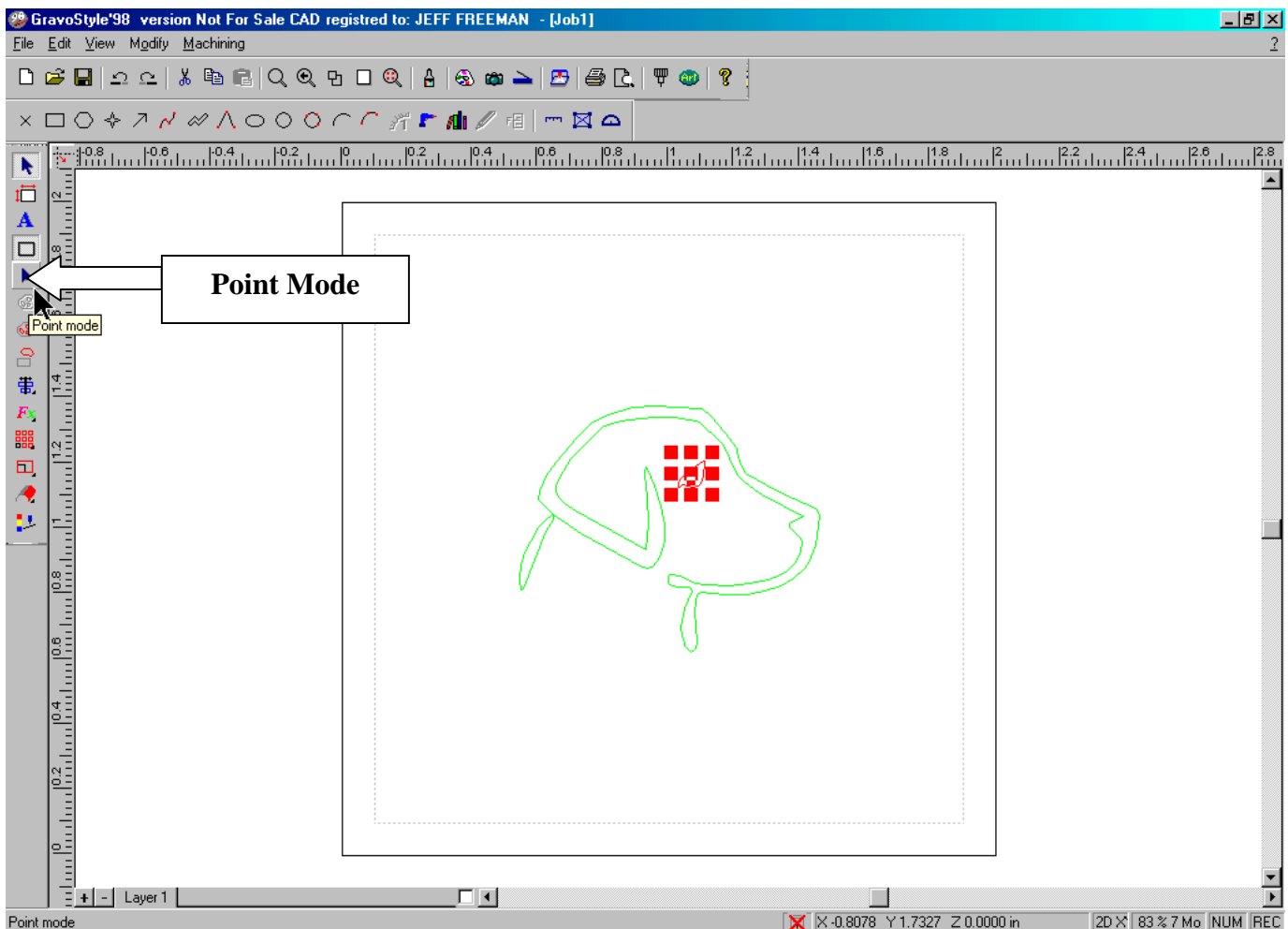




# GRAVOGRAPH NEW HERMES




## Point Edit Mode

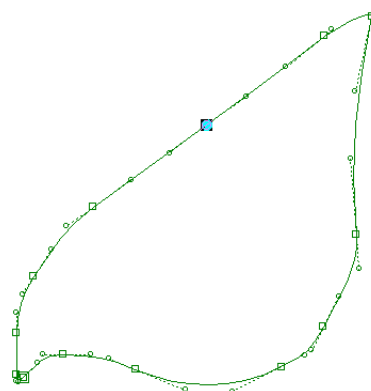
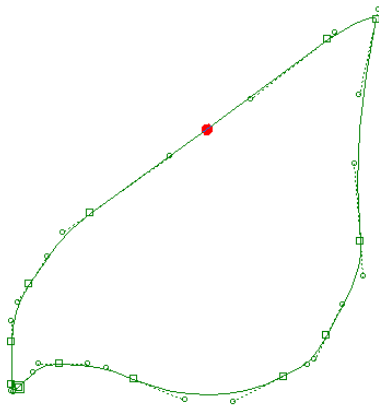
1. This mode enables you to modify the initial shape of an object or a text converted into curves, by working directly on the construction points of its contours. Without selecting any tool, you can Select points, Create a control point/point handle and Moving or Superimpose points. You need to Split the object apart to work on the individual contours. Select the contour you want to work on and click on the Point Mode icon.




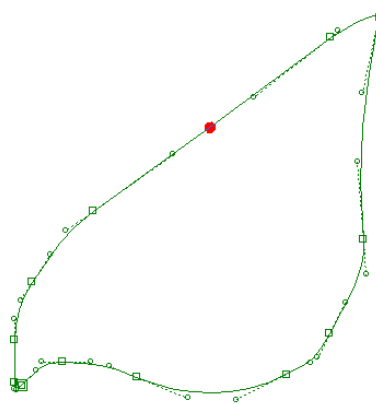
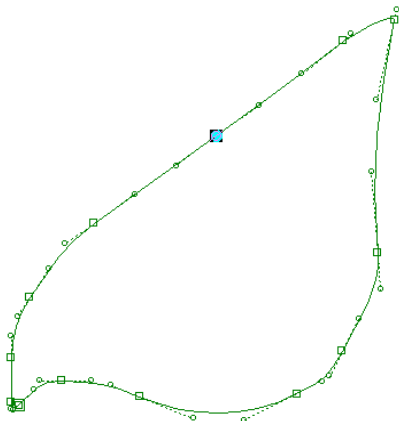
- Clicking on the Point Edit Mode icon will bring up the Point Edit Tool bar.




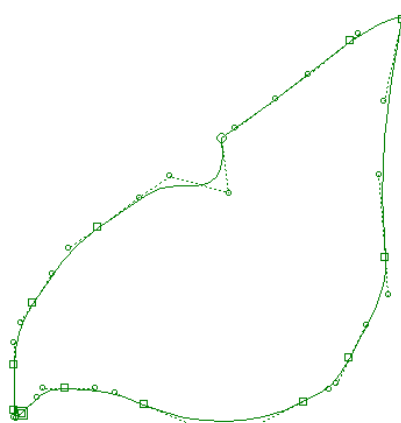
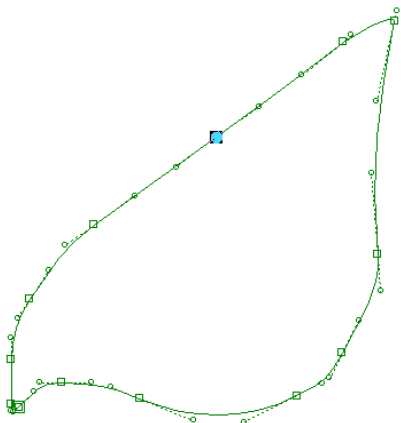
