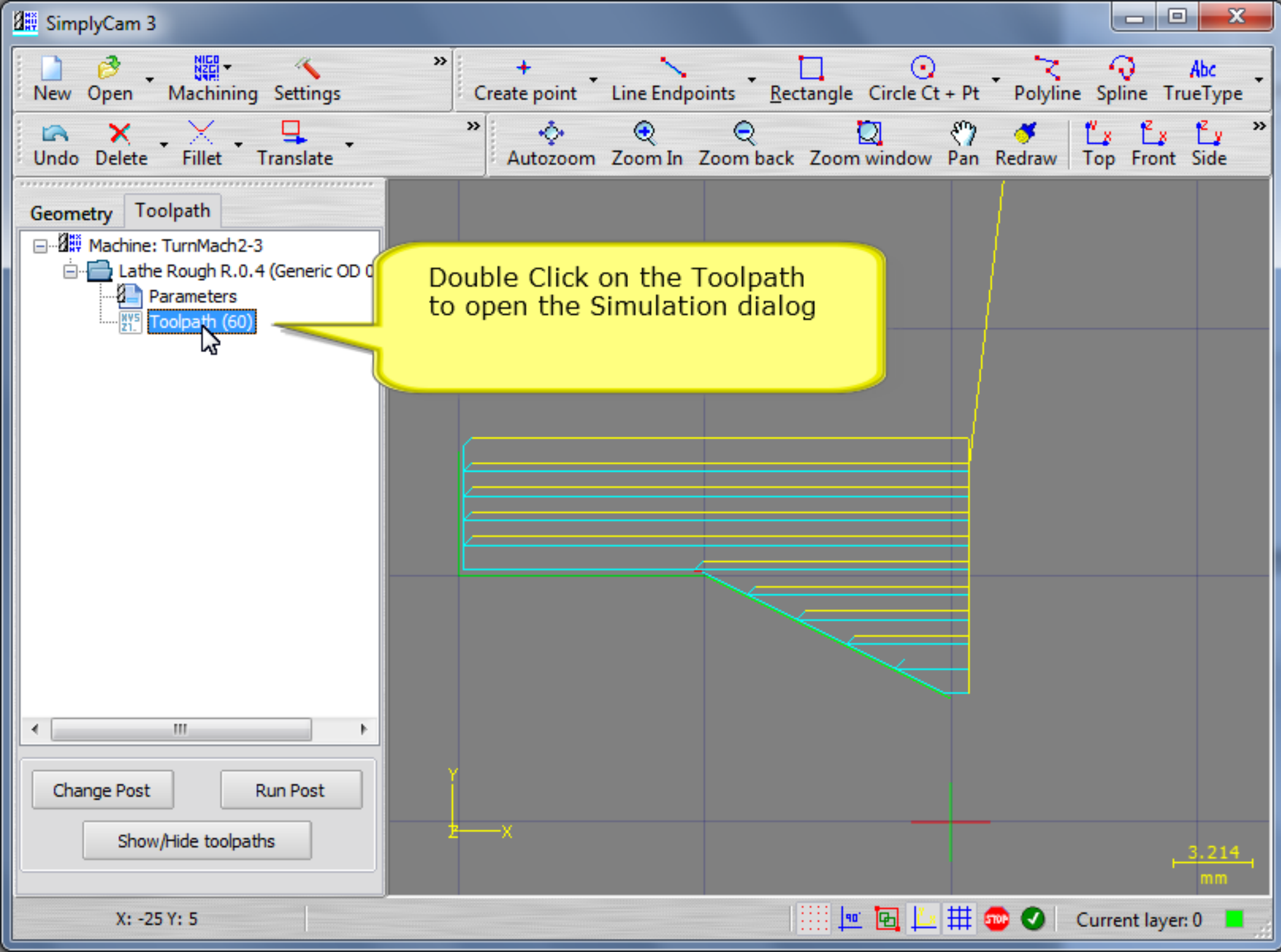


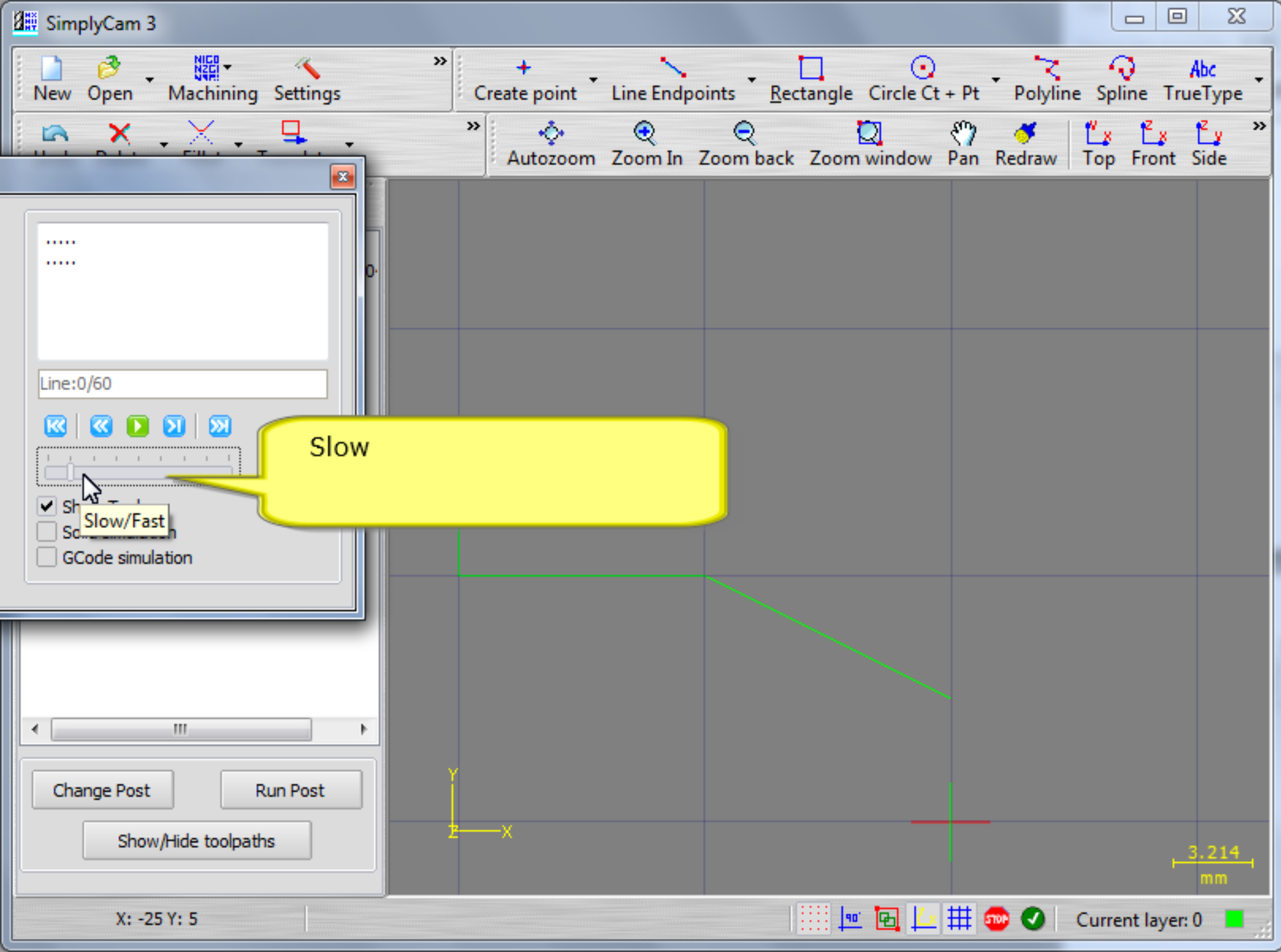












New Open Machining Settings

Create point Line Endpoints Rectangle Circle Ct + Pt Polyline Spline TrueType

Autozoom Zoom In Zoom back Zoom window Pan Redraw Top Front Side

Line: 10/60



Play / Stop

Play.....

