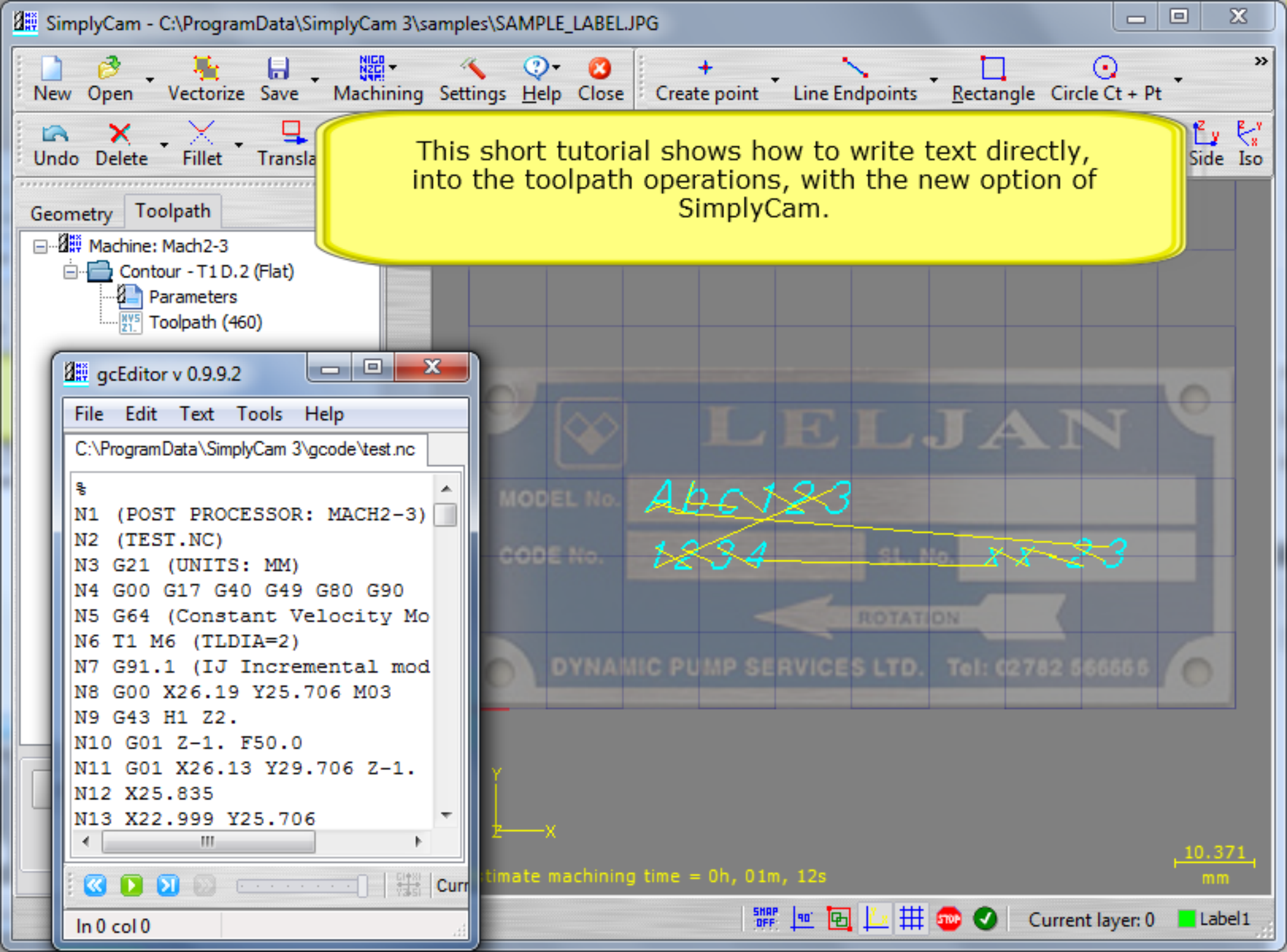




New Open Vectorize Save Machining Settings Help Close Create point Line Endpoints Rectangle Circle Ct + Pt

Open

Geometry Toolpath

Geometry

Open

Look in: samples

Recent Places

Desktop

Libraries

Computer

Network

Name

LatheSampleRouFin.DXF
LatheSampleRouFin.SNC
LatheSampleRough.SNC
PIZZALED.JPG
SAMPLE_CONTOUR.DXF
Sample_ipad-base.DXF
SAMPLE_LABEL.JPG
SAMPLE_MULTI_OP.DXF
SAMPLE_POCKET.DXF
SAM
SAM
SAM
SAM

Choose "SAMPLE_LABEL.JPG"

File name: SAMPLE_LABEL.JPG

Files of type: Bitmap/Vector files (*.snc;*.bmp;*.jpg;*.dxf;*.stl)

Open

Cancel

X: -16.098 Y: -9.659

Open file (*.snc;*.dxf;*.stl;*.svg;*.bmp;*.jpg)

