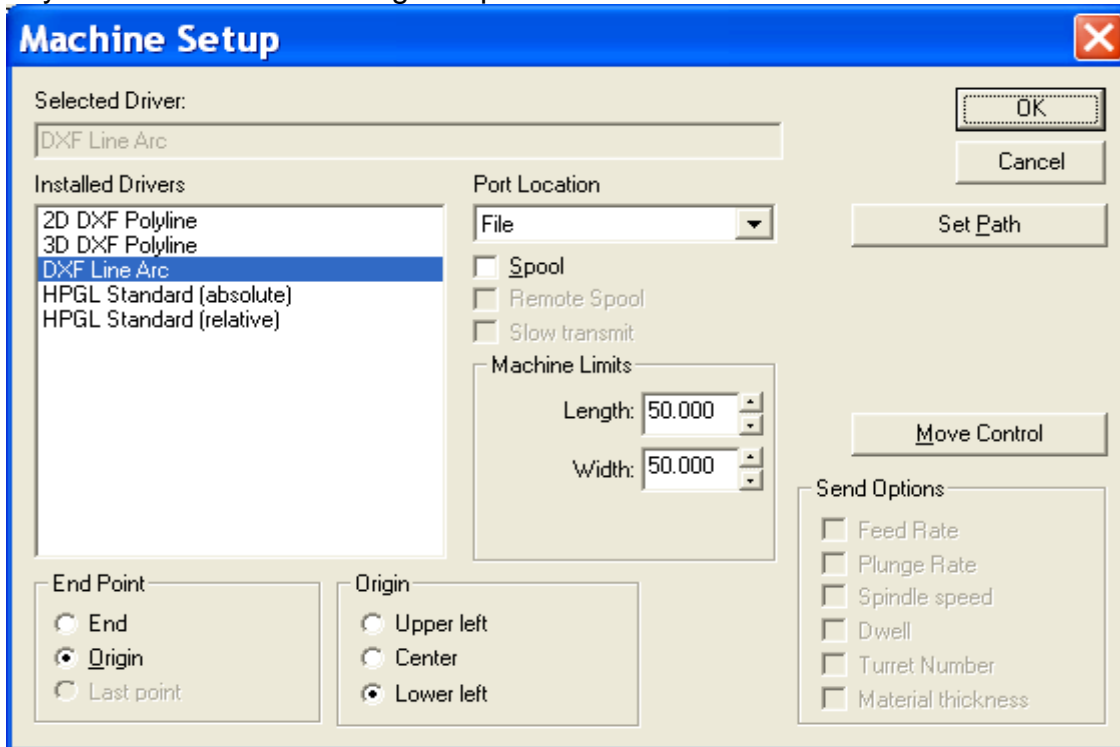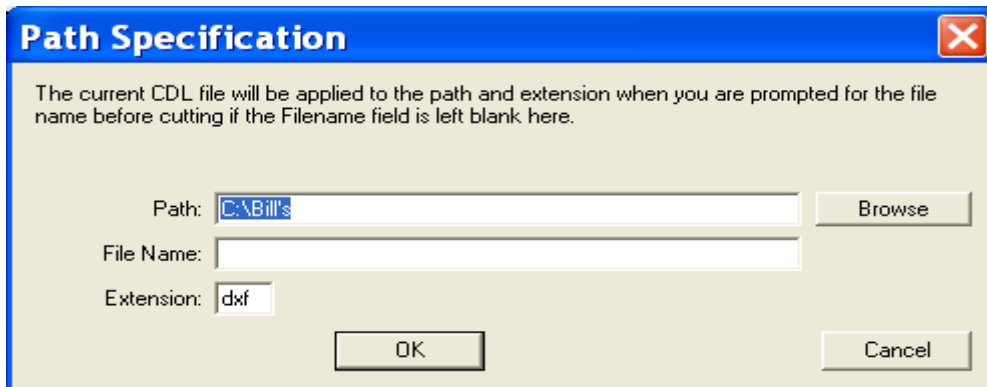## Machine Tool – Output Tool Path
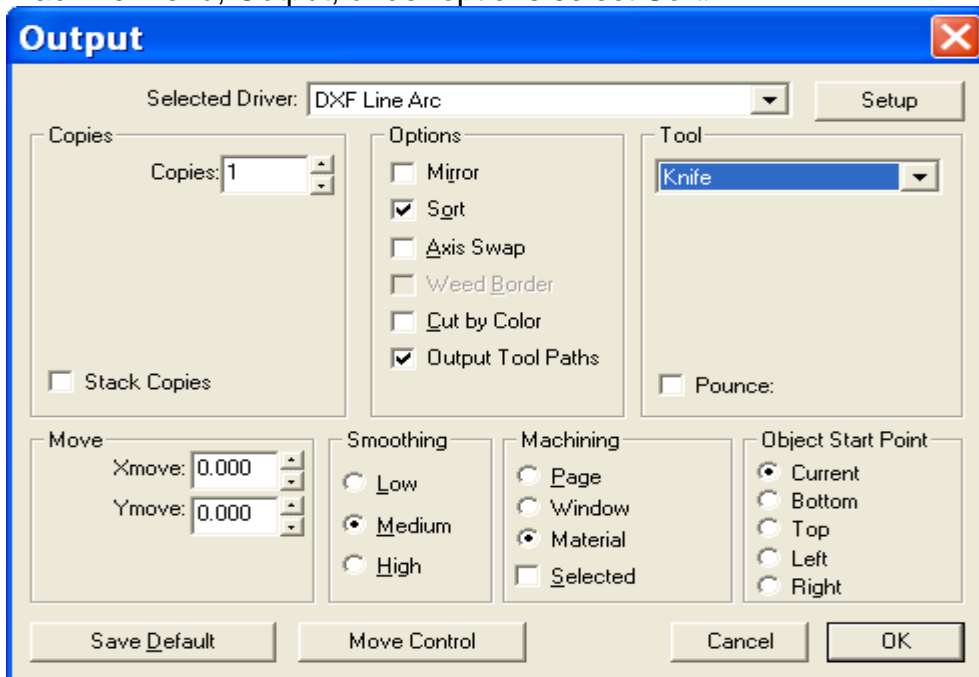
Machine Menu, Plotter setup, your page should look like this. Machine Limits should be to parameters of your material size or image output.
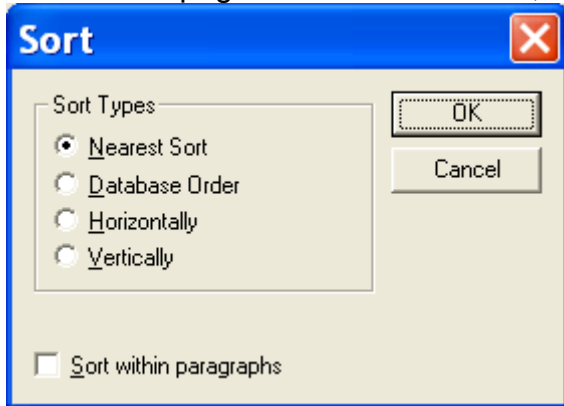
Machine Setup