- ☒ Show Tool
- ☐ Solid simulation
- ☐ GCode simulation

Change Post

Run Post

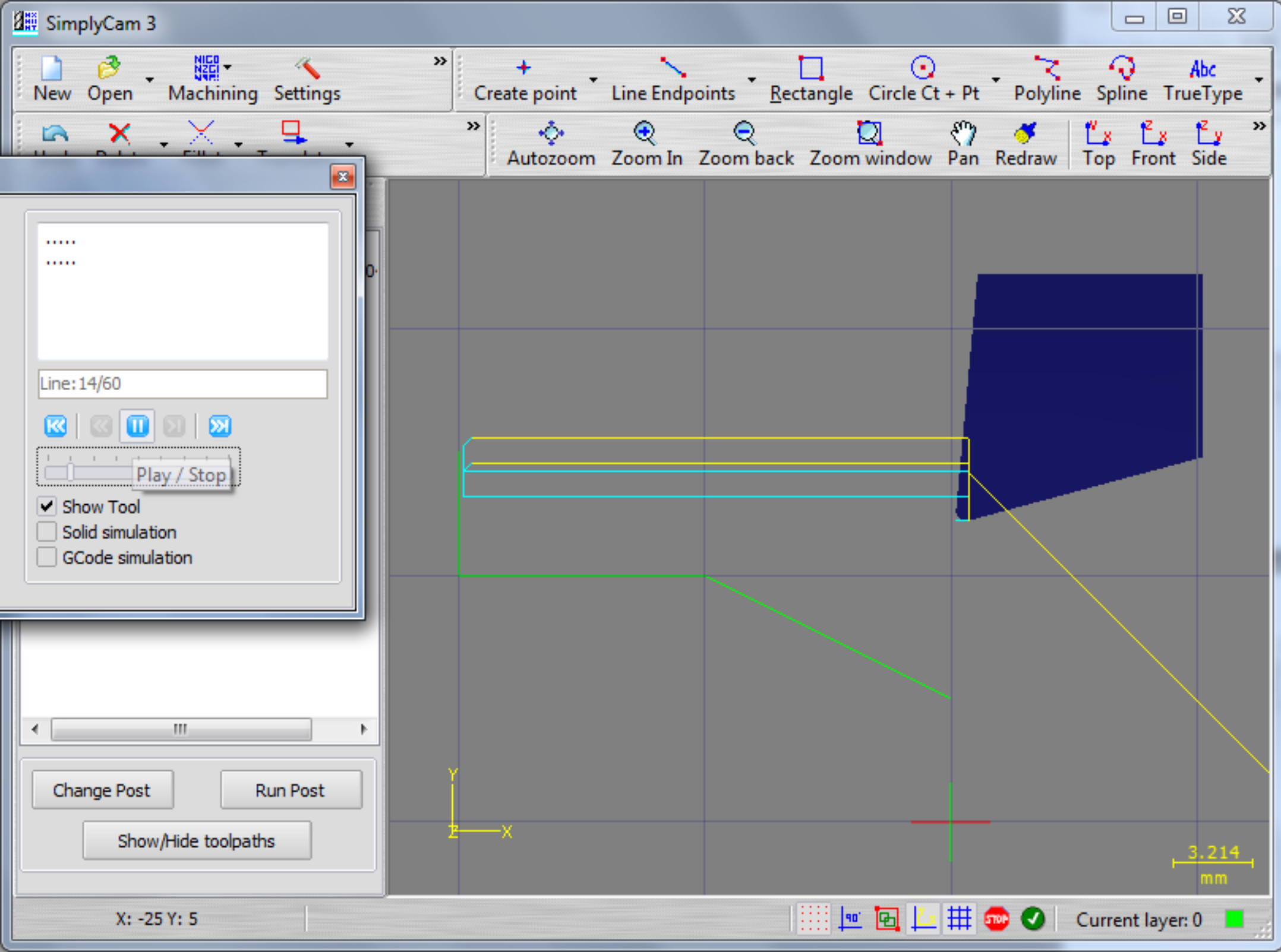
Show/Hide toolpaths

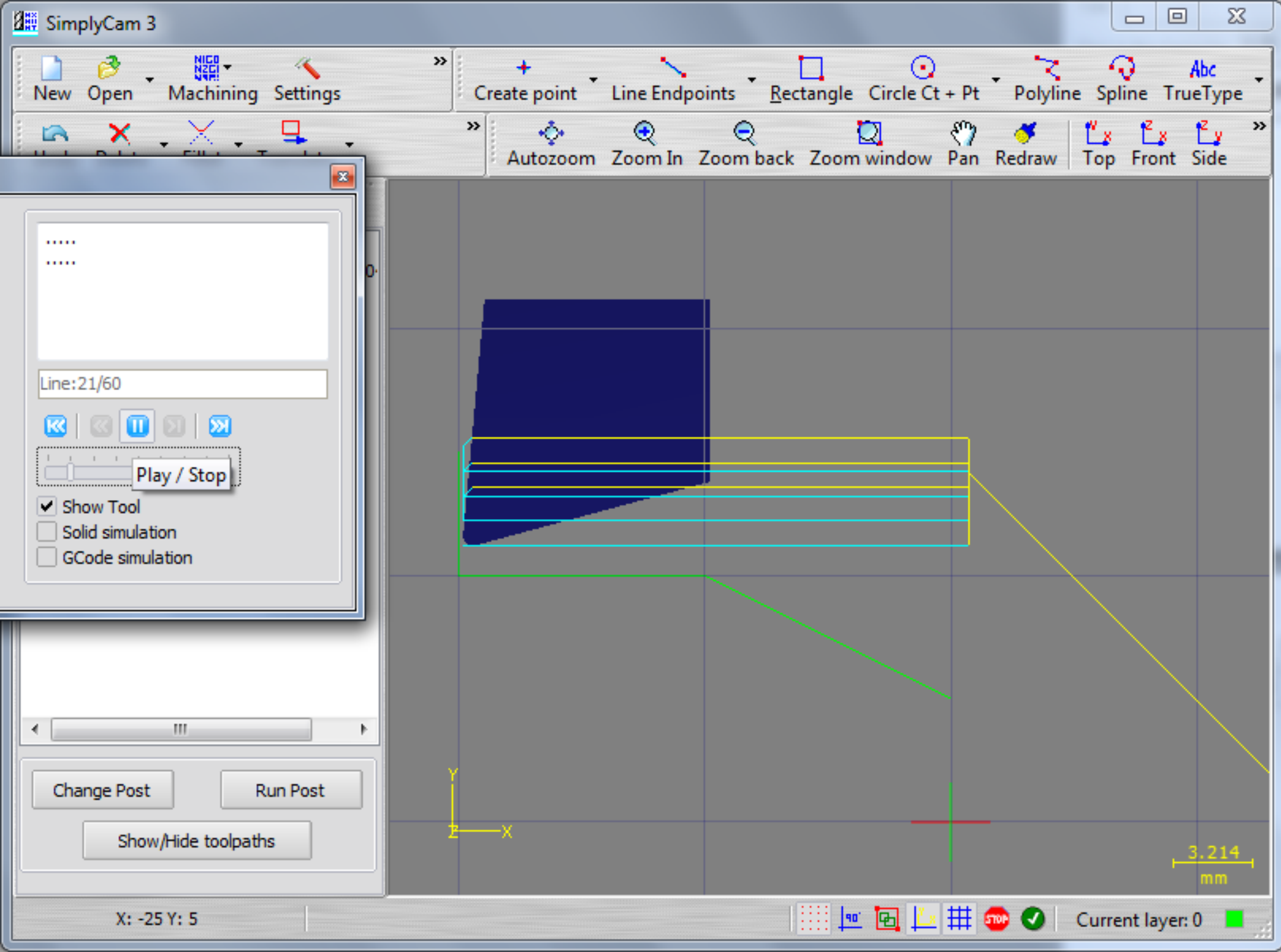
X: -25 Y: 5

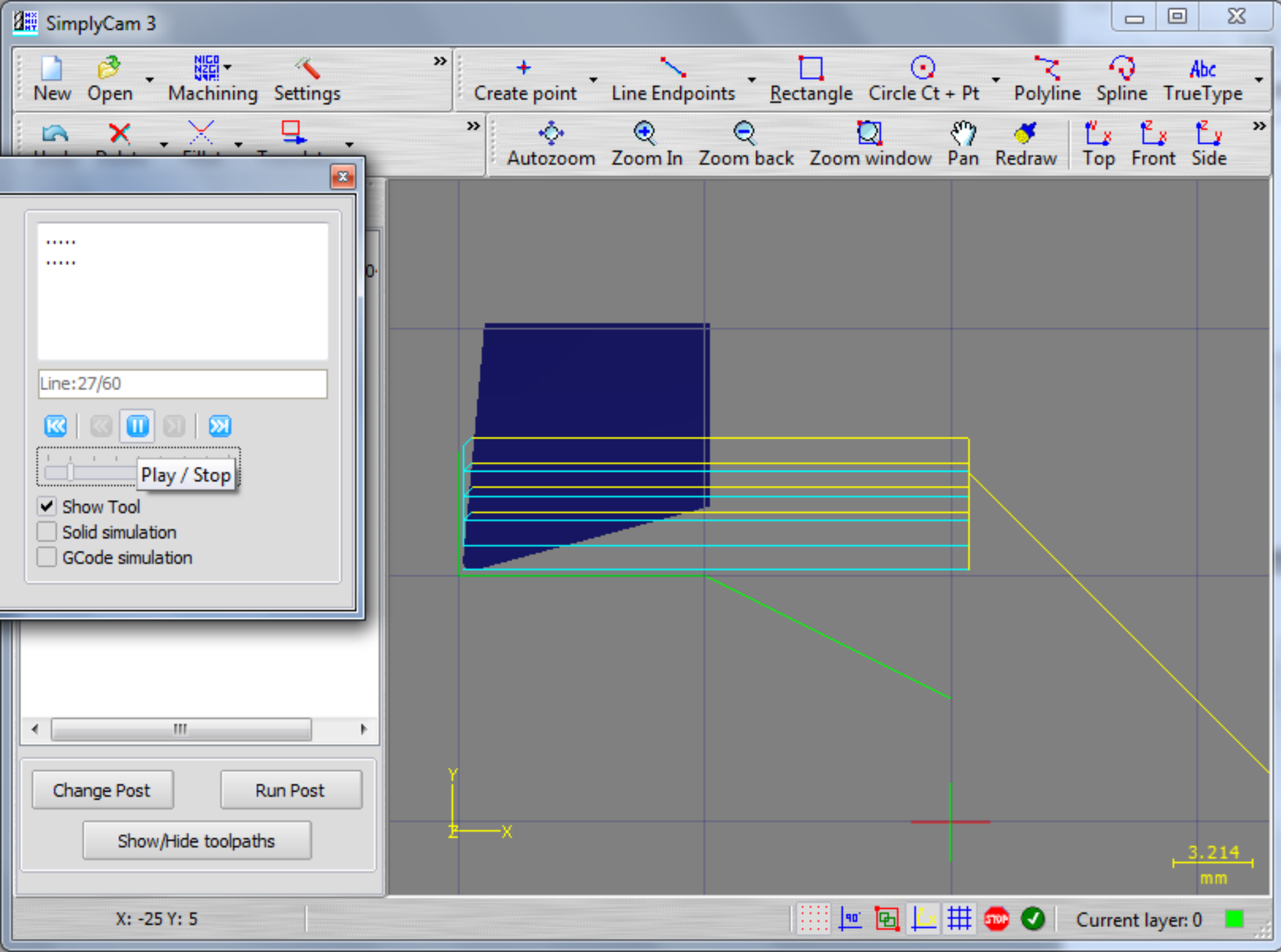


