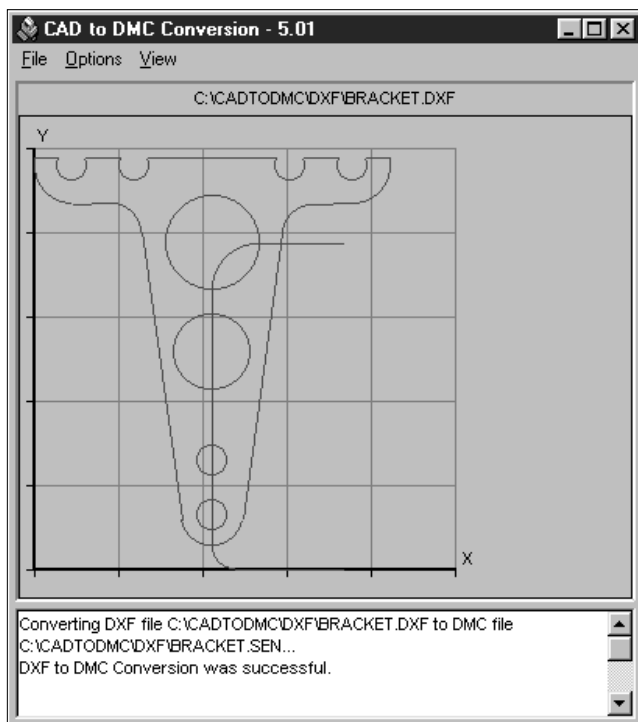


AutoCAD Translator CADTODMC

Product Description

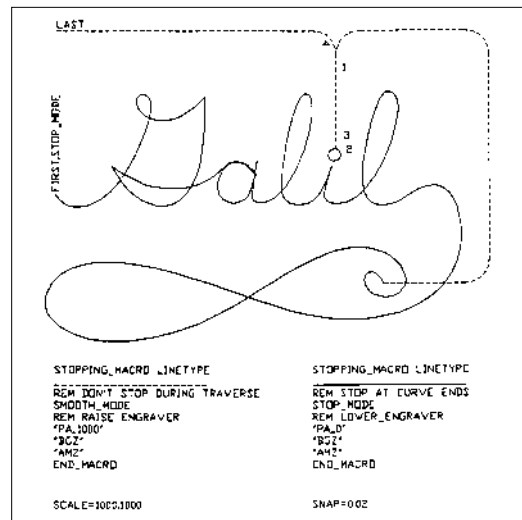
CADTODMC is a software tool that translates AutoCAD or equivalent .DXF files into controller motion commands. The designer draws the two-dimensional motion path using AutoCAD software and then uses the translator to obtain a DMC command file. Text macros, which call for specific operations along the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