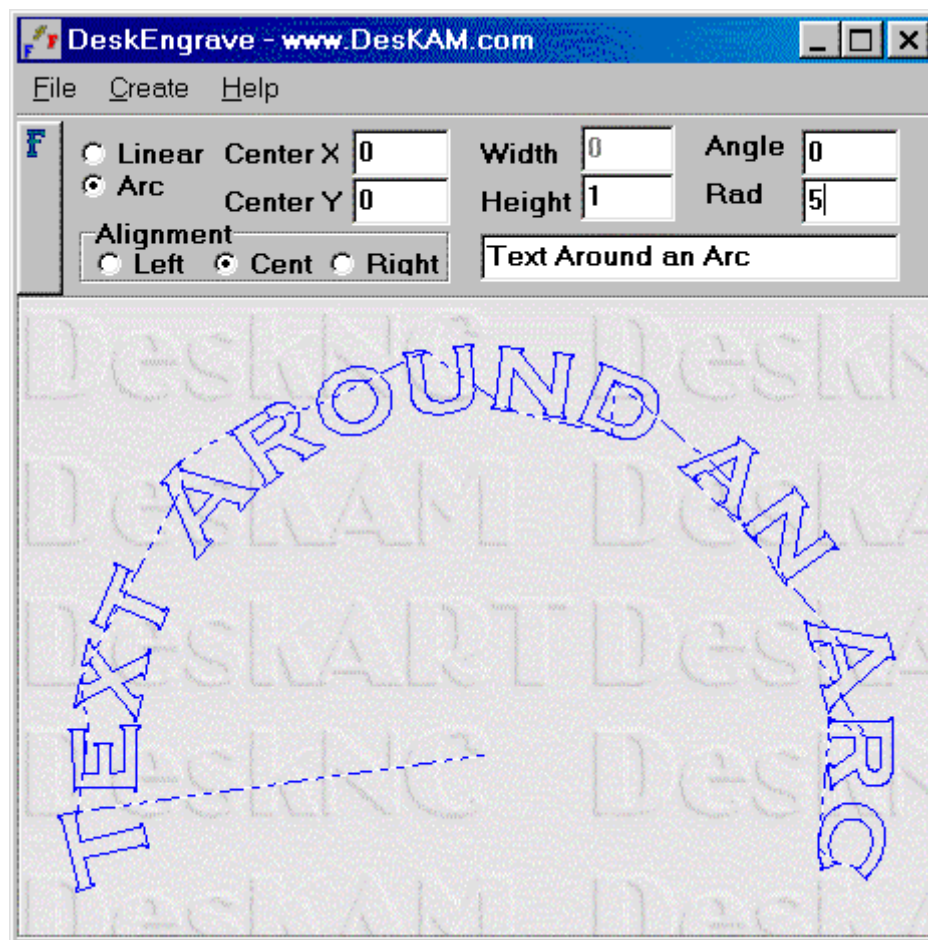




## DeskEngrave

DeskEngrave is a basic True Type Font to Vector Converter that allows saving of G-Code or AutoCAD R12 DXF files. It will convert a single line of text into the required toolpaths for engraving. It can create toolpaths aligned along an arc or straight line. It includes a TTF 'Stick Style' font - Stick40. It is being released to the CNC community free of charge.



We hope you enjoy using DeskEngrave !

**Linear/Arc**

Specify whether the toolpaths/dxf will be created along a line or an arc.

**Origin/Center XY**

Enter the origin when creating vectors along a straight line. This will set the position of the bottom left corner of the first character (if alignment is left) of the text. When creating along an arc, enter the center position of the arc.

**Alignment**

Specify whether the Origin/Start Angle position will be justified to the left, center, or right.

**Angle**

The positioning angle of the text when creating along an arc. 0 degrees is at the top (12 O'clock) and continues clockwise for positive angles. When alignment is set to center, the angle will be the position of the middle of the text.

**Rad**

Radius of the arc when creating along an arc. When creating along an arc, toolpaths are placed 'on top of the arc' and not 'inside the arc'.

**Enter Text Here**

Enter the text you wish to convert and press the 'Enter' key or the Create Icon. The text will be converted to vectors based on the current working Width or Height using the current parameters as set in 'Set Parameters'.

**Width / Height**

Enter the overall total width or height of the created vectors. The width (height) is based on the width (height) of the Fonts characters and will be close to this value but rarely exactly the same. You can enter either a width or a height but not both.

**Save G-Code**

Saves the created vectors in a standard G-Code file format.

**Save DXF File**

Saves the created vectors in a DXF R12 file format.

**Set Parameters**

- Depth : engraving depth of the resultant G-Code file.
- Rapid Height : height at which rapid (G00) moves will occur in the resultant G-Code file.
- Feedrate / Plungerate : rates at which engraving and plunging will occur in the resultant G-Code file.

- Precision : number of line segments each spline in a TTF is broken into. A higher value will increase the accuracy of the saved files while increasing the overall size of the saved files.
- Decimal Places : number of decimal places to use for the numerical values of the DXF or G-Code files.
- Start At : start point of the Line Numbering in a G-Code file.
- Increment : increment each line number is increased by in a G-Code file.

**Create**

Create the vectors. Same as pressing the 'Enter' key.

**Select Font**

Allows selecting any True Type Font to be used with DeskEngrave.