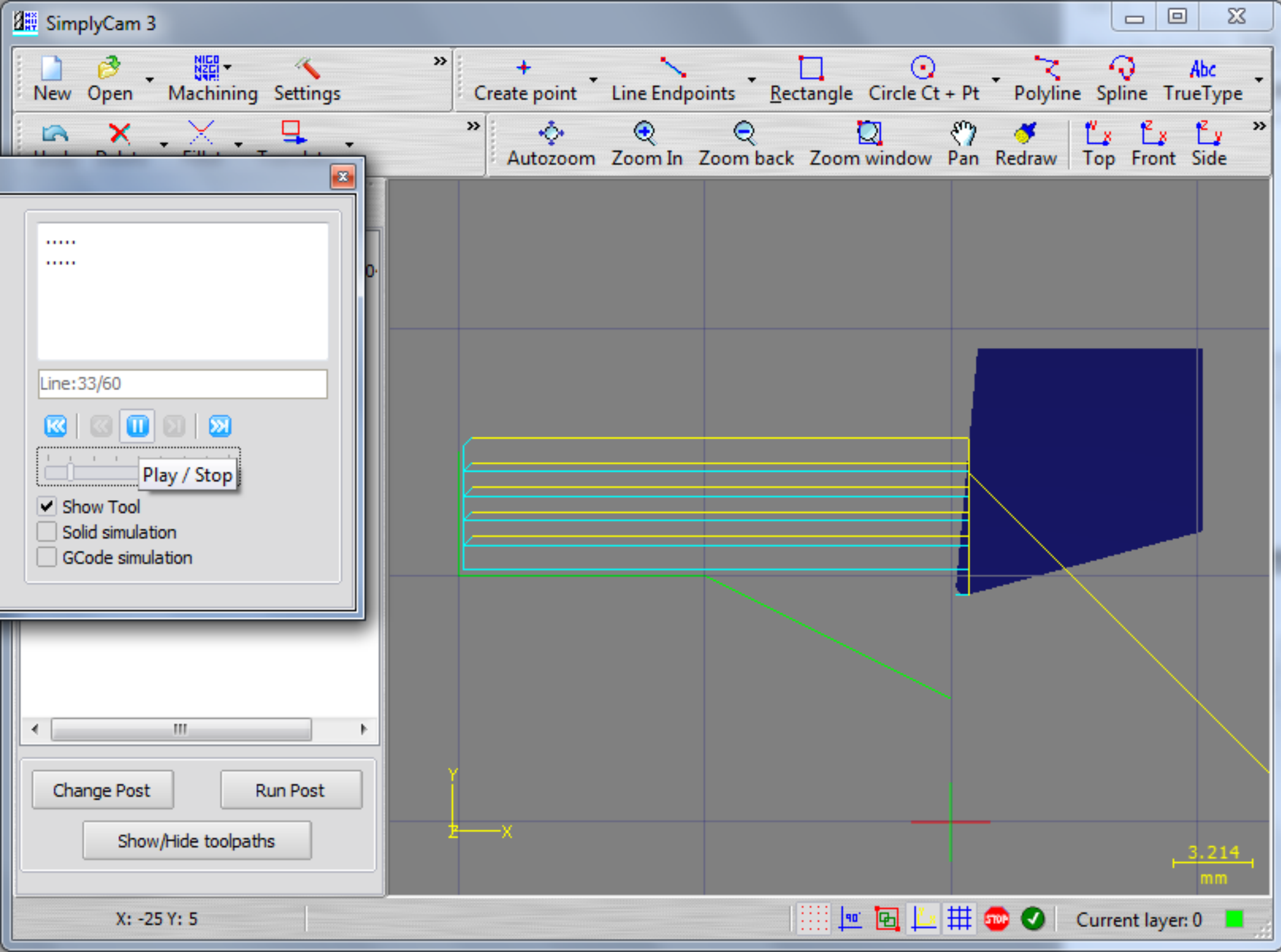
Current layer: 0

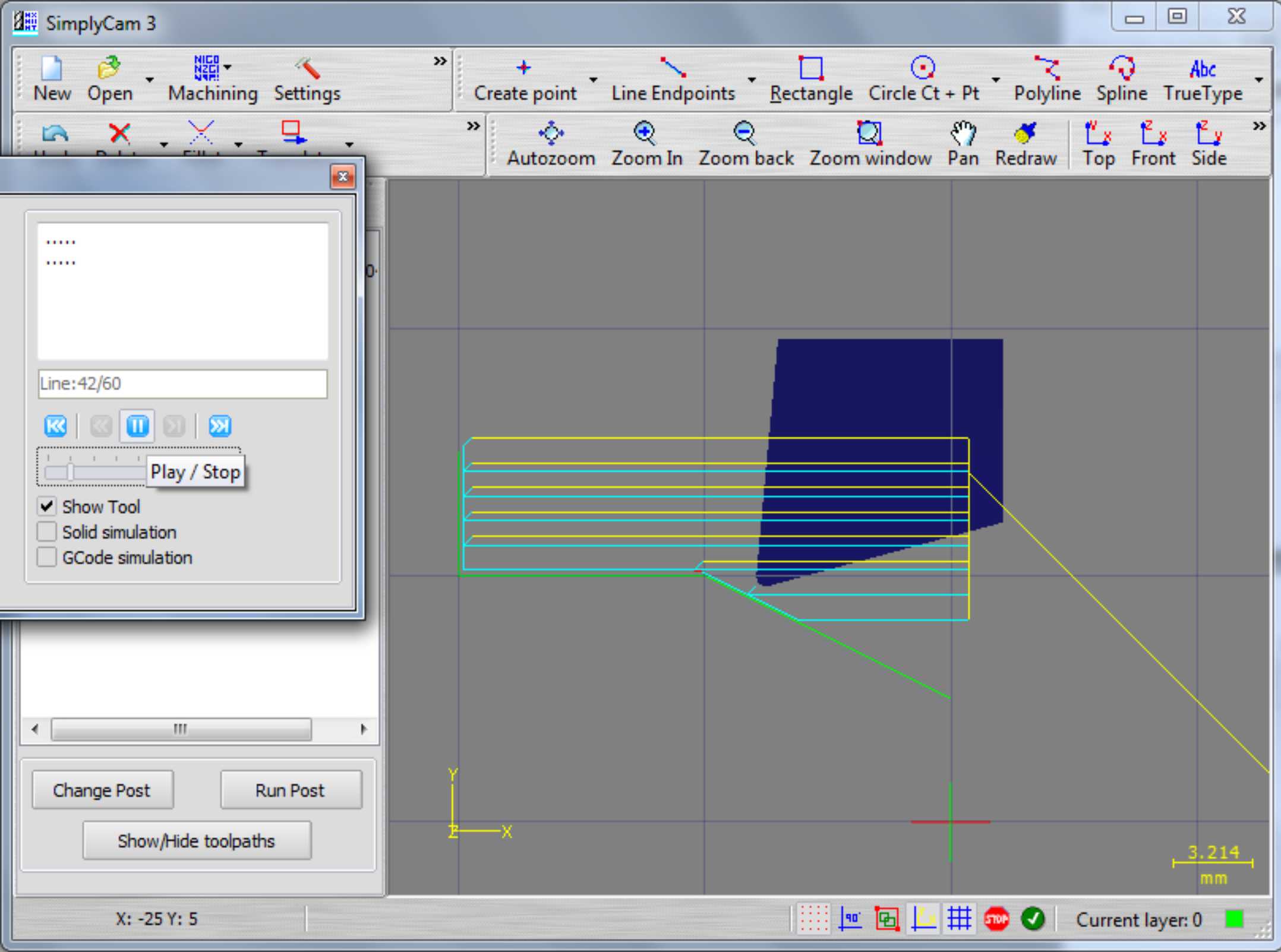


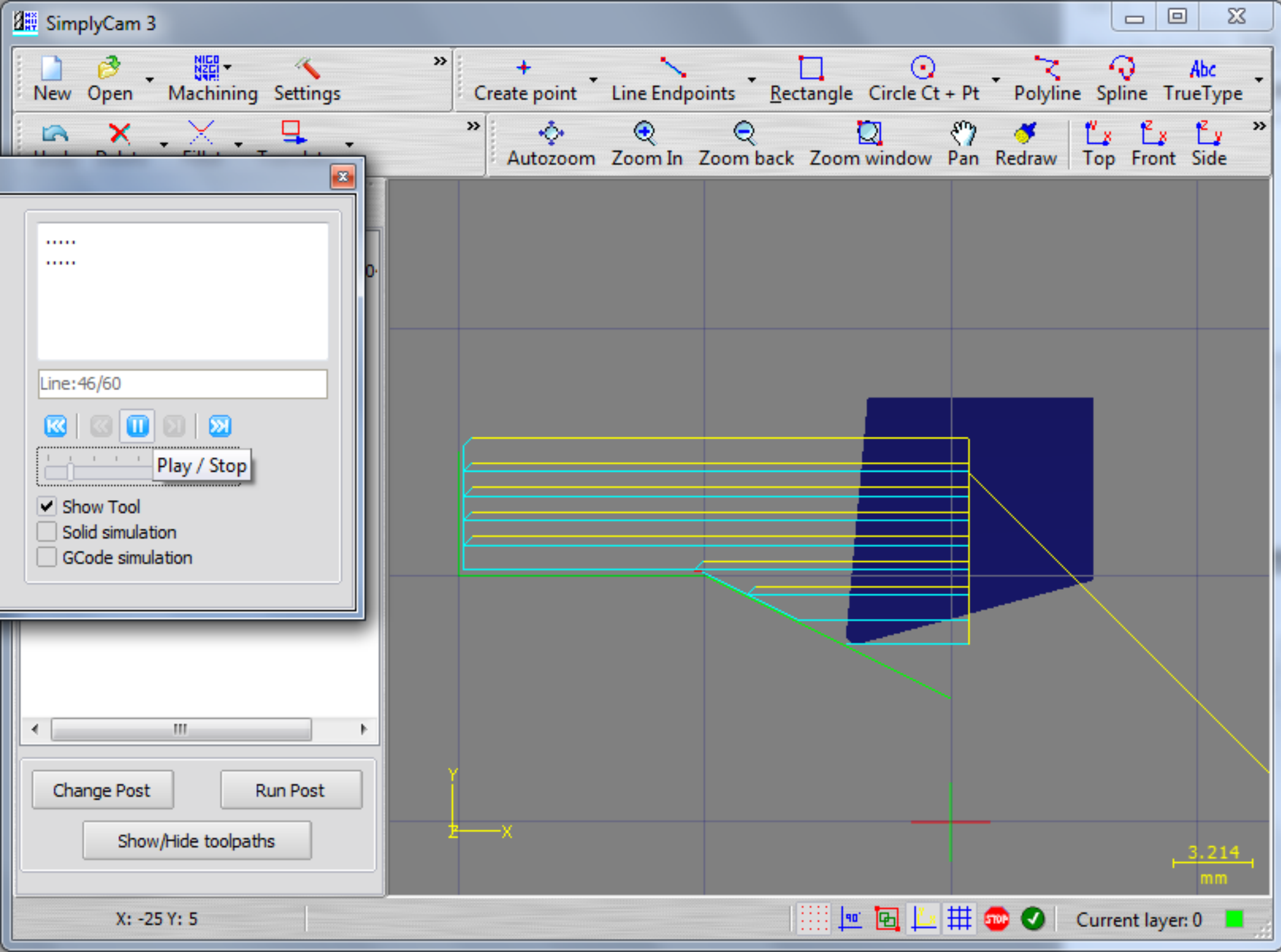


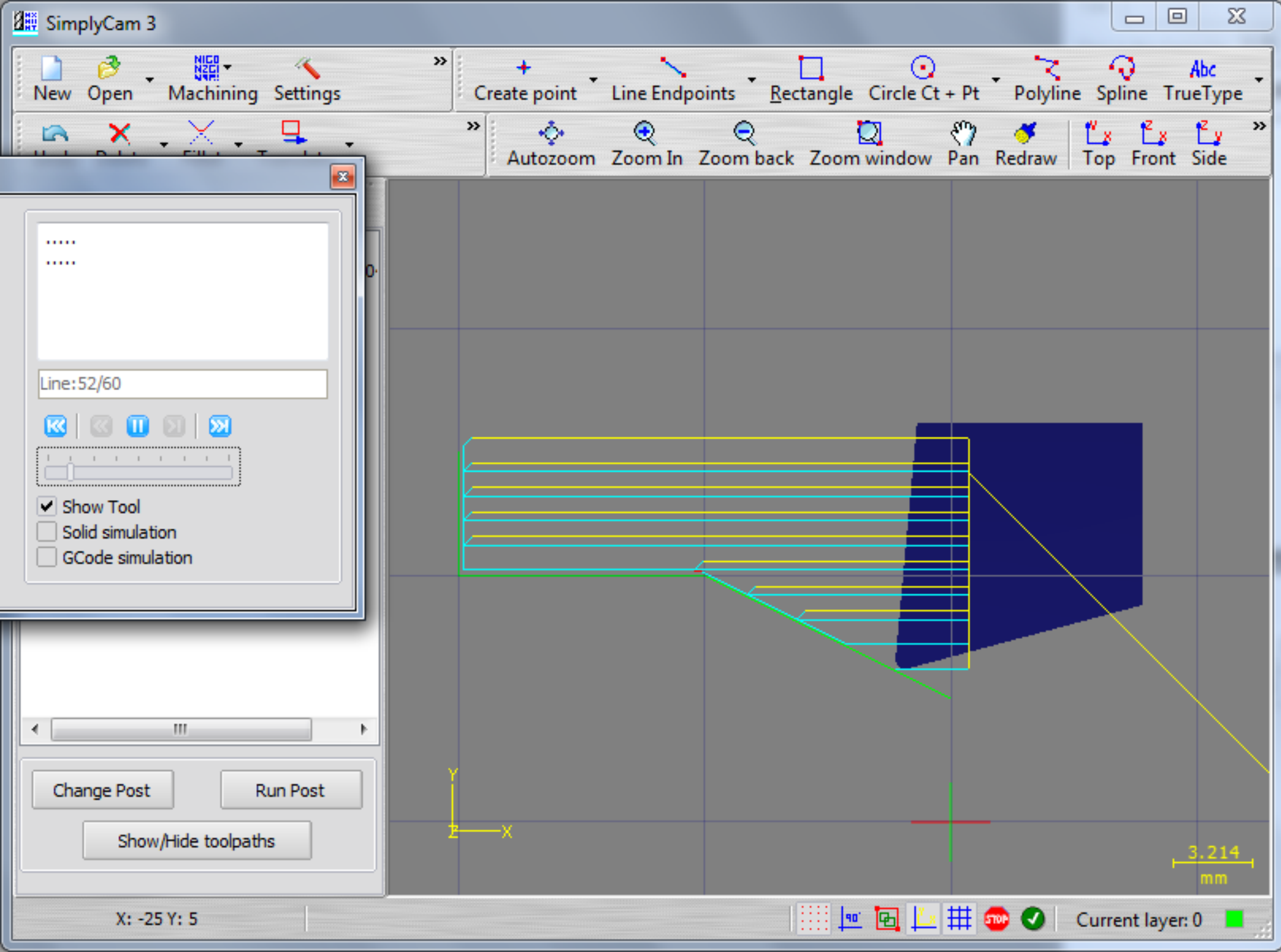


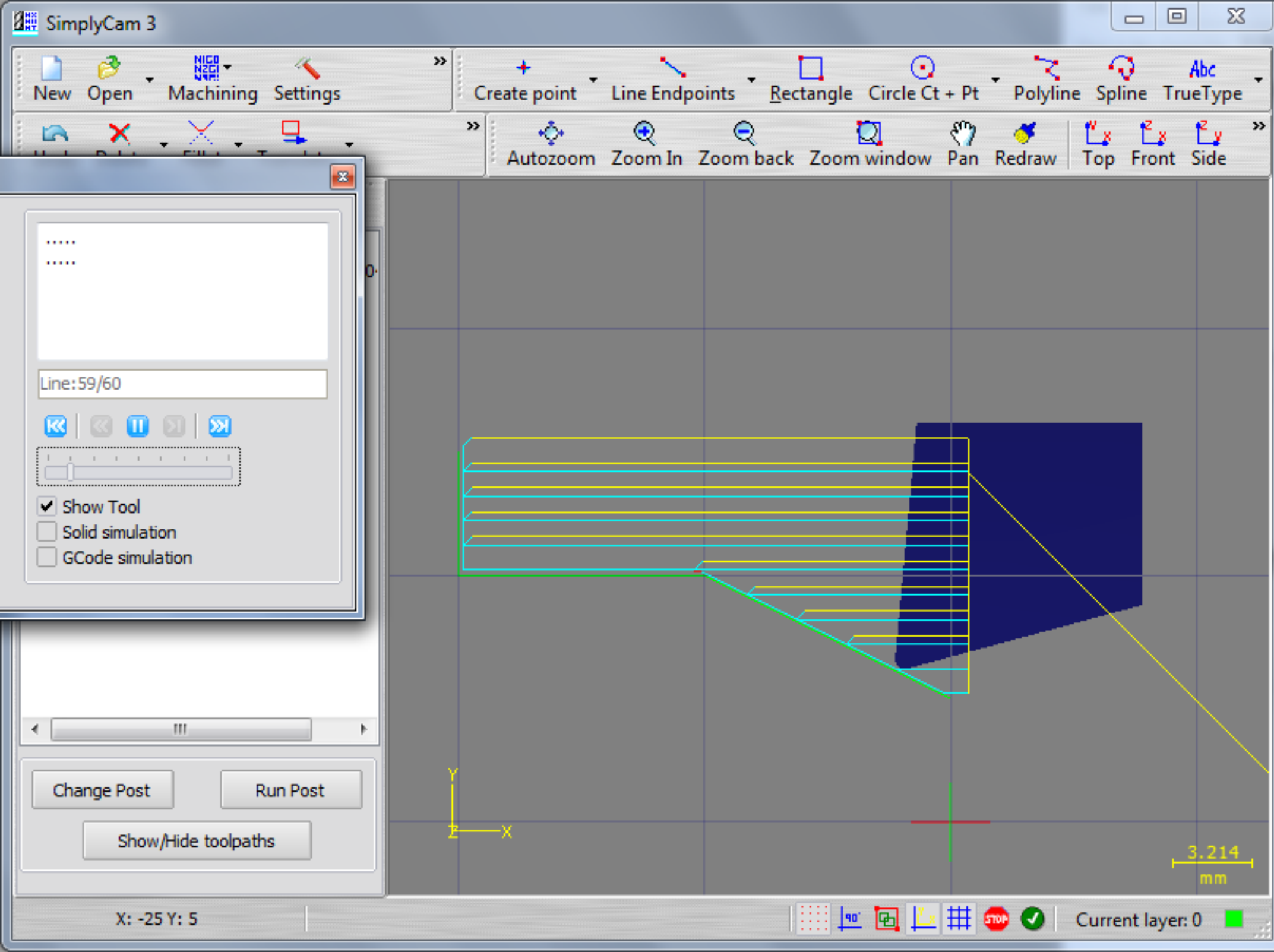