SNAP
OFF

90°

Grid

Isometric

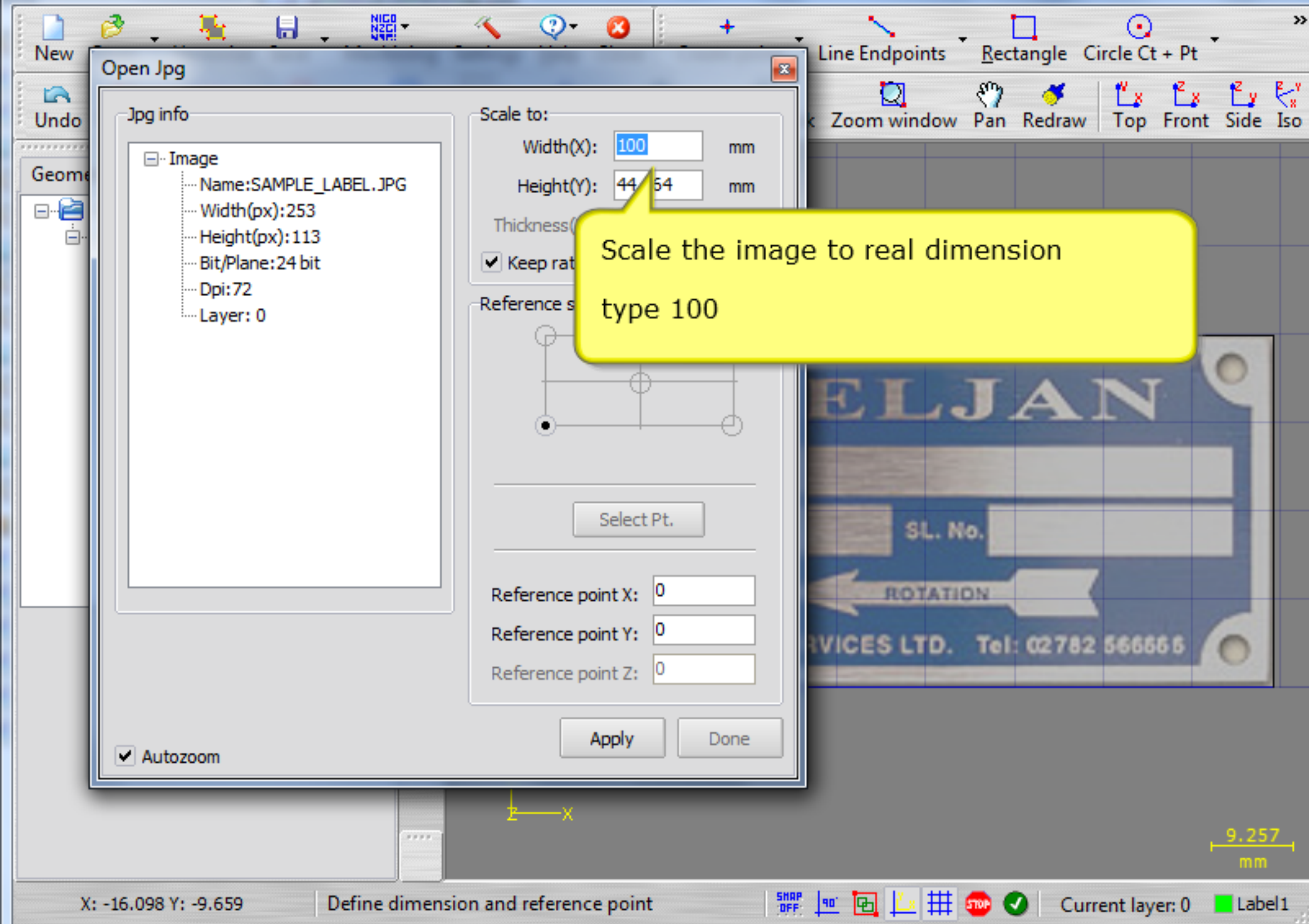
Stop

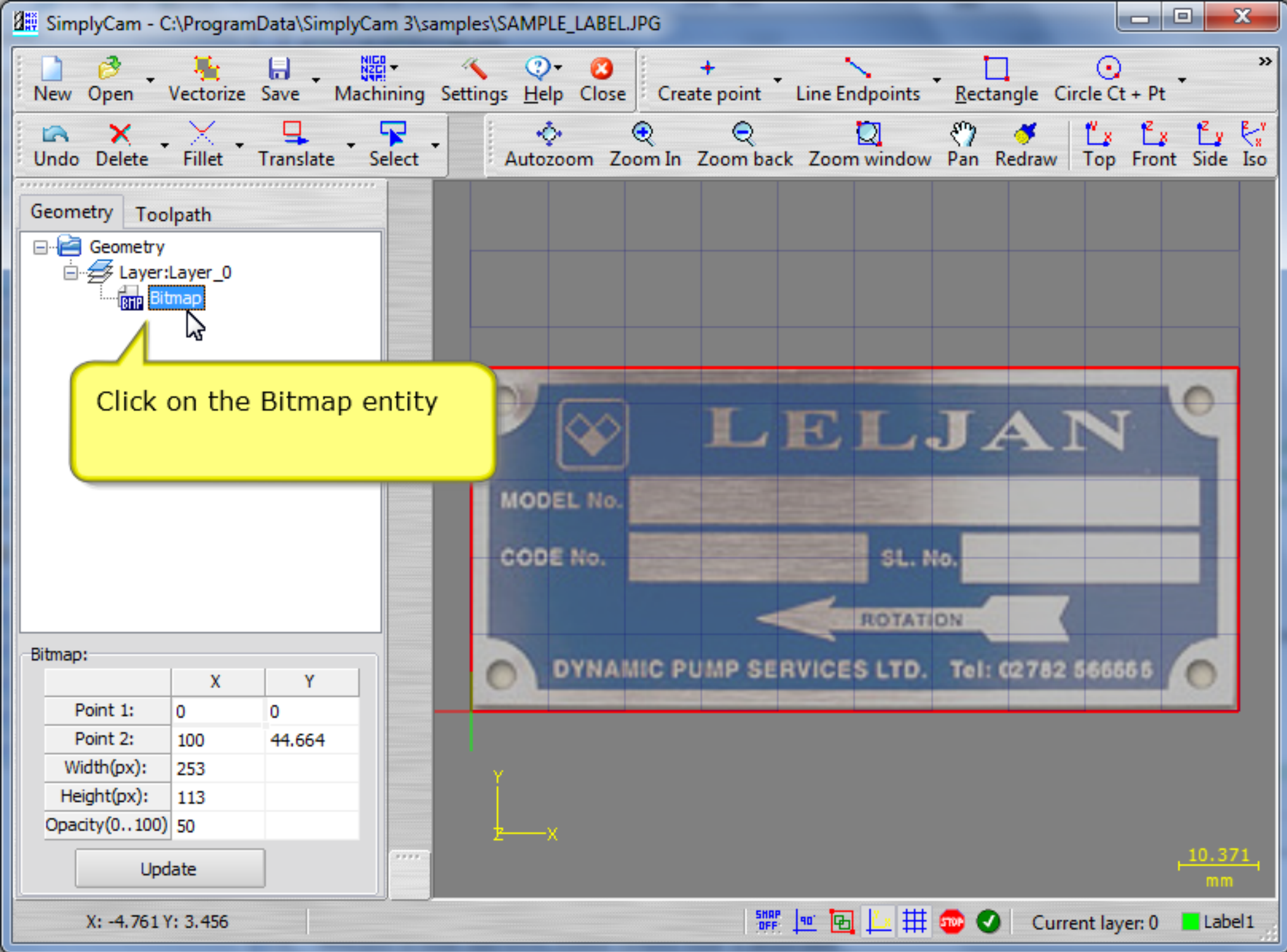
Check

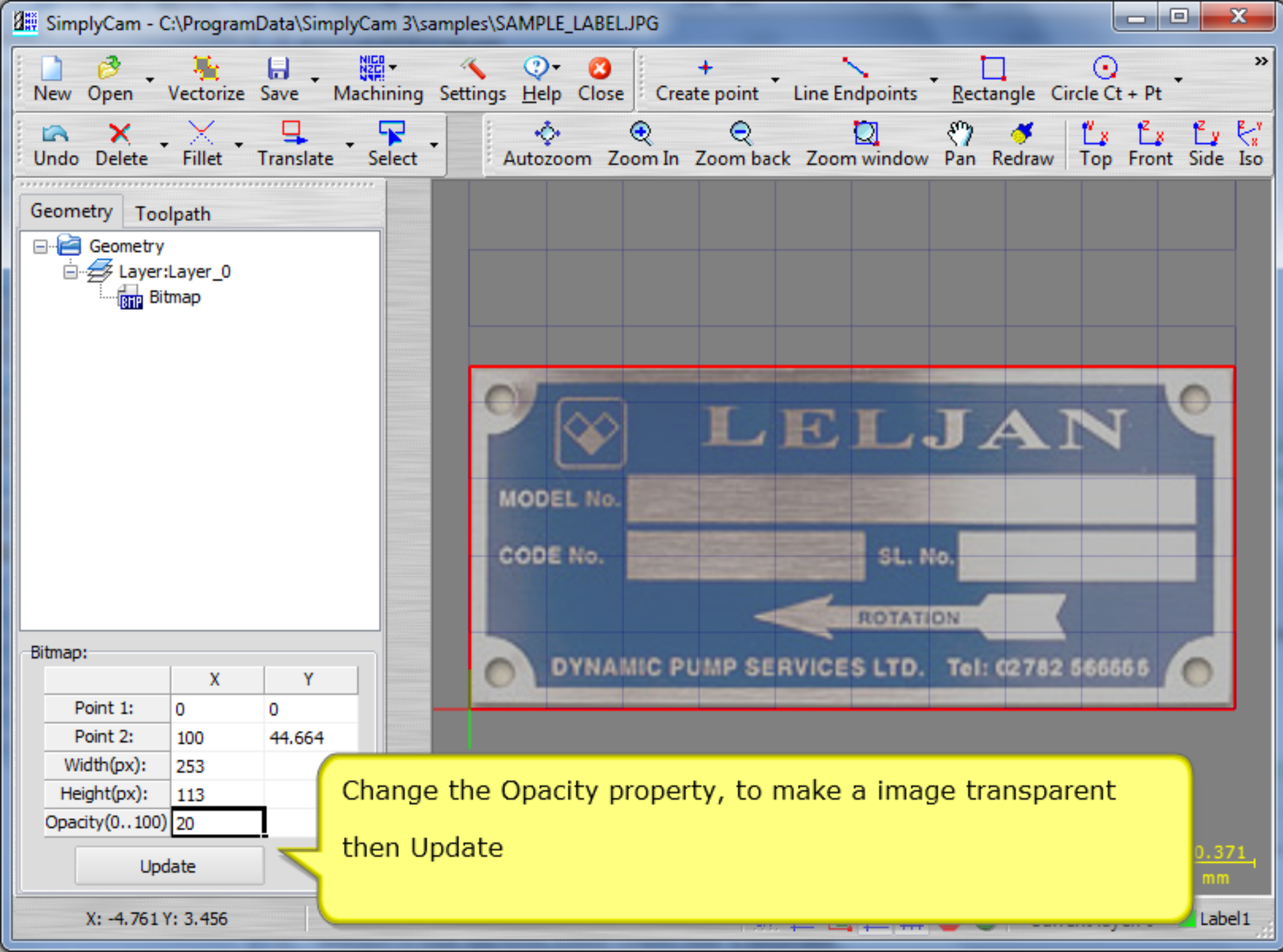
Current layer: 0

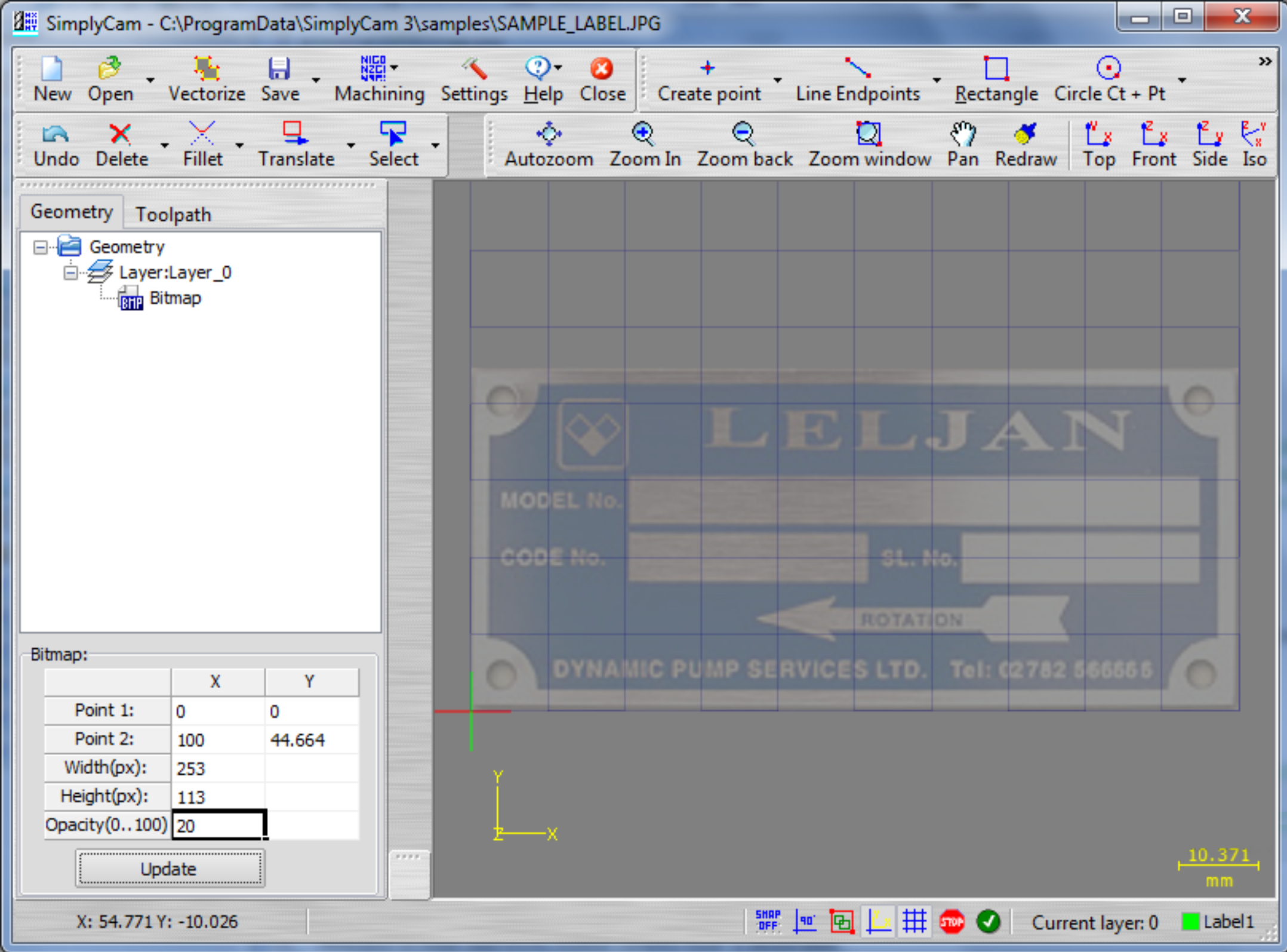
Label1

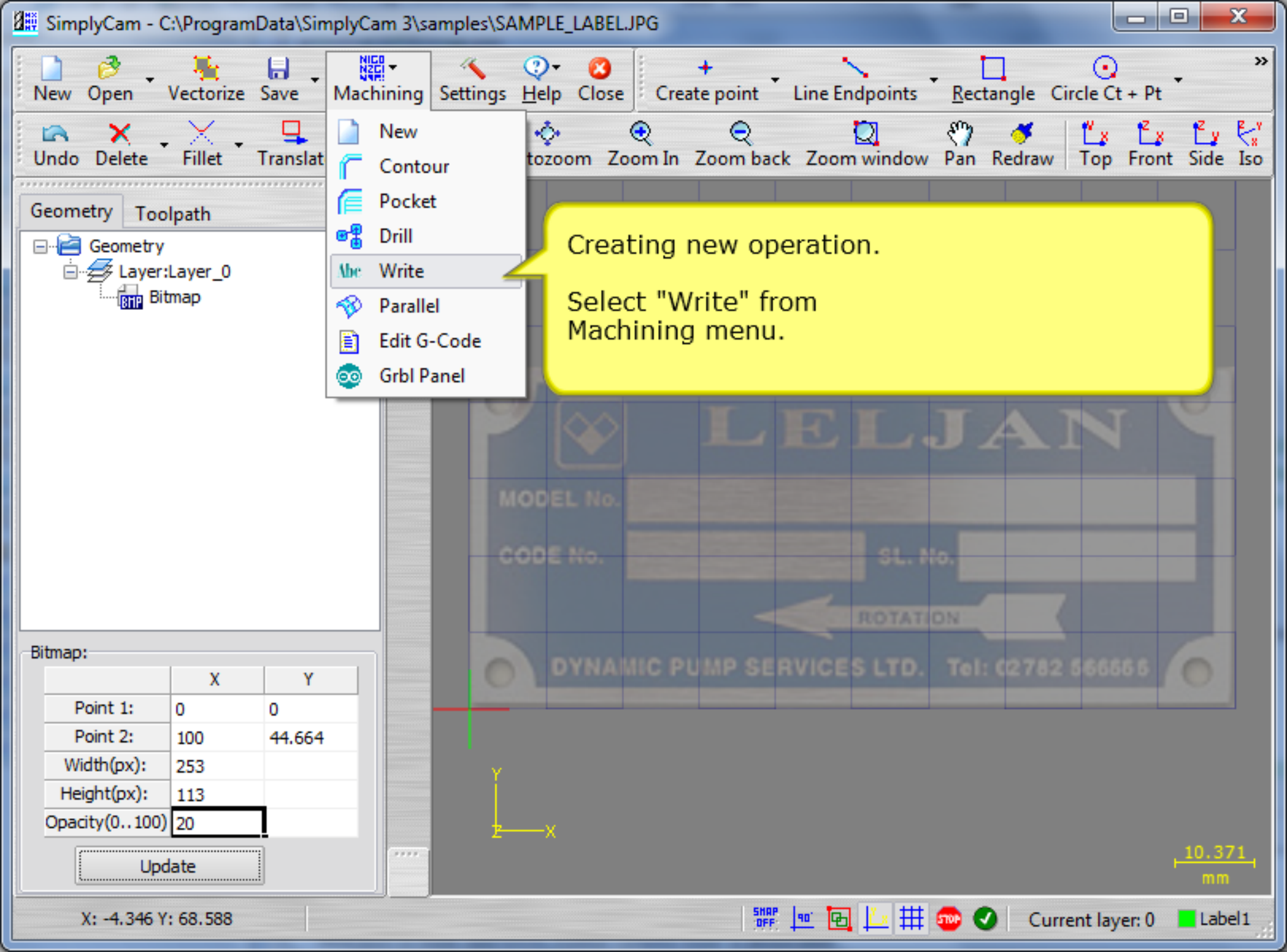
3.157
mm











New Open Vectorize Save

Machining Settings Help Close

Create point Line Endpoints Rectangle Circle Ct + Pt

Undo Delete Fillet Translate

tozoom Zoom In Zoom back Zoom window Pan Redraw Top Front Side Iso

Geometry Toolpath

- Geometry
 - Layer:Layer_0
 - Bitmap

Bitmap:

	X	Y
Point 1:	0	0
Point 2:	100	44.664
Width(px):	253	
Height(px):	113	
Opacity(0..100)	20	

Update

Creating new operation.
Select "Write" from
Machining menu.

Contour

Tools

"Tools" section

Tools List:

C:\ProgramData\SimplyC...\Tools_mm.tlb

Tool number:

1

2000

Feed rate:

100

Plunge rate:

50

☐ Coolant

Name:

Flat

Type:

Flat

Diameter (d):

2

Length:

1.875

Depth pass:

0

Add to lib.

Modify in lib.

Open library

Save library

Endpoints

Rectangle

Circle Ct + Pt



m window

Pan

Redraw

Top

Front

Side

Iso

Set feedrate

Show/Hide toolpaths

X: -4.346 Y: 68.588

Define tool, speed and feeds

SNAP
OFF

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

"Write" section

Write definition:

(1) Text to insert:

Abc123

X: 19.923

Y: 28.762