- The Bitmap Editor icon  will pull up the Bitmap Editor if there is a bitmap on your screen and the bitmap is selected. The Bitmap Editor will be discussed in another Module.
- The Magic Wand icon  will pull up the Scanning software if there is no bitmap present. If there is a bitmap on your screen and it is selected it will pull up the Vectorization page.
- The Add Point icon  will add points to your vector line. Click on the line where you want to add the point and a red dot will appear. Click on the Add Point icon and a point will be added.




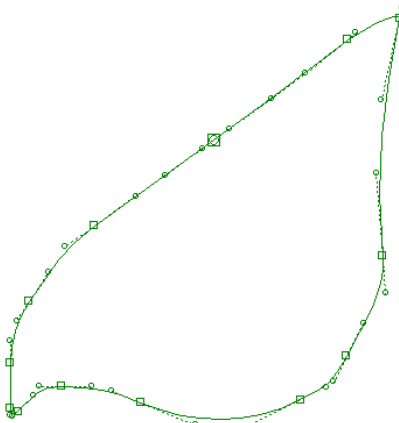
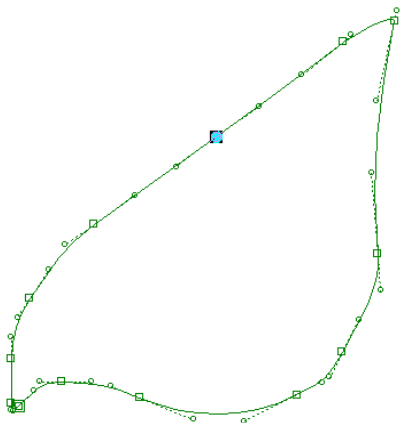
- The Delete Point icon  will delete points on your vector line. Click on the point that you want to delete and click on the Delete Point icon. If you want to get more than one point you can multiple select the points and press the Delete key.