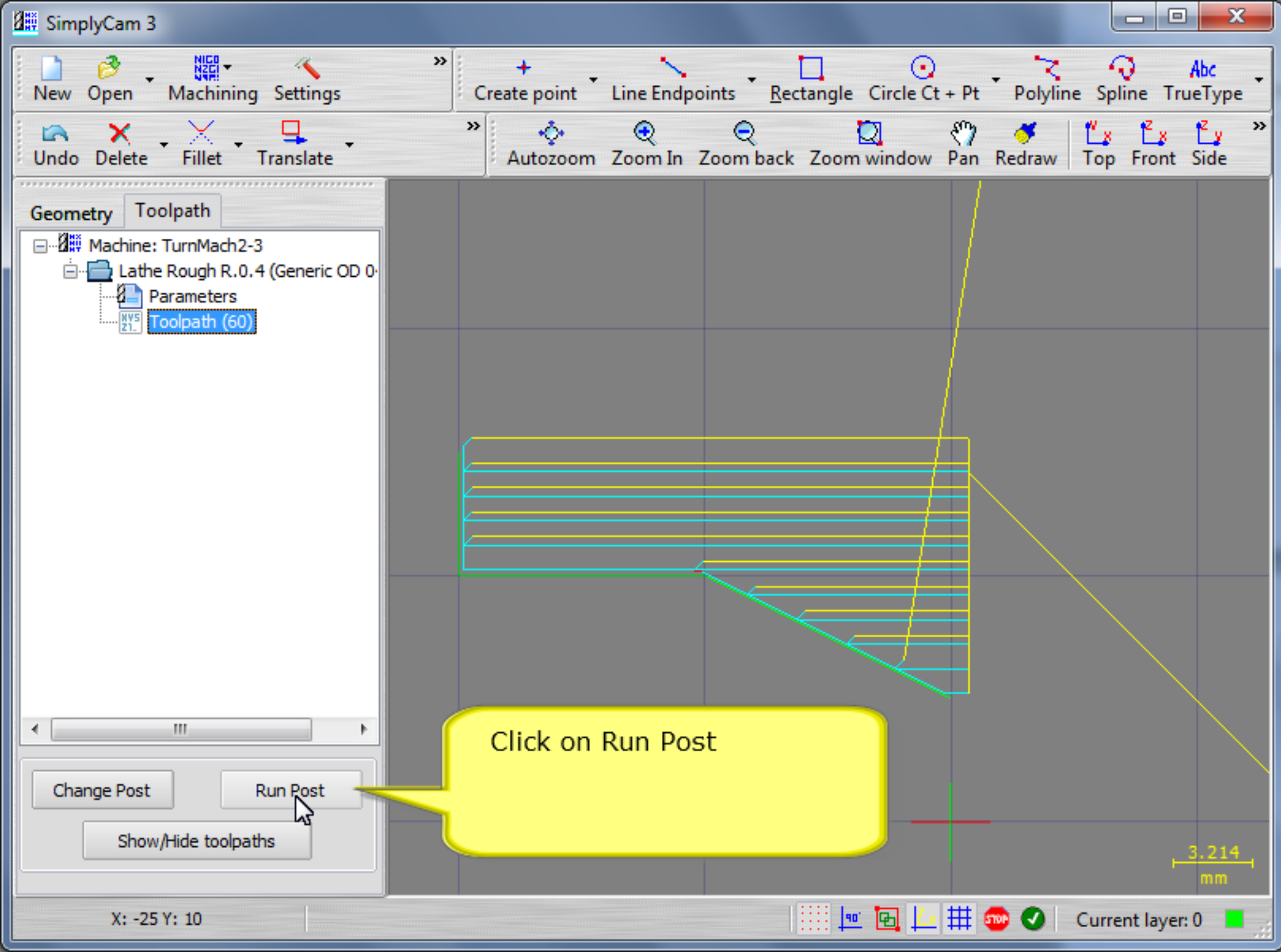












Save in: gcode

Name	Date modified	Type
sampleGCode.nc	05/04/2015 19:52	CNC Synt
t.nc	30/07/2015 18:47	CNC Synt
tornio.nc	28/07/2015 21:11	CNC Synt