Place

Character height: 4

Spacing: 1

1

+

-

Eng_EuroExtLine

Apply

Show/Hide toolpaths

X: 19.508 Y: 40.171

SNAP
OFF

90°

Grid

Layer

Grid

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Text to insert

(1) Text to insert:

Abc123

X: 19.923

Y: 28.762

Place

Character height: 4

Spacing: 1

Click on Place button

+

-

Eng_EuroExtLine

Apply

Show/Hide toolpaths

X: 19.508 Y: 40.171

SNAP
OFF

90°

Grid

Units

Grid

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

1

+

-

Eng_EuroExtLine

Apply

Place the Text

Abc123

SL. No.

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 18.679 Y: 12.583

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

1

Add another text

Show/Hide toolpaths

X: 18.679 Y: 12.583

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 0

Character height: 3.5

Spacing: 1

Text to insert

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

SL. No.

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 18.679 Y: 12.583

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 0

Y: 0

Place

Character height: 3.5

Spacing: 1

Character height

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

SL. No.

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 18.679 Y: 12.583

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

1234

Place the Text

Show/Hide toolpaths

X: 18.264 Y: 10.924

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

Add another text

Show/Hide toolpaths

X: 18.264 Y: 10.924

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

X: 0

Y: 0

Place

Character height: 10

Spacing: 1

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

1234

SL. No.

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 18.264 Y: 10.924

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-22

X: 0

Y: 0

Place

Character height: 3.5

Spacing: 1

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

1234

SL. No.

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 0.633 Y: -11.478

SNAP
OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-22

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

Eng_EuroExtLine

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

1234

SL. No. xx-22

Place the Text

Show/Hide toolpaths

X: 66.387 Y: 18.391

Press the mouse on the desired insertion point.

SNAP OFF

90°

L

H

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools Write Parameters

Write definition:

(1) Text to insert:
Abc123
X: 22.412 Y: 25.443 Place
Character height: 4 Spacing: 1

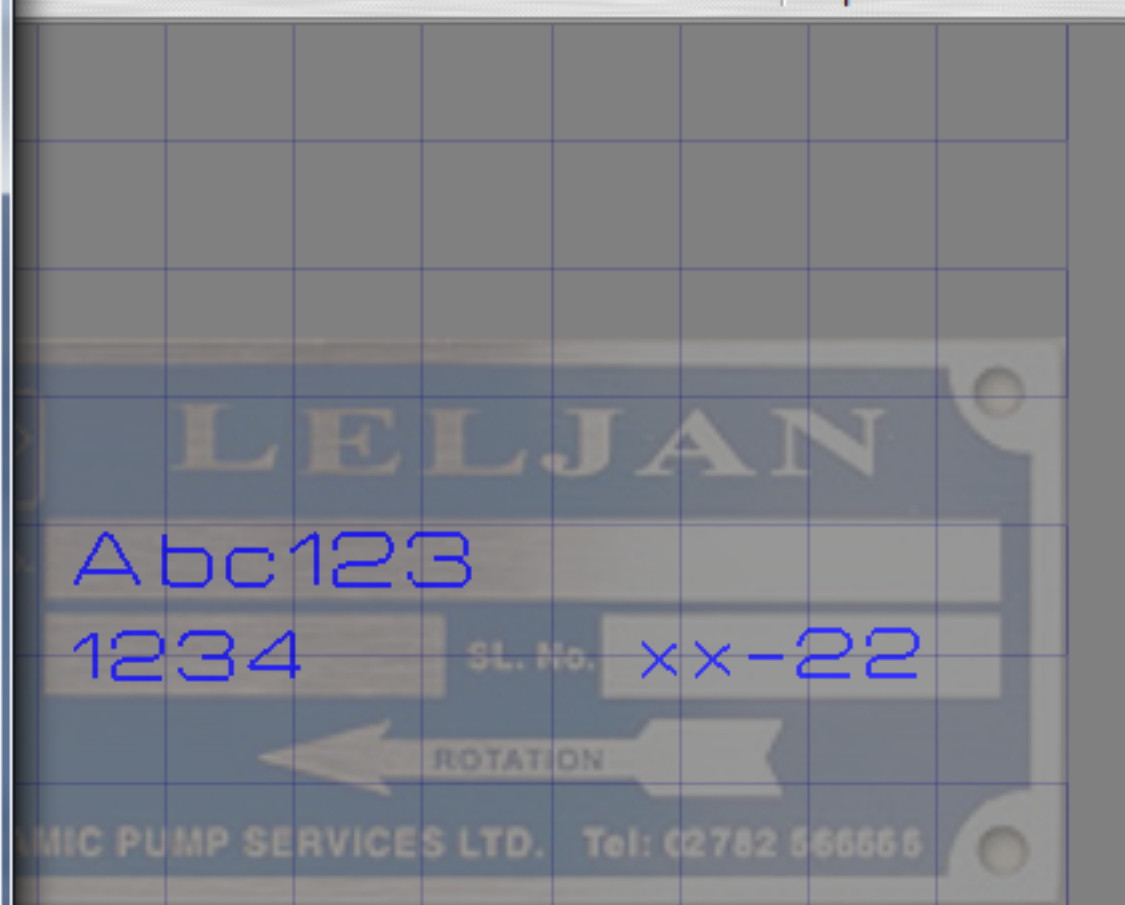
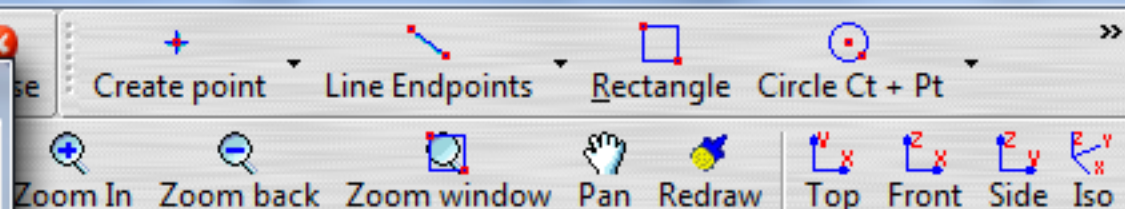
(2) Text to insert:
1234
X: 22.412 Y: 18.183 Place
Character height: 3.5 Spacing: 1