Selected Driver:
DXF Line Arc

OK
Cancel

Installed Drivers
- 2D DXF Polyline
- 3D DXF Polyline
- DXF Line Arc
- HPGL Standard (absolute)
- HPGL Standard (relative)

Port Location
File

Set Path

☐ Spool
☐ Remote Spool
☐ Slow transmit

Machine Limits
Length: 50.000
Width: 50.000

Move Control

Send Options
☐ Feed Rate
☐ Plunge Rate
☐ Spindle speed
☐ Dwell
☐ Turret Number
☐ Material thickness

End Point
- ○ End
- ● Origin
- ○ Last point

Origin
- ○ Upper left
- ○ Center
- ● Lower left

Click on Set Path to specify location of folder you are saving to. Be sure that the extension is dxf, click OK.

Path Specification

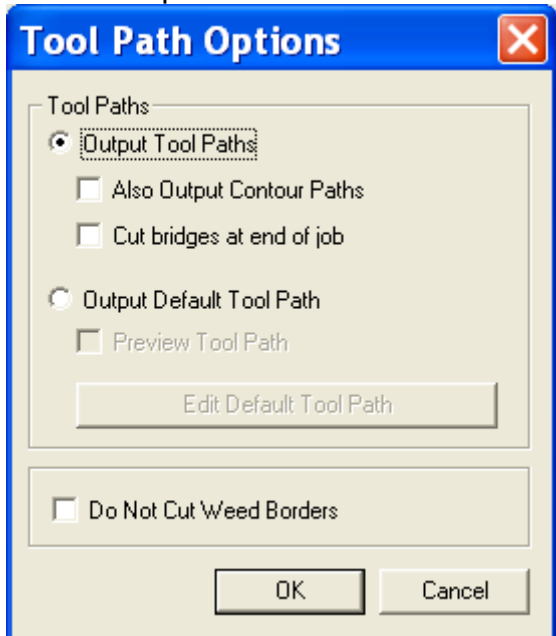The current CDL file will be applied to the path and extension when you are prompted for the file name before cutting if the Filename field is left blank here.

Path: C:\Bill's
File Name:
Extension: dxf

Browse

OK
Cancel

Machine menu, Output, under options select Sort.

Output

Selected Driver: DXF Line Arc
Setup

Copies
Copies: 1
☐ Stack Copies

Options
☐ Mirror
☑ Sort
☐ Axis Swap
☐ Weed Border
☐ Cut by Color
☑ Output Tool Paths

Tool
Knife
☐ Pounce:

