



For Jewellery Design & Manufacture

“For complex models with intricate patterns, you achieve a degree of accuracy that would require years of experience in classic model making.”

Hilde Van Camp
L&A Juwelen
Belgium



What Is ArtCAM?

ArtCAM JewelSmith is Delcam's proven software solution for the jewellery industry. For more than 10 years our unique approach to 3D modelling for manufacture has transformed simple concept designs or sketches into the highest quality products for thousands of customers around the world. ArtCAM combines cutting-edge design and modelling capabilities with a fully-integrated range of powerful manufacturing strategies.



👉 *The versatility of the program, the easy transition from workshop drawings to vectors, then to the 3D model makes it easy to do whatever my clients want.* 🙌

Brenda Radford
Radford Studios
Ontario, Canada



Business Benefits

ArtCAM gives you the power to produce high quality, intricate designs for a variety of markets. From one-off pieces to full-scale production, ArtCAM allows you to reduce your delivery times while increasing your efficiency. Expand the range of products and services you can offer to your customers with ArtCAM.

Our innovative and award-winning manufacturing process gives you the fastest time from on-screen design to finished piece.

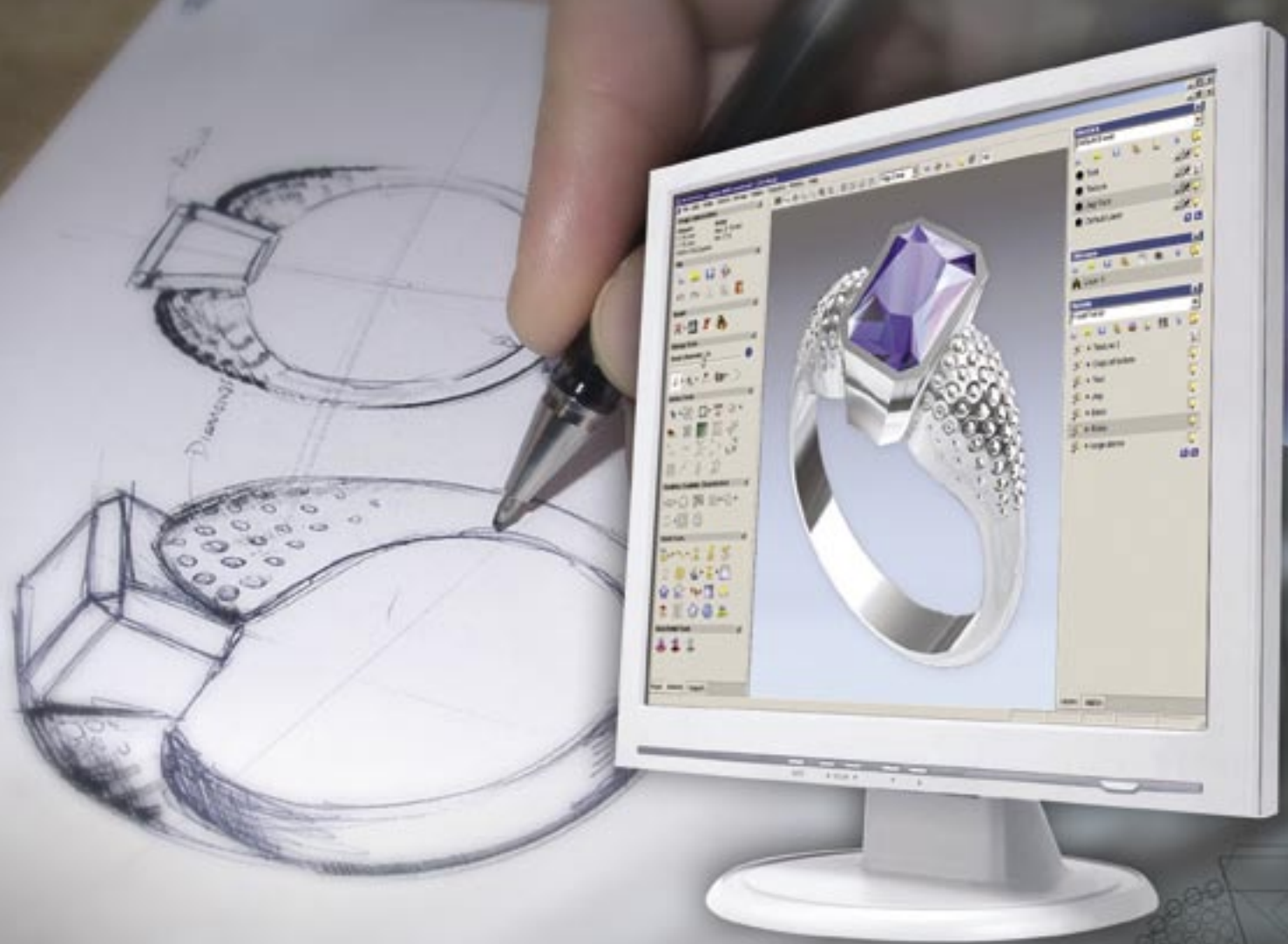
A uniquely intuitive, yet extremely powerful modelling process that is specifically tailored for artists & creative designers.

Fully integrated machining using world-leading toolpath strategies. Support for more than 200 CNC machine tools and rapid-prototype machines.


Gain business from your competitors who don't have the technology and take on those projects that you could never have previously considered.

Cut your costs and increase your profit.