(3) Text to insert:
xx-22
X: 66.594 Y: 18.391 Place
Character height: 3.5 Spacing: 1

+ - Eng_EuroExtLine Apply

Eng_EuroExtLine
Eng_LubalinLine
Eng_UniversLine
Eng_VandLine
HE-engrave-condensed
HE-engrave-oblique
HE-engrave-regular

Select font



X: 18.471 Y: -10.026

OFF 40 10.371 mm Current layer: 0 Label1

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-22

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Abc123

1234

SL. No.

xx-22

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Click Apply button

Show/Hide toolpaths

X: 18.471 Y: -10.026

SNAP
OFF

90°

Grid

Snap

Grid

STOP

Green

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-22

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Create point Line Endpoints Rectangle Circle Ct + Pt

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

Abc123

1234

SL. No.

xx-22

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: 18.471 Y: -10.026

SNAP
OFF

90°

L

H

G

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools Write Parameters

Contour parameters:

Feed Plane: 2

Top of part: 0

Depth: -1

Depth increment: 1

Stock to leave: 0

N. 1

N. 0

Rough cuts of size: 0.0

Finish cut of size: 0.0

sbtConEntExi

☐ Holding Tabs

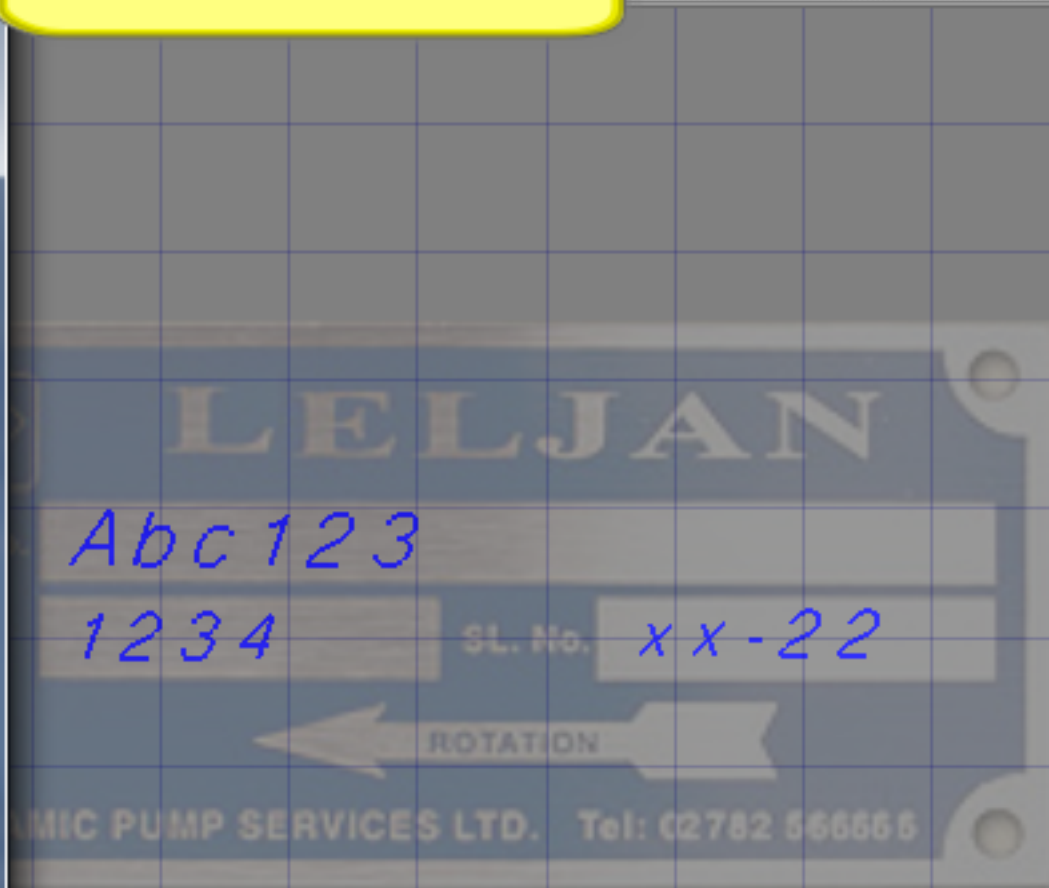
Calculation Method: Standard

Cutting rules: None

Depth cuts order by: contour

Transform Calculate Cancel

"Parameters"
section



Show/Hide toolpaths

X: 24.072 Y: 59.461

Set the cutting parameters and press the
'Calculate' button

SNAP
OFF

90°

Grid

Layer

Grid

STOP

Check

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Contour parameters:

Feed Plane: 2

Top of part: 0

Depth: -1

Depth increment: 1

Stock to leave: 0

N. 1

Rough cuts of size: 0.0

N. 0

Finish cut of size: 0.0

sbtConEntExi



Holding Tabs

Calculation Method: Standard

Cutting rules: None

Depth cuts order by: contour

Transform

Calculate

Press "Calculate"