Move
Xmove: 0.000
Ymove: 0.000

Smoothing
- ○ Low
- ● Medium
- ○ High

Machining
- ○ Page
- ○ Window
- ● Material
- ☐ Selected

Object Start Point
- ● Current
- ○ Bottom
- ○ Top
- ○ Left
- ○ Right

Save Default
Move Control
Cancel
OK

On the Sort page select Nearest Sort, OK

Sort

Sort Types
- ⊙ Nearest Sort
- ○ Database Order
- ○ Horizontally
- ○ Vertically

OK

Cancel

☐ Sort within paragraphs
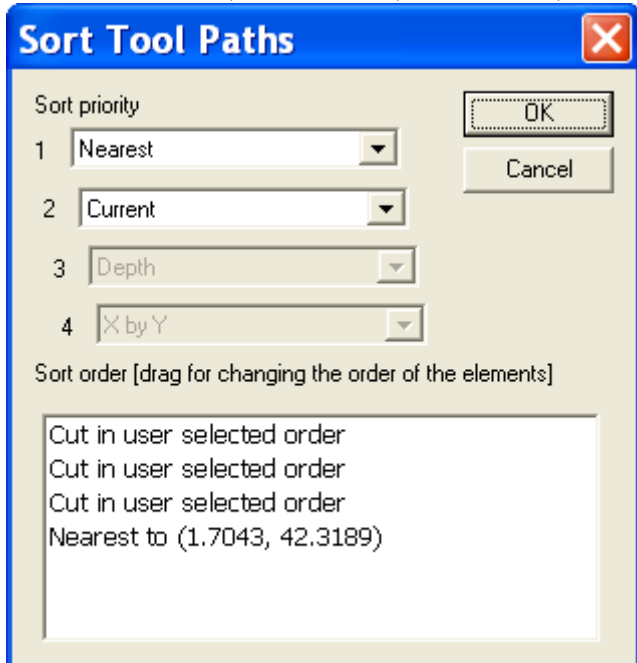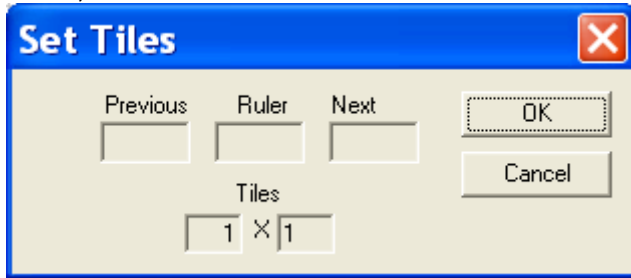
Tool Path Options, Tool Paths, select Output Tool Paths, OK. If Also Output Contour Paths is checked it may cause the Output to send both the tool path and the original image together as one file to the specified folder. This can cause double cut errors.
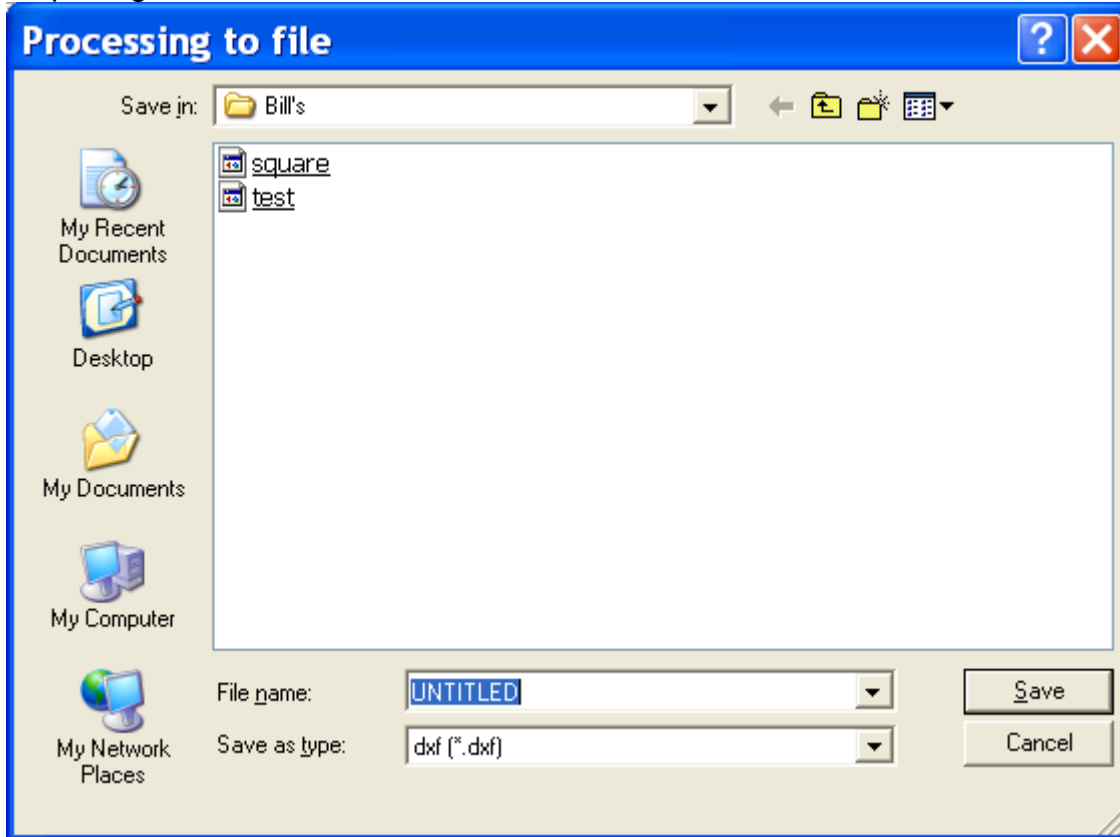
Tool Path Options

Tool Paths
- ⊙ Output Tool Paths
  - ☐ Also Output Contour Paths
  - ☐ Cut bridges at end of job
- ○ Output Default Tool Path
  - ☐ Preview Tool Path

Edit Default Tool Path

☐ Do Not Cut Weed Borders

OK   Cancel

Sort Tool Paths, 1=Nearest, 2=Current, click OK

Sort Tool Paths

Sort priority

1 Nearest ▼

2 Current ▼

3 Depth ▼

4 X by Y ▼

OK

Cancel

Sort order [drag for changing the order of the elements]

Cut in user selected order
Cut in user selected order
Cut in user selected order
Nearest to (1.7043, 42.3189)

Set Tiles refers to the size of your image in relation to your material sheet size. If the Tiles dialog displays 2 x 1, consider changing the size of your material sheet so that only one tile is utilized. If it is 1 x 1, click OK.

Set Tiles

Previous	Ruler	Next	OK
			Cancel

Tiles

1 X 1

Because you previously specified the Output path, this screen allows you to name the file you are outputting to the folder.

Processing to file

Save in: Bill's

- square
- test

My Recent Documents

Desktop

My Documents

My Computer

My Network Places

File name: UNTITLED   Save

Save as type: dxf (*.dxf)   Cancel

Open your Torchmate Driver software, File, Import DXF, Open, Save, Import Setup, process cutting operation.