

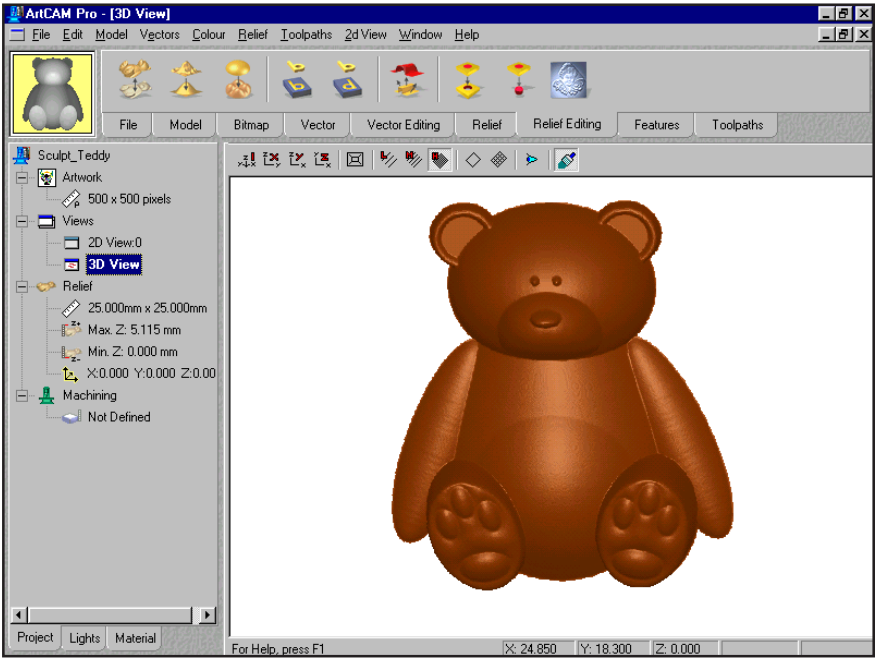
Computer Integrated Manufacturing
ArtCAM SOFTWARE
CNC Software for Milling Machines & CNC Lathes
Video Conferencing
Virtual Reality
Technical support



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ArtCAM Pro

A 3D CAM package allowing 3D models to be created quickly and easily from 2D images.



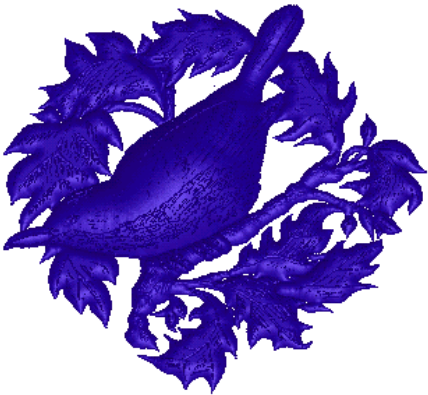
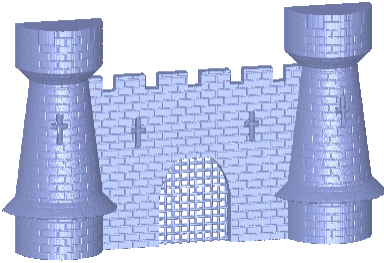
Multiple toolpaths are easily generated for roughing, finishing, and engraving. Toolpaths can be simulated to allow complete visualization of the product before manufacture. Completed models can be colored, shaded, and rendered using multiple light sources, light types, materials, and colors.



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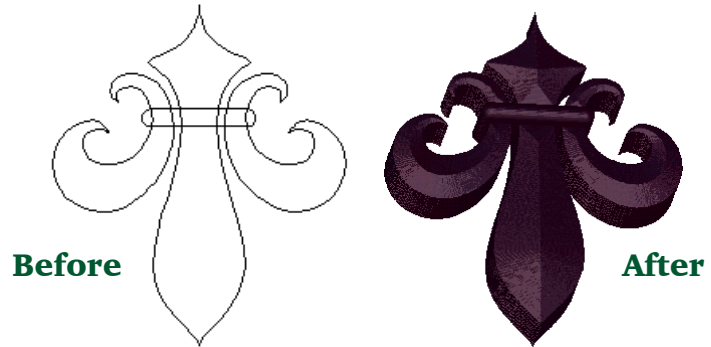
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ArtCAM Pro is fun and interesting making it appealing to a wide range of users - simple enough for students while powerful enough for advanced users. It teaches real CNC and 3D modelling skills.

ArtCAM Pro is the solution of choice for manufacturers of jewelry, engraving, molds and dies, packaging, signs, and much more. Its versatility has been proven time and again where it counts most - design speed and reliable CNC toolpaths.

Artwork complexity and sophistication are no obstacles, as ArtCAM Pro can produce 3D reliefs from the simplest shapes to the most complex and fluid designs including machining and engraving. All this is achieved without compromising creativity or quality.



Major Features

- Import scanned artwork
- Import vector based artwork from graphics packages
- Fix text to vectors
- Drilling & pocketing
- Easy creation of complex 3D designs
- Interactively sculpt and modify 3D images
- Advanced color shading allows product visualization
- True 3D ring design
- Fast, accurate 3D laser machining
- Create toolpaths using a wide range of machining strategies
- Accurately simulate and assess toolpaths before manufacture
- Output to a wide range of routers, engraving, and milling machines
- Standard 3D clipart library containing over 500 items
- Both standard and user definable 3D textures can be applied to designs

Unique software features

- 3D modelling - the design process starts with 2 dimensional artwork as either vector based eps, dxf, ai, files or bitmap based tif, pcx, or jpg files.
- 2D vector shape creation tools.
- Interactive sculpting
- Texturing - apply custom or preset textures to a 3D model.
- Swept profiles - create a range of 3D extrusion & rotational effects
- Celtic waves - produce over-under effects found in Celtic weaves and designs.
- Machining - toolpath generation with powerful roughing, finishing, feature machining, and engraving features
- Simulation - simulate your toolpaths in 3D
- 3D Ring Design - See your wrapped rings created in 3D. Rotary 4 axis toolpaths can be calculated.

Minimum Computer Requirements:

- IBM or 100% compatible computer
- Pentium III Processor
- 128MB RAM
- Windows 95
- 8 MB Video Card (NVIDIA GeForce chipset recommended) w/true color graphics (16 bit)
- CD-ROM Drive
- Color Monitor
- Keyboard & Mouse

Total Commitment to Manufacturing Technology in Education, Training, and Prototyping Worldwide

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