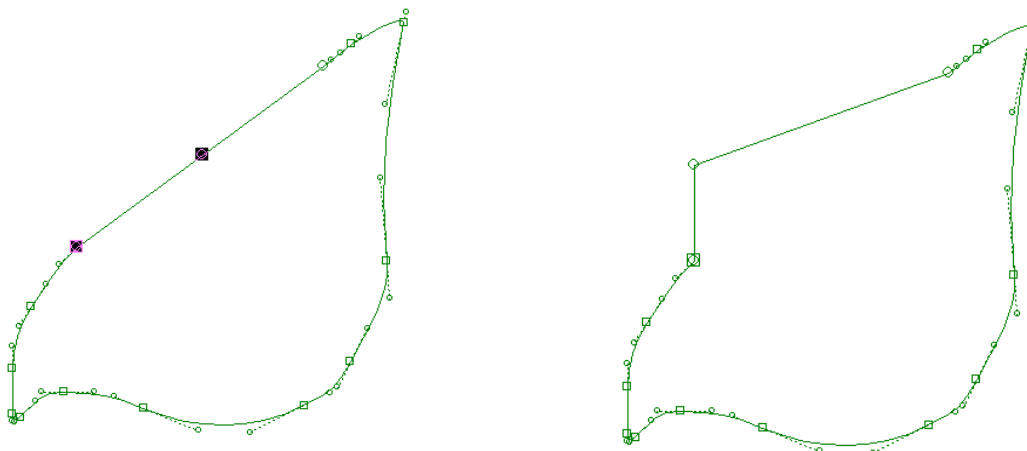
7. The Continuous Point icon  will change a point into a Continuous Point. Click on a point that you want to make a Continuous Point and then click on the icon. A Continuous Point is a point that has Control handles on it. It will give you more control of how your line is shaped.




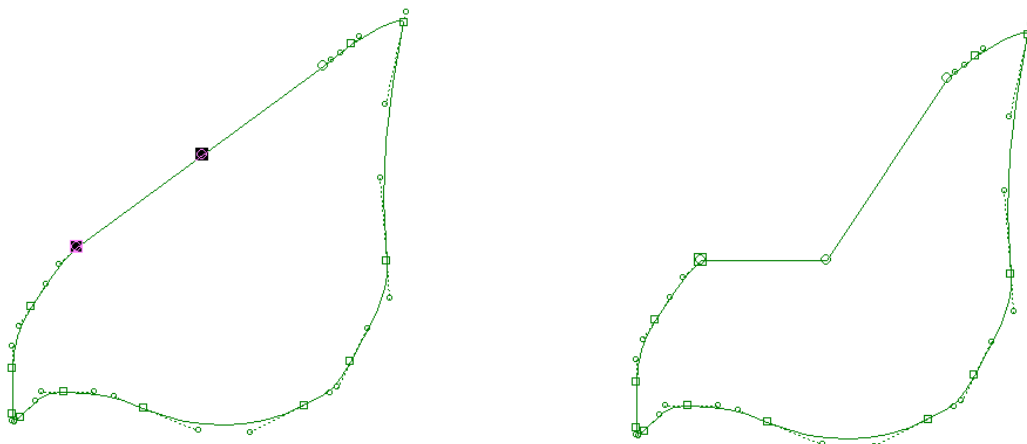
8. The Start Point icon  will change a point to the Start Point. Select a point on your line that you want to be the Start Point and click on the icon. This comes in handy for making you Logo more engraving efficient to reduce the pin up travel of the engraver.




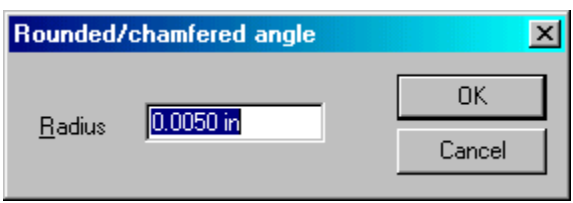
9. The Align Points Vertically icon  will align the points that you have selected line up vertically. The first point that you select will be the anchor. Meaning that the next point that you select will line up with the first one.



