



CAD Capabilities

AS9100-B

Nadcap AC7118

ISO 9001: 2000

The following is a list of CAD/CAM software, hardware, and file translation capabilities at Texstars, Inc.

Hardware:

Several PCs with Pentium IV processors running on the Windows XP operating system, scanner, digitizers, plotters, and printers.

Software:

CATIA V5 R17 / 2 seats

Vistagy/Fibersim / 1 seat

PRO-E / WILDFIRE 3.0 Solid Modeling / 2 seats

Inventor 2010 - Mechanical Desktop – (ACAD) / 4 seats

Surfcam Velocity 3.0 - A 3-D surface modeling program that outputs cutter paths to NC code files to our CNC mills, lathes, waterjets and 5 axis routers / 2 seats

File Formats:

AutoCad format (*.DWG) CATIA V4 or V5 (*.model or *.CATPART) Pro/ENGINEER Files (*.PRT) are the preferred method for file exchanges we are on the subscription program and always have the latest release. Translated models should be in STEP, Parasolid or IGES format.

We can convert the following formats:

- CATIA 4 Files (*.model, *.exp)
- STEP Files (*.STEP)
- Parasolid Files (*.X_T, *.X_B)
- IGES Files (*.IGS)
- ACIS Format PAR Files (*.PAR)
- ACIS Format SAT Files (*.SAT)
- SurfCam DSN Files (*.SCPRT, *.DSN)
- Solidworks Part Files (*.PRT, *.SLDPRT, *.SLDASM)
- Unigraphics UGII Files (*.PRT)
- Data Exchange Format DXF Files (*.DXF)
- ASCII lines, points, or surfaces in XYZ dataFiles (*.asc, *.txt)
- Stereo Lithography Files (*.STL)
- CADKEY Spline Mesh CADL Files (*.CDL)
- CADKEY Surface Patch SUP Files (*.SUP)
- Chrysler Standard Format CSF Files (*.CSF)
- Ford Standard Tape FST Files (*.FST)
- General Motors DES Files (*.DES)
- Numerical Control Ncc Files (*.ncc)
- Others

2-D File Formats:

We work with scanned drawing formats including Adobe PDF, Raster (TIFF, JPG, BMP), Metafiles WMF, CGM, CALS, and others.

All files sent for translation can be on MS-DOS diskettes, CD-ROM, 100Mb ZIP disks. Files may be attached to E-mail sent to david.malmstrom@texstars.com. Files may be compressed in ZIP format or any self-extracting compression method. I hope this description is sufficient for you to send the required drawings and files. If you have any suggestions for upgrading our translation programs, please let us know.