



ArtCAM Pro for Signmaking and Woodworking

www.delcam.com



ArtCAM Pro is the number one CNC routing solution for Signmaking and Woodworking. ArtCAM transforms ideas into finished products far more quickly than is possible using conventional methods. Even in cases where a hand-finished look is desired, ArtCAM accelerates production.

Using ArtCAM Pro and a CNC router the designer is able to produce high quality products which incorporate fine surface details and superior finishes, helping differentiate products in today's competitive markets.

"Having been a signmaker and sculptor for twenty five years and an ArtCAM user for two, I believe the software is the most powerful tool a 3D artist can have" Joe Valasek – Owner, Woodscape Designs, Oregon, USA.

2D Design Tools

ArtCAM lets you create designs by either importing vector or bitmap files made in other programs or by drawing with ArtCAM's integrated suite of vector and bitmap creation tools.



ArtCAM's vector drawing tools allow you to create many shapes including circles, rectangles, stars and polylines. You can also align, scale, merge, and position the objects dynamically. Text can be created and re-edited at any time and has adjustable kerning and letter spacing properties. Also dynamically position your text with the, 'Text on a Curve' feature.

True Shape Nesting automatically nests vector shapes into a definable block of material, minimising material wastage when the shapes are routed out. It also calculates the boundary left after cutting, so more jobs can be nested and cut from the leftover material.

3D Model Creation

ArtCAM allows you to build complex 3D models from both vectors and bitmap images. Advanced modelling operations include the ability to create weave patterns, complex swept extrusions and 3D lettering.

ArtCAM's sculpting tools allow you to modify your 3D designs interactively, blending regions to give a 'hand-crafted' look and feel. Adding 3D textures is easy and eliminates the need for manual sand blasting.

Machining Strategies

ArtCAM Pro provides flexible machining strategies that are fast, accurate and most importantly very reliable.

Machining strategies include Area Clearance, Pocketing, Profile cut-outs, Inlays, Inserts and 3D Engraving. ArtCAM also allows you to machine Bevelled or V-Bit Incised shapes from vectors for a realistic hand carved effect.

Toolpaths can be created, saved and re-edited with ease. ArtCAM has a wide range of highly efficient toolpath strategies within its database, to drive your CNC router and help minimise your production times.