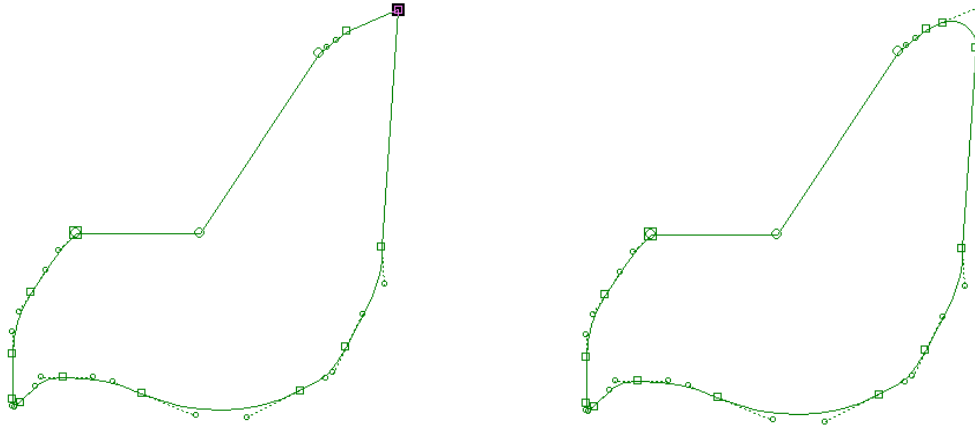
10. The Align Points Horizontally icon  will align points that you have selected horizontally. Select the points that you want to line up and click on the icon. The first point that you select will be the anchor. Meaning that the next point that you select will line up with the first one.




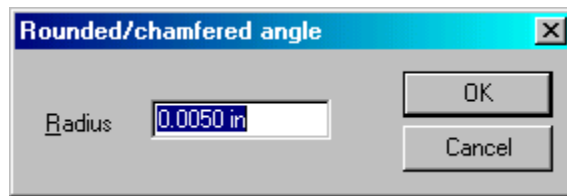
11. The Rounded Angle icon  will round the corner that you have selected. Select the point at the corner and click on the icon the Round Angle page will pop up.



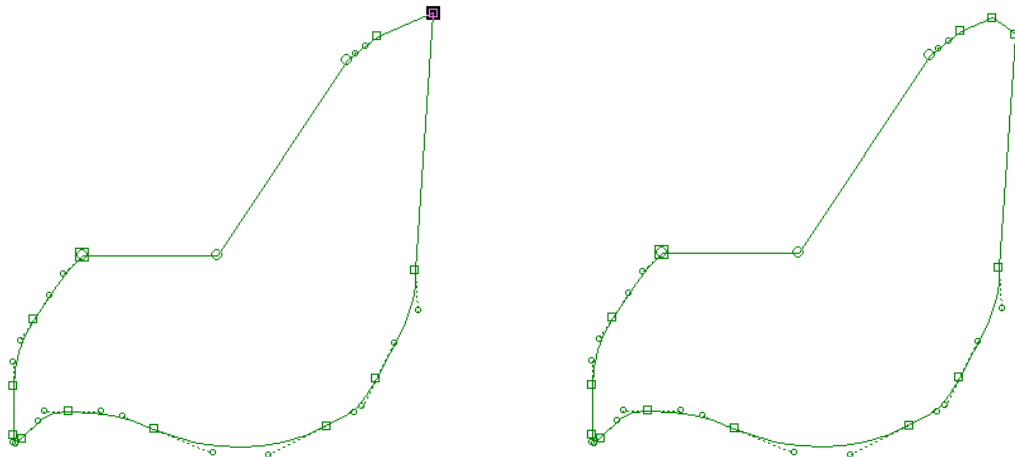
12. Enter the Radius of the rounded corner and Click on the OK button.




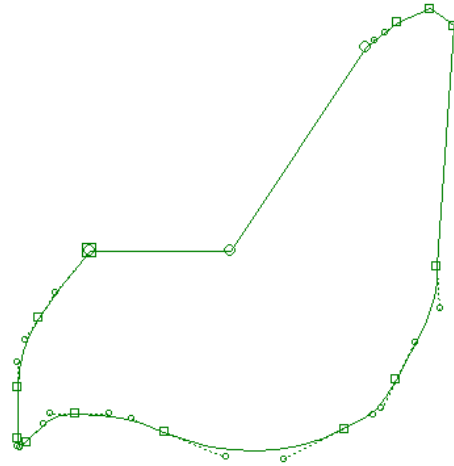
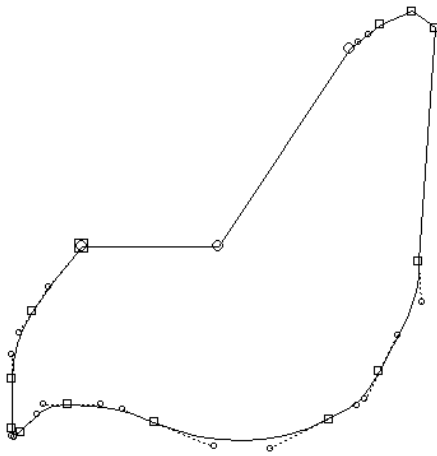
13. The Chamfered Angle icon  will chamfer the corner that you have selected. Select the point at the corner and click on the icon the Round Angle page will pop up.