tornio1.nc	28/07/2015 22:43	CNC Synt
tt.nc	29/07/2015 22:18	CNC Synt

File name:

test

Save as type:

GCode files (*.nc)

Save

Cancel

Type the name of the
G-Code file and click on Save

Change Post

Run Post

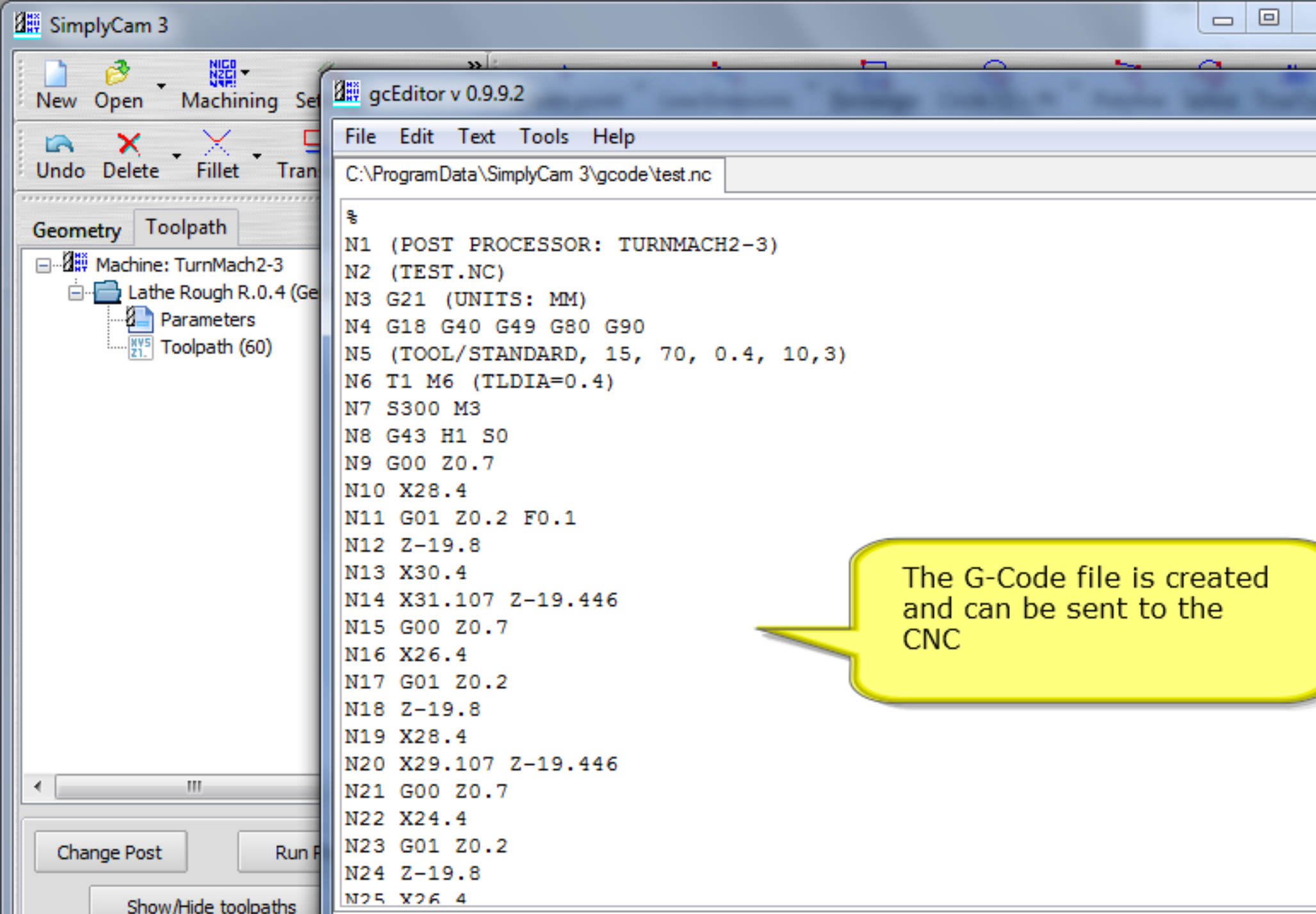
Show/Hide toolpaths

X: -25 Y: 10



Current layer: 0





gcEditor v 0.9.9.2

File Edit Text Tools Help

C:\ProgramData\SimplyCam 3\gcode\test.nc

```
%  
N1 (POST PROCESSOR: TURNMACH2-3)  
N2 (TEST.NC)  
N3 G21 (UNITS: MM)  
N4 G18 G40 G49 G80 G90  
N5 (TOOL/STANDARD, 15, 70, 0.4, 10,3)  
N6 T1 M6 (TLDIA=0.4)  
N7 S300 M3  
N8 G43 H1 S0  
N9 G00 Z0.7  
N10 X28.4  
N11 G01 Z0.2 F0.1  
N12 Z-19.8  
N13 X30.4  
N14 X31.107 Z-19.446  
N15 G00 Z0.7  
N16 X26.4  
N17 G01 Z0.2  
N18 Z-19.8  
N19 X28.4  
N20 X29.107 Z-19.446  
N21 G00 Z0.7  
N22 X24.4  
N23 G01 Z0.2  
N24 Z-19.8  
N25 X26.4
```

The G-Code file is created
and can be sent to the
CNC