Show/Hide toolpaths

X: 24.072 Y: 59.461

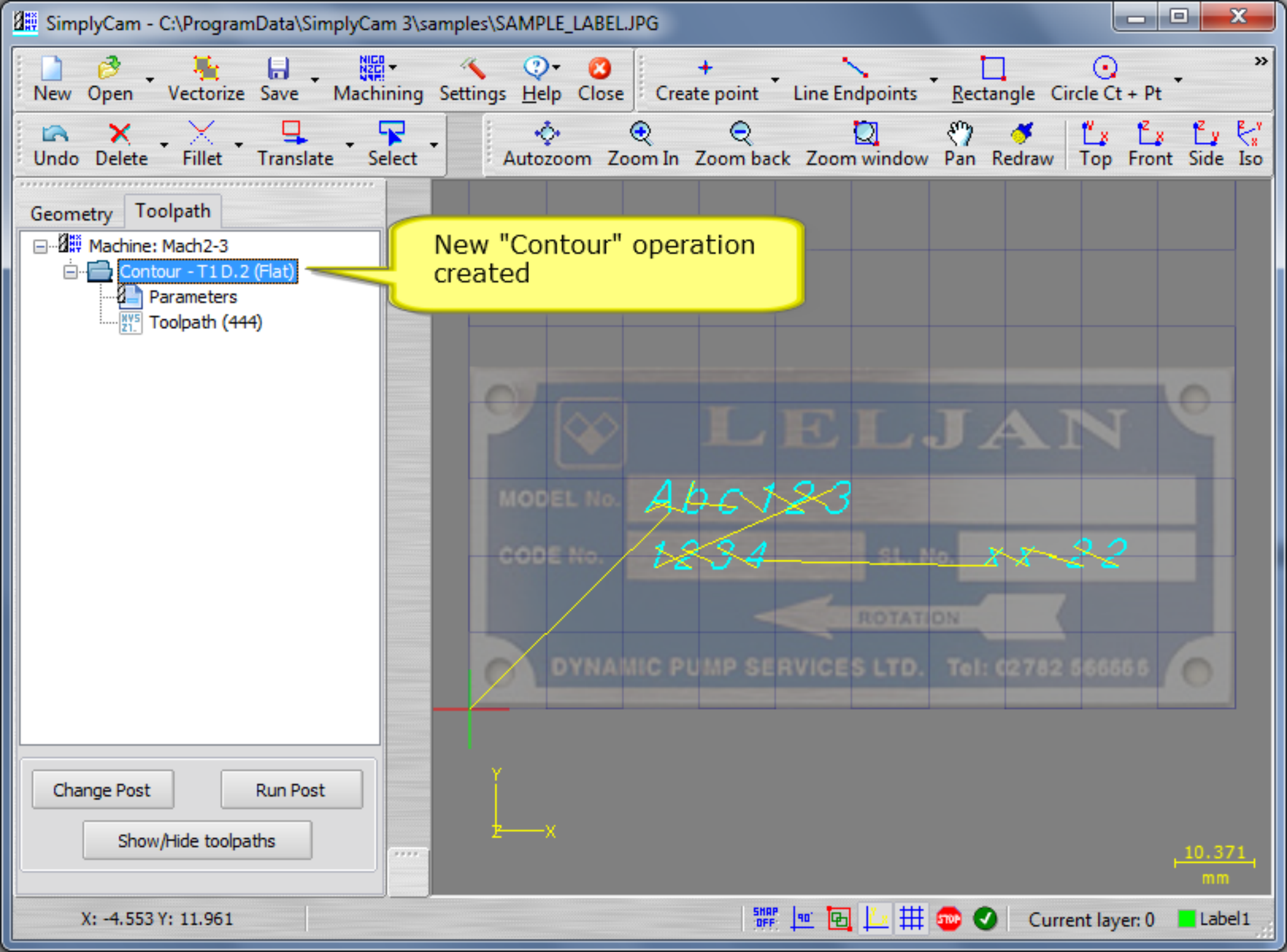
Set the cutting parameters and press the
'Calculate' buttonSHARP
OFF

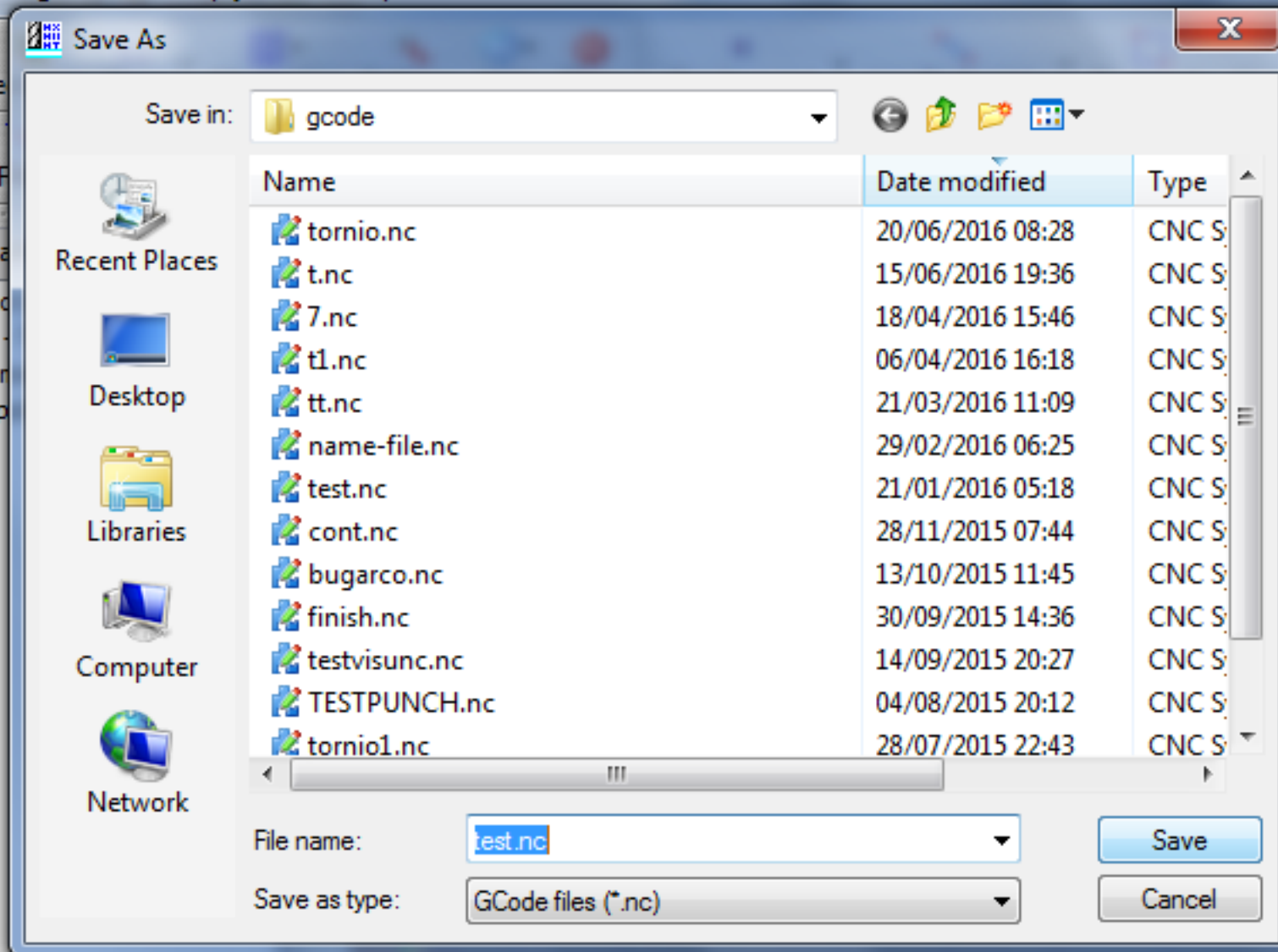
90°



Current layer: 0 Label1

10.371
mm





Change Post

Run Post

Show/Hide toolpaths

Run Postprocessor

Estimate machining time = 0h, 01m, 12s

10.371
mm

X: 39.629 Y: -23.717

SNAP
OFF

Current layer: 0 Label1

File Edit Text Tools Help

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

```
%  
N1 (POST PROCESSOR: MACH2-3)  
N2 (TEST.NC)  
N3 G21 (UNITS: MM)  
N4 G00 G17 G40 G49 G80 G90  
N5 G64 (Constant Velocity Mode)  
N6 T1 M6 (TLDIA=2)  
N7 G91.1 (IJ Incremental mode for arcs)  
N8 G00 X26.19 Y25.706 M03  
N9 G43 H1 Z2.  
N10 G01 Z-1. F50.0  
N11 G01 X26.13 Y29.706 Z-1. F100.0  
N12 X25.835  
N13 X22.999 Y25.706  
N14 G00 Z2.  
N15 X26.172 Y27.037  
N16 G01 Z-1. F50.0  
N17 G01 X23.945 Y27.037 Z-1. F100.0  
N18 G00 Z2.  
N19 X27.929 Y25.711  
N20 G01 Z-1. F50.0  
N21 G01 X29.287 Y29.706 Z-1. F100.0  
N22 G00 Z2.  
N23 X28.354 Y26.94  
N24 G01 Z-1. F50.0
```