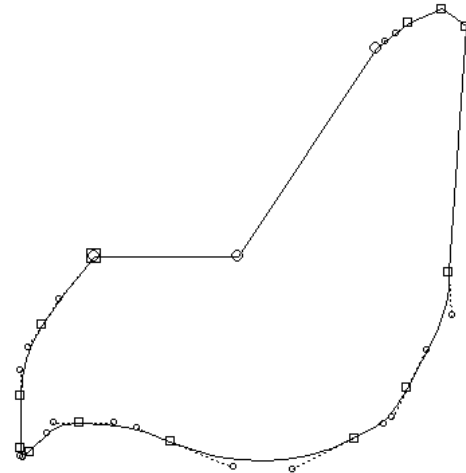
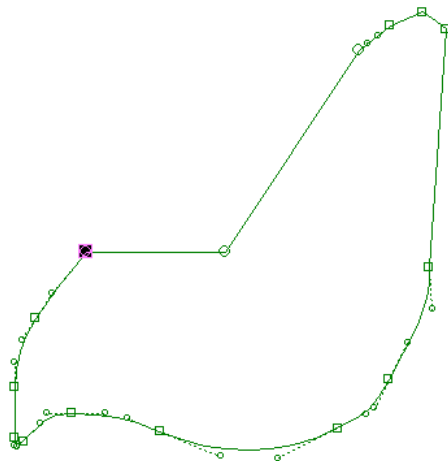
14. Enter the Radius of the rounded corner and Click on the OK button.




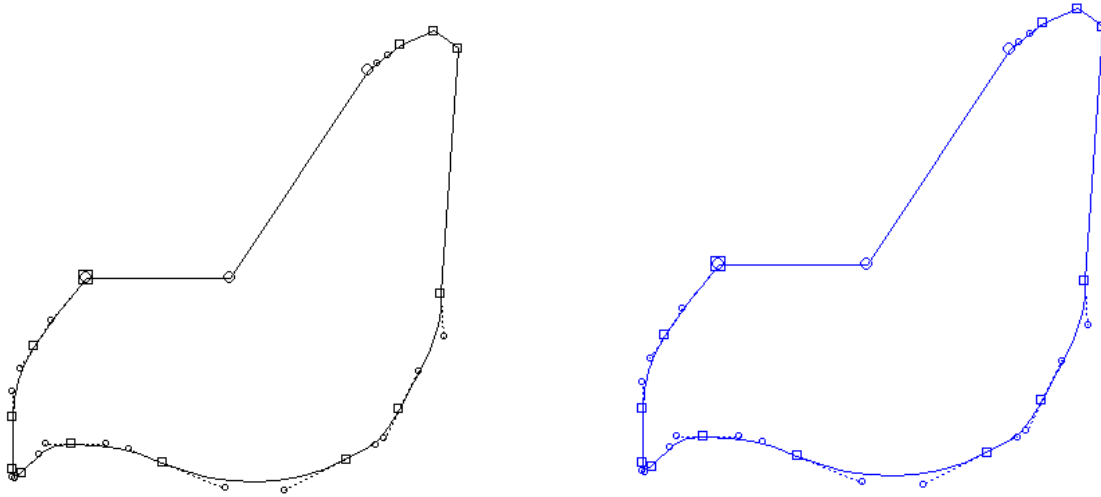
15. The Connect 2 Points icon  will connect two points to make a closed contour. Select the Start and Finish point of the open contour. Click on the Connect 2 Points icon and the points will be connected, closing the contour.




