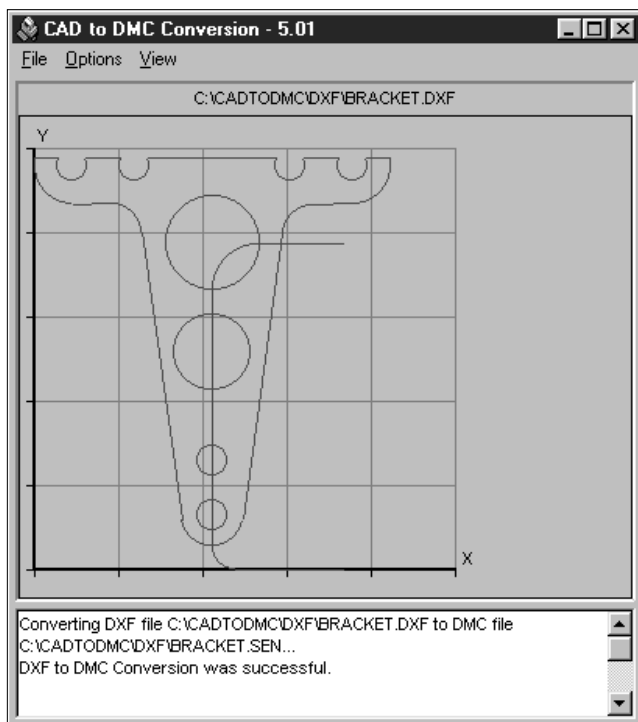


# AutoCAD Translator CADTODMC

## Product Description

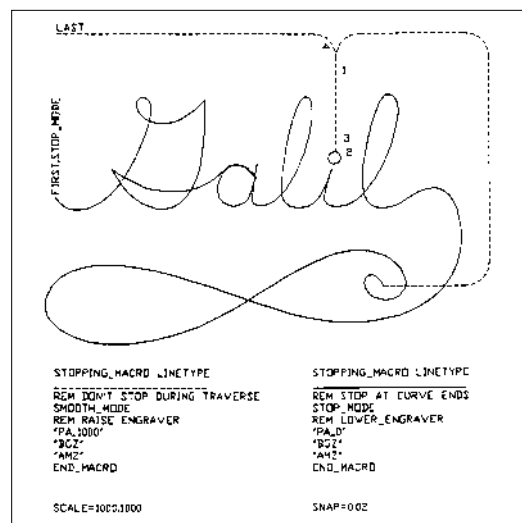
CADTODMC is a software tool that translates AutoCAD or equivalent .DXF files into controller motion commands. The designer draws the two-dimensional motion path using AutoCAD software and then uses the translator to obtain a DMC command file. Text macros, which call for specific operations along the path, can be incorporated in the drawing.

*This drawing shows how line segments and arcs can be connected to make a continuous path.*



## Features

- Translates AutoCAD® or equivalent .DXF file to .DMC controller file
- Translates two-dimensional contours including lines and arcs
- Can specify continuous or stop-start motion along motion path
- Translates motion dependent I/O events
- User-definable text macros can be defined on the CAD drawing
- Tool-offset feature
- Allows specification of first and last motion segments and path-order numbers



*This drawing is a motion description for an engraving machine. The line type directives form two functions. The cutting head is raised and lowered by the Z axis, and the motion mode is changed. The curves operate in STOP\_MODE so that large accelerations do not occur at the sharp corners in the letters. SMOOTH\_MODE is used for the traverse because the lines and arcs connect smoothly.*