Current Z: 0

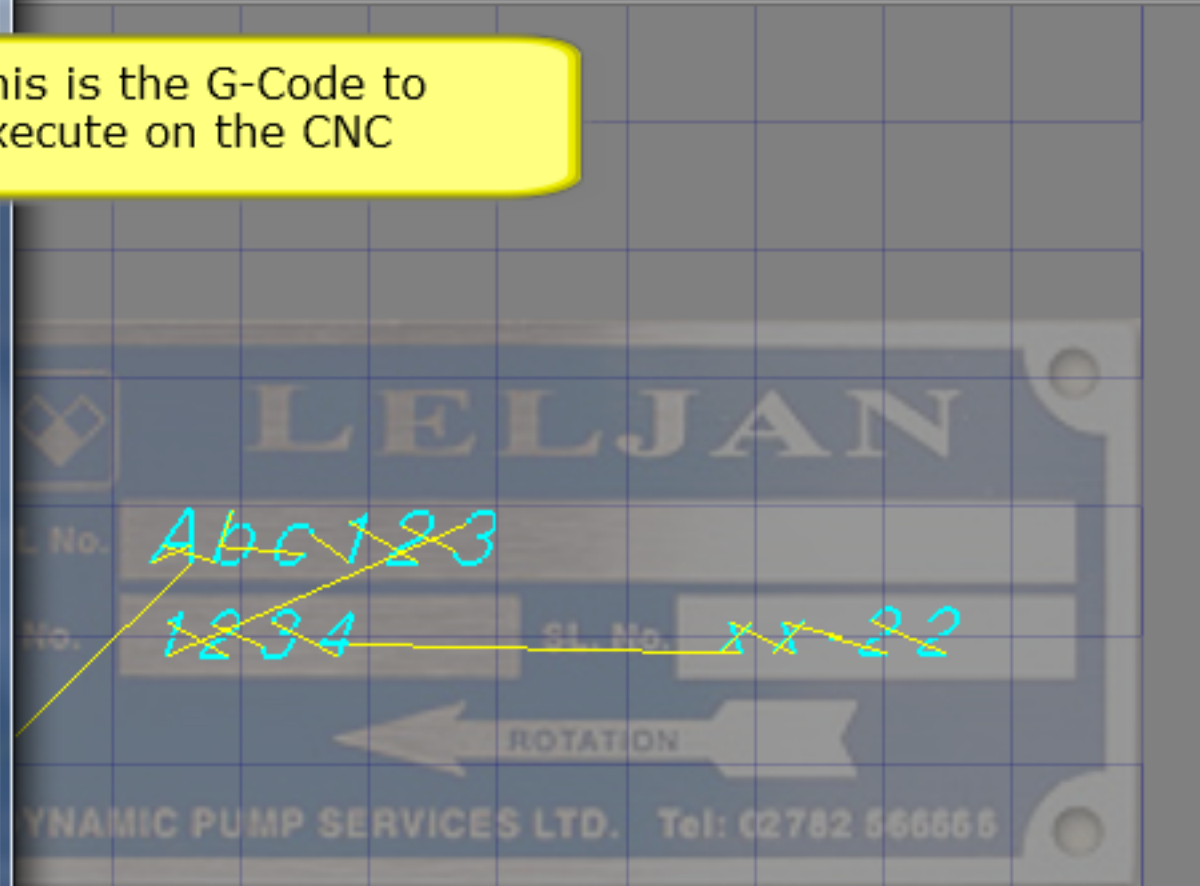
In 0 col 0

X: 22.412 Y: 49.505

Close Create point Line Endpoints Rectangle Circle Ct + Pt

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

This is the G-Code to
execute on the CNC



Machining time = 0h, 01m, 12s

10.371
mmSNAP
OFF

90°

Grid

L

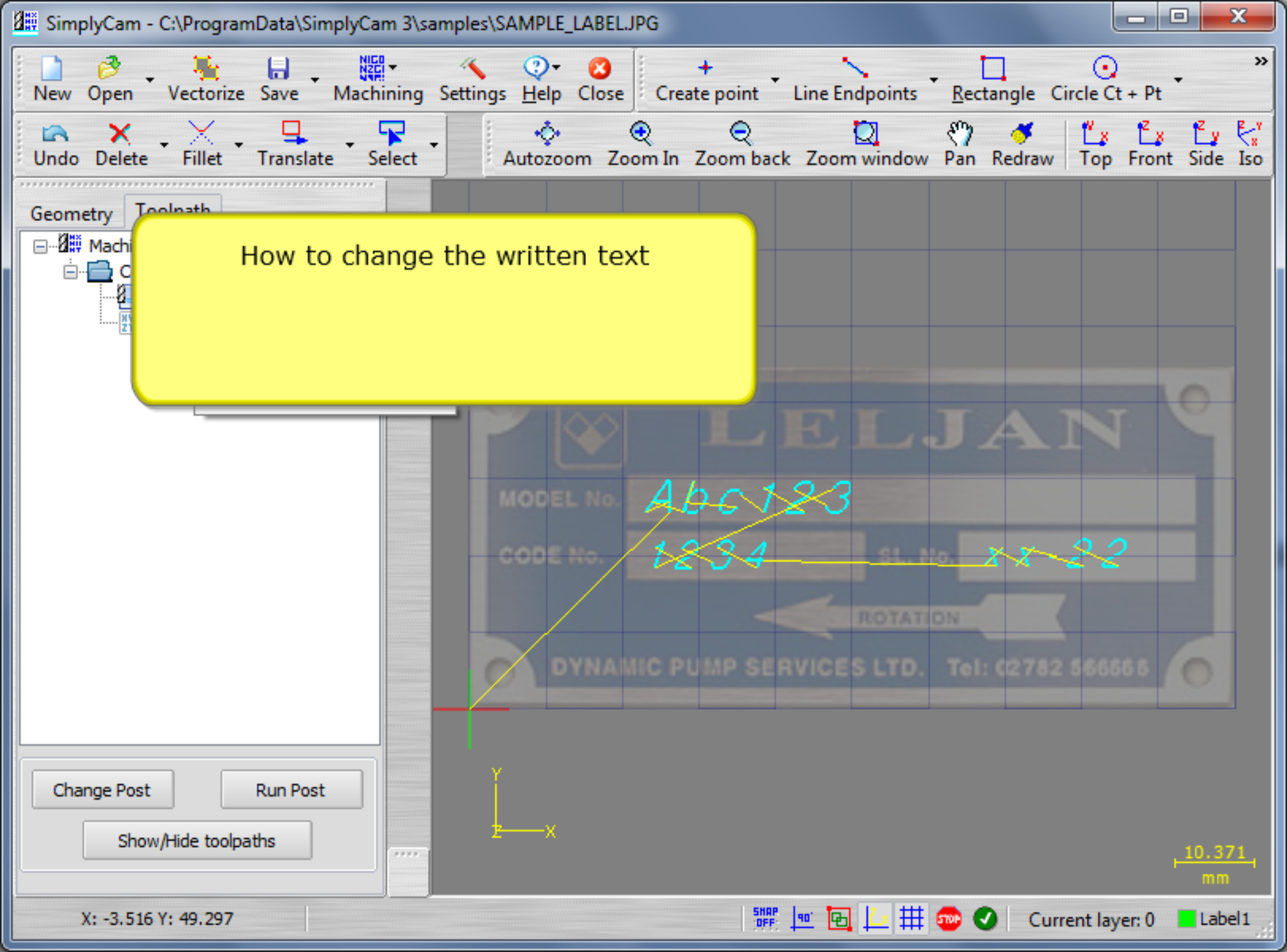
Grid

STOP

Green checkmark

Current layer: 0

Label1



How to change the written text

Change Post

Run Post

Show/Hide toolpaths

X: -3.516 Y: 49.297

SNAP
OFF

90°

Grid

Isometric

Isometric

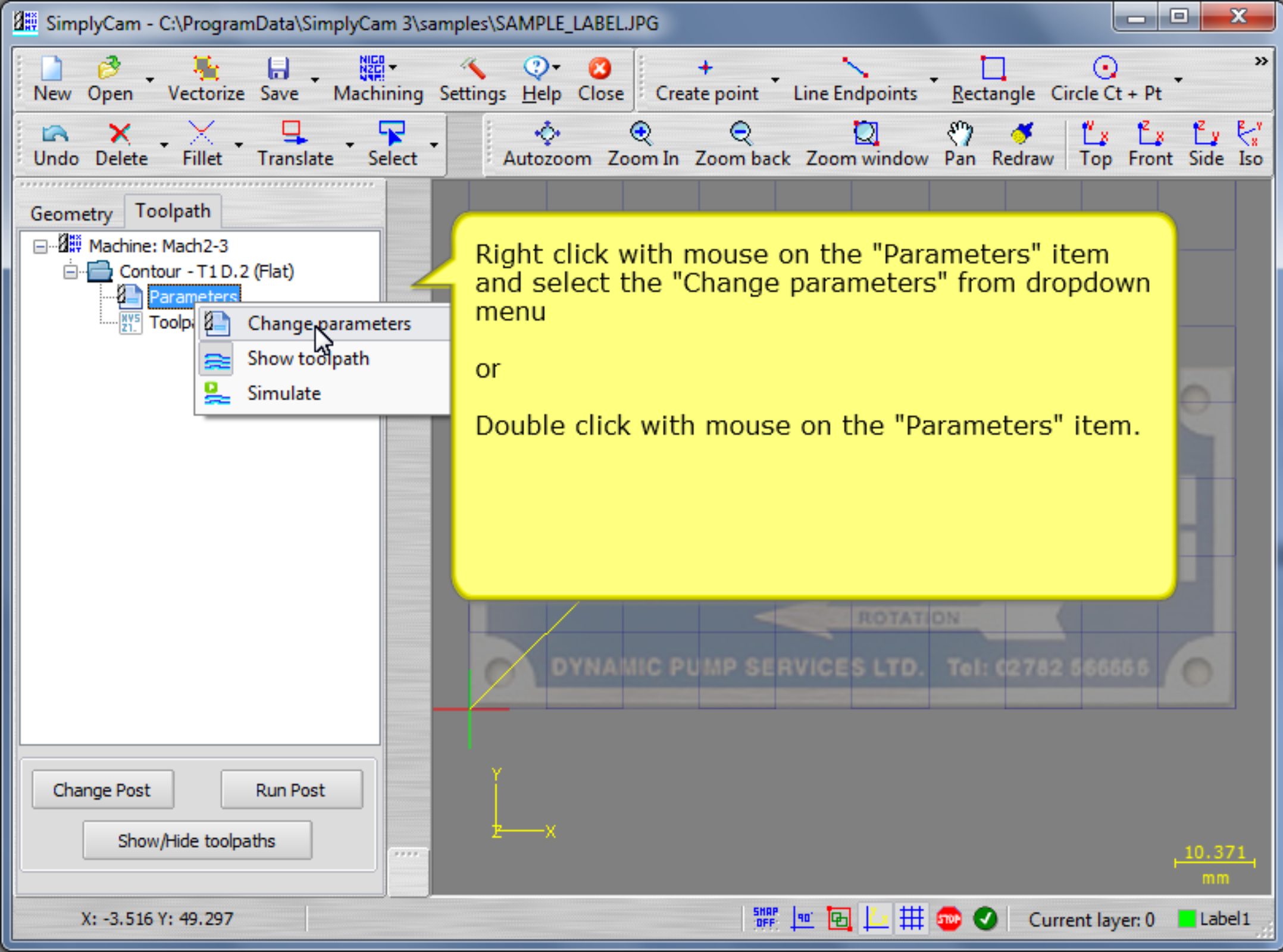
STOP

✓

Current layer: 0

Label1

10.371
mm



Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-22

X: 66.594

Y: 18.183

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Change the text

Create point Line Endpoints Rectangle Circle Ct + Pt

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



Show/Hide toolpaths

X: -3.516 Y: 49.297

Define tool, speed and feeds

SHAP OFF

90°

L

L

L

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-23

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Show/Hide toolpaths

Create point

Line Endpoints

Rectangle

Circle Ct + Pt



Zoom In

Zoom back

Zoom window

Pan

Redraw

Top

Front

Side

Iso

X: -3.516 Y: 49.297

Define tool, speed and feeds



Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-23

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Click on Apply
button

Show/Hide toolpaths

X: -3.516 Y: 49.297

Define tool, speed and feeds

SHAP
OFF

90°

G0

G1

G2

G3

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Write definition:

(1) Text to insert:

Abc123

X: 22.412

Y: 25.443

Place

Character height: 4

Spacing: 1

(2) Text to insert:

1234

X: 22.412

Y: 18.183

Place

Character height: 3.5