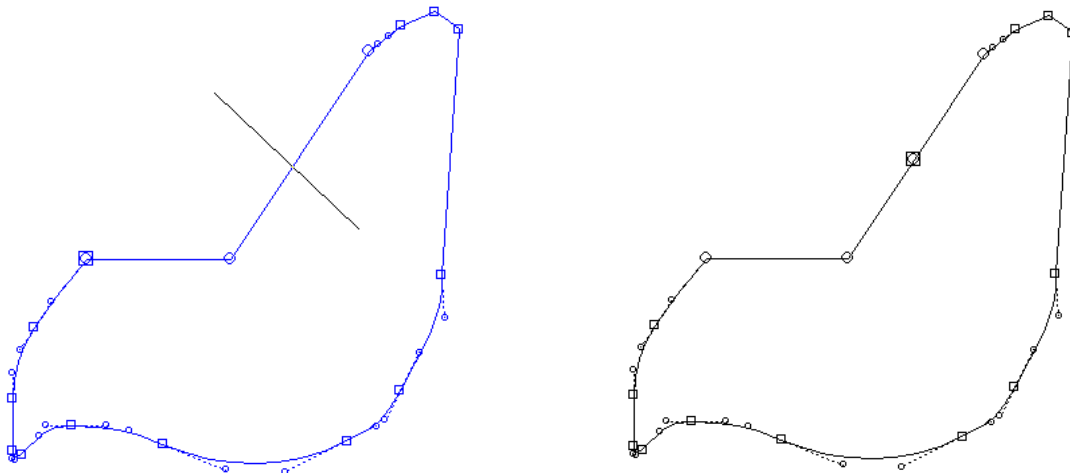
16. The Disconnect Point icon  will disconnect a point to convert a closed contour to an open contour. Select the point that you want to disconnect and click on the icon.



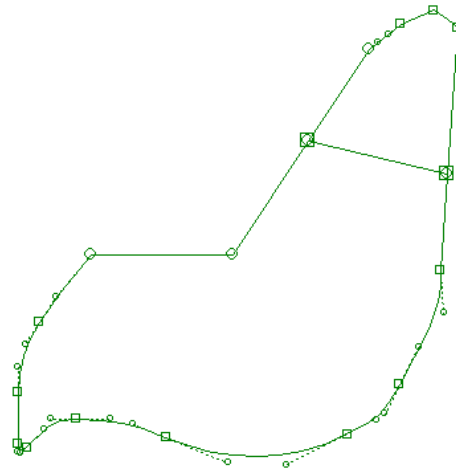
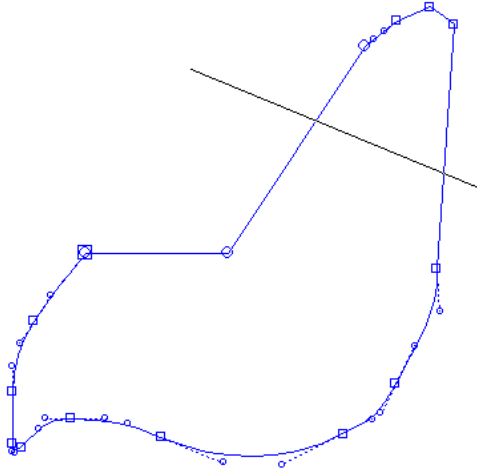
17. The Auto-connect icon  will automatically connect the start and end points in an open contour to create a closed contour. With the contour in the Point Mode, click on the Auto-connect icon.




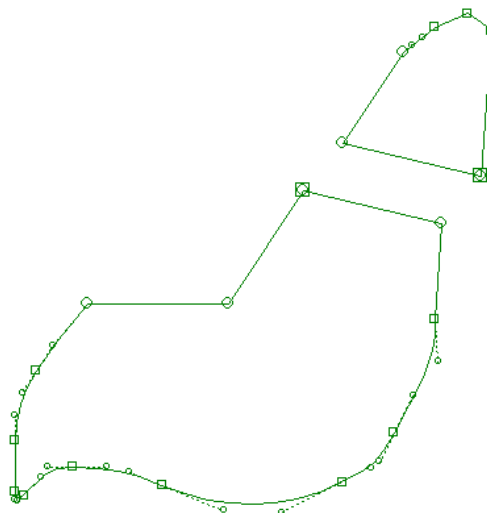
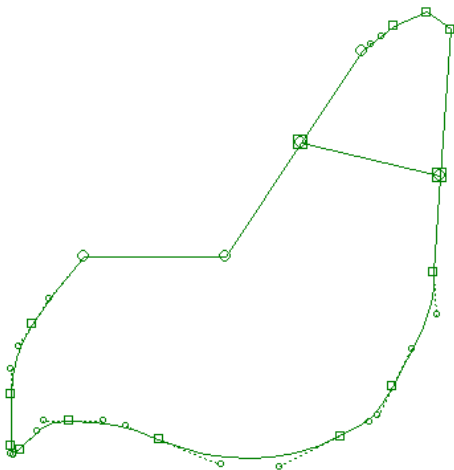
18. The Cut icon  will cut the contour at the point that you select. Click and drag the cursor through the line. It will cut the line and create an open contour.