“ Ranges that would have taken me weeks to produce I can now design and make in days with ArtCAM, all without sacrificing creativity or quality. ”

Phil Blakeman

Chief Designer - Alcami Services
United Kingdom

Design

Quickly create detailed designs from sketches, pictures or photographs. Import existing 3D models to edit, decorate or use as '3D clipart' to create something totally new. Extensive drawing and painting tools, together with ArtCAM's intuitive 3D shape creation, allow you complete creative freedom.



Start your design using ArtCAM's comprehensive support for scanned pictures, 3D objects, photographs, images from the Web or even re-use any element of a model you have previously created.



Add smooth or geometric shapes, complex weaves, textures and detail to your ArtCAM design. Personalise each piece with text, logos and symbols. Design with confidence.



Visualise your final product on screen. Use your own colour schemes or choose from a wealth of customisable materials including wood, metal, and enamel finishes.

“ Even though I do not have any previous bench work experience ArtCAM JewelSmith enables me to design and manufacture bespoke jewellery items for our clients. JewelSmith also enables me to design items using uncalibrated and odd-shaped gems. ”

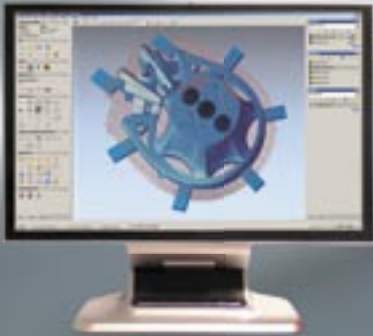
Paul Walsh

Sales Manager - Ken Carr
London, UK



Manufacture

Everything you design in ArtCAM is ready for manufacture. ArtCAM supports a wide range of manufacturing processes including CNC machining, laser cutting and rapid prototyping. Using Delcam's world-leading toolpath technology to produce reliable, fast and efficient toolpaths, ArtCAM will maximise the capabilities of your machine tool.



Select your tools from a comprehensive and customisable tool database or use toolpath templates to store and retrieve your frequently used tools and strategies.



The Machining Wizard, with support for hundreds of machine tools, allows you to cut full 3D models - including rings, bracelets, pendants and earrings - using ArtCAM's multi-axis or indexed machining support.



Create water tight triangle meshes from your ArtCAM models every time. Save them in industry standard formats for Rapid Prototype manufacture.

The Toolbox

Design For Manufacture

You can turn artwork into detailed 3D models quicker than you ever thought possible with ArtCAM's powerful modelling tools.



Unrivalled Relief Modelling

Easily organise and change your 3D model using ArtCAM's unique 3D relief layer management system (patent pending).



Embossing, Sculpting & Texturing

ArtCAM gives you the power to design distinctive pieces in total freedom with our comprehensive, advanced feature set.



Text Editing & Font Creation

ArtCAM provides full control of size, spacing, layout and wrapping of text to curves and shapes. ArtCAM also comes with a fully-featured font creator for making your own specialist fonts or symbol libraries.



Take your designs further than you ever thought possible...

Delcam Designer

Created to complement ArtCAM's modelling & manufacturing tools perfectly, Delcam Designer is an optional, fully-featured, surface & solid modeller.



Realistic Rendering

Quickly render a 3D model of the finished design that you can easily rotate, move or zoom. Produce high quality ray-traced renders of designs for marketing or customer approval.



Gem Stones & Settings Library

ArtCAM JewelSmith comes with an extensive and customisable library of gems and setting designs.



Import Major File Formats

Import model files and data from all major 3D modelling or 2D design programs. Cut them directly, engrave them, or use them to create novel designs.



“ArtCAM support has always been first class and joining the ArtCAM Advantage program has been one of my best investments.”

Larry Egelhoff -
President, BEECO Inc.
Indianapolis, USA



Support & Training

Delcam's resellers worldwide are dedicated to supporting you. Your investment in ArtCAM will be rewarded with our commitment to support, training and future developments as we continue to expand the capabilities of your software.

Support & Training

Our aim is to ensure that you can get the maximum return on your investment in our products as soon as possible. Delcam and its dedicated support and training network of over 350 offices worldwide, ensure that your time is spent generating extra business and extra profit for your company.



Online Resources

The ArtCAM User Forum is a free resource open to everyone. Currently home to over 6,000 registered users with 20,000 ArtCAM related topics. You can ask a question, download a tutorial, or just browse the showcase to see the latest designs from ArtCAM users.

<http://forum.artcam.com>



ArtCAM Advantage

Maximize the benefit from your ArtCAM investment with the ArtCAM Advantage package. Included in the package is a wealth of online technical resources, discounts on other ArtCAM related services and an annual major software upgrade.

<http://advantage.artcam.com>



www.artcam.com

www.delcam.com



ArtCAM Express is designed specifically for the smaller business. ArtCAM Express is easy to use, quick to learn, and powered by ArtCAM's award-winning design & manufacturing engine.

ArtCAM Insignia combines the simplicity of ArtCAM Express with more sophisticated design and manufacturing tools. It focuses on optimisation, productivity & automation, saving time, materials and money.

ArtCAM Pro provides a total solution for professional design and manufacture. ArtCAM JewelSmith adds jewellery specific tools to this mix. Uniquely flexible 3D modelling tools, combined with an unrivalled range of manufacturing technologies in one fully-integrated package.

With our seamless upgrade path, ArtCAM will grow naturally with your business.

Small Heath Business Park
Small Heath
Birmingham
B10 0HJ
UK

+44-121-766-5544

3280 Electricity Drive
Windsor
Ontario
N8W 5J1
CANADA

+1-877-DELCAM1

marketing@delcam.com

275 E. South Temple
Suite 305
Salt Lake City
Utah 84111
USA

+1-877-DELCAM1

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