Spacing: 1

(3) Text to insert:

xx-23

X: 66.594

Y: 18.391

Place

Character height: 3.5

Spacing: 1

+

-

HE-engrave-oblique

Apply

Abc123

1234

SL. No. xx-23

ROTATION

MIC PUMP SERVICES LTD. Tel: 02782 566666

Show/Hide toolpaths

X: -3.516 Y: 49.297

Define tool, speed and feeds

SHARP
OFF

90°

L

R

STOP

✓

Current layer: 0

Label1

10.371
mm

Contour

Tools

Write

Parameters

Contour parameters:

Feed Plane: 2

Top of part: 0

Depth: -1

Depth increment: 1

Stock to leave: 0

N. 1

Rough cuts of size: 0

N. 0

Finish cut of size: 0

sbtConEntExi



Holding Tabs

Calculation Method: Standard

Cutting rules: None

Depth cuts order by: contour

Transform

Calculate

Press "Calculate"

Show/Hide toolpaths

X: -3.516 Y: 49.297

Set the cutting parameters and press the
'Calculate' buttonSHARP
OFF

90°



Current layer: 0 Label1

10.371
mm

File Edit Text Tools Help

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

```
N486 A00.000 I21.01
N487 X85.568 Y21.879
N488 X85.491 Y21.939
N489 X85.406 Y21.984
N490 X85.305 Y22.02
N491 X85.196 Y22.045
N492 X85.087 Y22.061
N493 X84.97 Y22.065
N494 X84.816 Y22.057
N495 X84.675 Y22.041
N496 X84.537 Y22.008
N497 X84.416 Y21.964
N498 X84.299 Y21.907
N499 X84.19 Y21.843
N500 X84.093 Y21.766
N501 X84. Y21.681
N502 X83.915 Y21.584
N503 X83.838 Y21.483
N504 X83.774 Y21.37
N505 X83.713 Y21.252
N506 G00 Z2.
N507 M05
N508 M30
```

%

Current Z: 0

In 0 col 0

X: 12.456 Y: 59.046

Close Create point Line Endpoints Rectangle Circle Ct + Pt

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

...and run the postprocessor
yet, to create the new G-Code

DYNAMIC PUMP SERVICES LTD. Tel: 02782 566666

Machining time = 0h, 01m, 12s

10.371
mmSNAP
OFF

90°

Grid

L3

Grid

STOP

✓

Current layer: 0

Label1