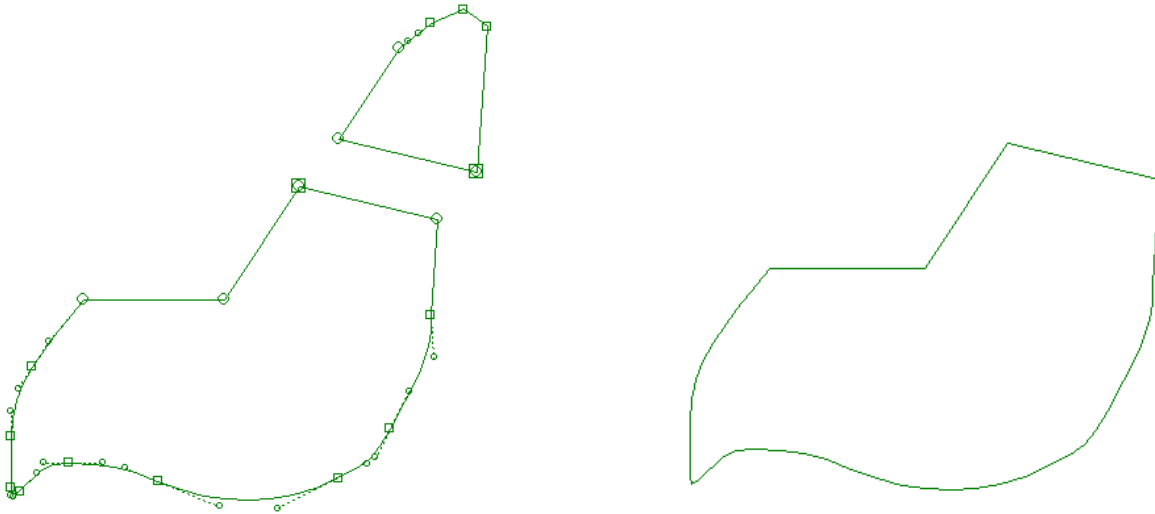
If you press and hold the Shift key while using the Cut Tool and drag all the way through the contour it will create two separate closed contours.




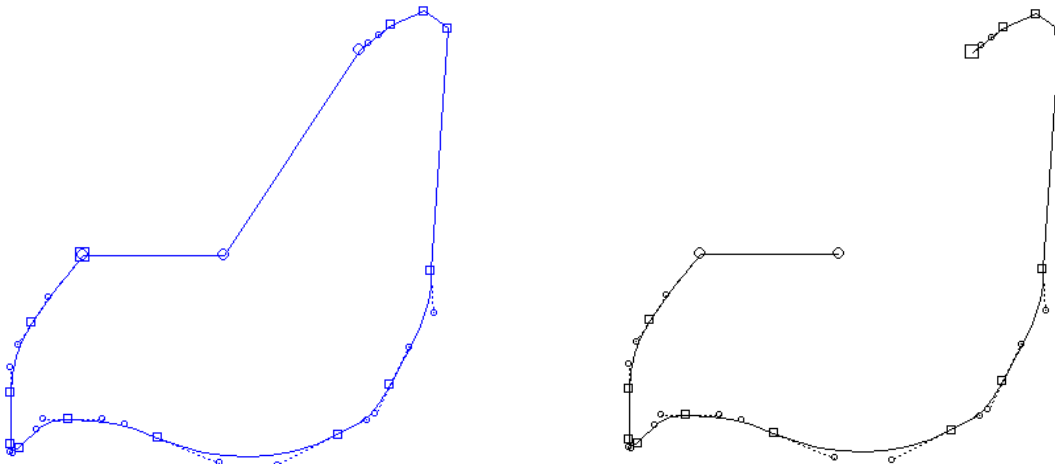
19. The Move icon  will allow you to move an object or piece of one. Click on the icon and then click and hold on the object that you want to move. Drag the mouse to the point where you want the object and release the mouse button.




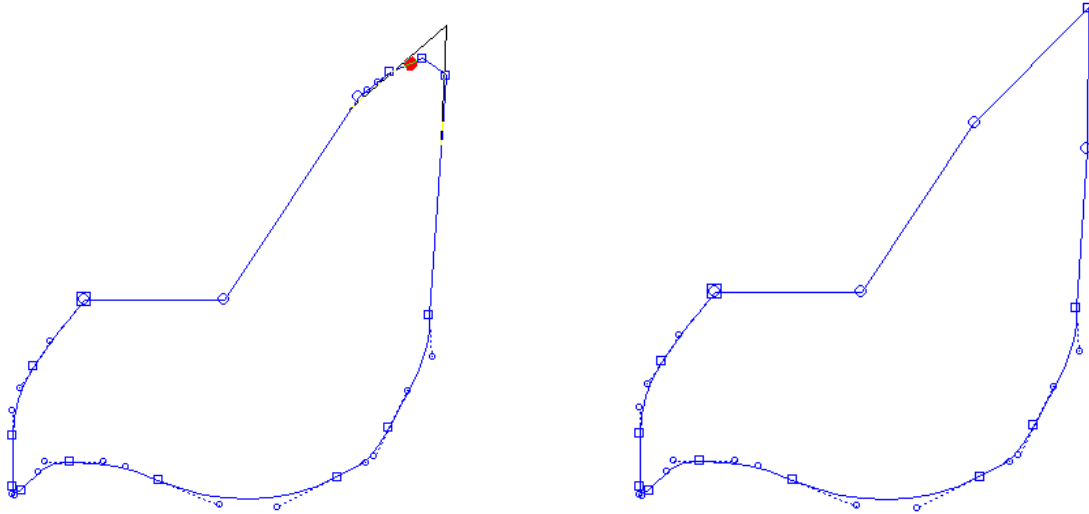
20. The Delete icon  will delete what you click on. If you have cut part of the object off then click on the icon and then on what you want to Delete.







21. The Cut and Delete icon  will allow you to delete a section of your contour. This will create an open contour but will also allow you to control the amount you delete. Click on the icon then click on your object where you want to start the delete process. Drag your mouse to the point where you want the delete process to end.

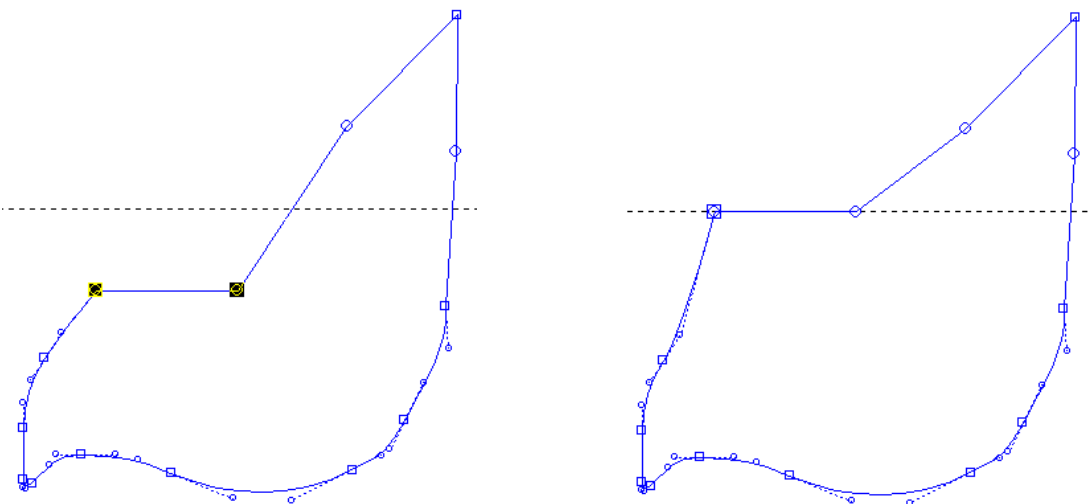




22. The Convert to Angle icon  will change the shape of your contour to a sharp corner. You control the shape by dragging the mouse. Click on the icon and then click on the shape where you want the angle to start. Then click on the finish point of the angle. Now go to the center of that line that you just formed and click where you want the point of the angle. If you are forming the angle across the Start and Finish point of the contour then press and hold the Select key while you are performing this entire function.



23. The rest of the Convert Tools work in the same manner, but create different looks to your contour. Convert to Line , Convert to Arc  and Convert to Curve . If you are forming the angle across the Start and Finish point of the contour then press and hold the Select key while you are performing this entire function.

24. The Vertical Projection icon  will project the point you have selected to a point on your work or to a guideline. Pull a guideline into you work to the point that you want to bring the points to. Select the points that you want to project and click on the Vertical Projection icon. Now click on the guideline. All the points that you select will be brought up to the guideline.



25. The rest of the Projection Tools work in the same manner, but will Project on different planes. Horizontal Projection  and Orthogonal Projection  follow the same procedures as the Vertical Projection.