



Artistic CAD/CAM Software Solutions

www.artcam.com



Complete CAD/CAM Solutions

- A wholly-owned, independently-operated subsidiary of Autodesk
- 150 offices and partners in over 80 countries
- More than 800 employees
- The world's largest CAM development team*
- 50,000 customers worldwide
- 40 years of experience developing CAD/CAM solutions
- Headquartered in a purpose-built 63,000 sq. ft. facility in Birmingham, UK

DID YOU KNOW?

ArtCAM has been developing artistic design & manufacturing solutions for 20 years+



Artistic CAD/CAM Software Solutions



ArtCAM provides a unique solution for artists and designers to produce intricate manufacturable models without the need for conventional technical or engineering skills.

Spanning the gap between artisans and engineers, ArtCAM provides the core modeling and manufacturing environment for thousands of businesses covering a diverse range of markets including; coinage, signs, jewelry, furniture, packaging, architectural pieces, ceramics, musical instruments, movie props and even ice sculptures.

Whether you are a hobbyist or large multinational company, Delcam's fully scalable and customizable family of ArtCAM products ensures that you have a product for your current and future needs.

Imagine What You Can Create...Create What You Can Imagine

- | | | | | |
|---|--|---|--|---|
| REDUCE TIME TO MARKET
Minimize time spent designing and manufacturing to get new designs to market faster | INCREASE PROFITABILITY
Assess model efficiency at all stages of design and manufacturing to achieve your target cost | MAXIMIZE PRODUCTIVITY
Bid for more work or subcontract others thanks to better throughput and less downtime | CUSTOMIZE FOR YOUR BUSINESS
We can customize Delcam ArtCAM software to meet the needs of your business | CONTINUOUS DEVELOPMENT
Take advantage of regular updates and free tutorial videos |
|---|--|---|--|---|

Connect with Delcam ArtCAM

- www.artcam.com www.delcam.tv/artcam forum.artcam.com
www.youtube.com/delcamartcam www.facebook.com/delcamartcam www.twitter.com/delcamartcam



*According to CIMdata

ArtCAM JewelSmith

ArtCAM JewelSmith is a unique solution tailored to the jewelry industry, offering relief modeling from ArtCAM Pro together with an extensive library of jewelry components and design tools.

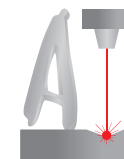
With ArtCAM JewelSmith you can design and manufacture pieces quickly and easily to create personalized jewelry pieces through to new complete lines. Its unique software tools guide you through the process from importing a conceptual sketch through to CNC machining, 3D printing or laser machining a final piece or mold for mass-production.

www.artcam.com/jewelsmith

Using ArtCAM JewelSmith software means I can still think like a craftsman... It's quick and simple to use and the terminology is very familiar... As your understanding grows, designing bespoke jewelry becomes easy.

Lee Graham, Grahams the Jewellers

Make it



- Calculate jewelry weight
- Add supports for the wax casting process
- Rotary machining
- Multi-sided machining wizard

Use your own custom gems

Create lifelike images with integrated KeyShot® rendering

Freely sculpt designs

Morph relief artwork

Access an extensive library of components

Emboss 3D models

Create complex weaves

Use the pave wizard to wrap settings & gems

DID YOU KNOW?

You can create interactive web images & video animations of your jewelry with the optional Advanced KeyShot® Rendering package.

BUSINESS BENEFITS

Combine relief, surface & solid modeling

CNC & rapid prototyping services

Software developed & tested by our own jewelers

Strong relationship with machine suppliers

ArtCAM Pro

ArtCAM Pro is Delcam's advanced artistic CAD/CAM software. It enables users worldwide to design and manufacture complex 3D models or sculpted reliefs quickly and easily.

The software comes with an array of 2D and 3D design and manufacturing tools, including tailored functionality to meet industry specific needs, so that you have all you need to manufacture high-end artistic designs.

Pro can create anything from: dies for coins, embossing and foiling dies, signs, furniture, packaging molds and sculptures amongst many others. Pro is also a perfect accompaniment for other Delcam solutions in the footwear, aerospace and automotive industries.

www.artcam.com/pro

Innovative drawing & font creation



Assemble multiple 3D models



ArtCAM Pro is an incredibly powerful software package we use for a variety of product lines. The software has never limited what we can achieve. The limitations have become the ready available tooling and our imagination...

Doug Sealy, Heritage Creations Inc.

Machine specialist surface finishes



Create natural or geometric textures

Advanced sculpting



Analyze relief heights & angles
- Specify colors for different height regions & edge gradients

Manipulate & arrange reliefs

Advanced sculpting

Make it



- Use advanced strategies for RP, Laser engraving and CNC machining
 - Apply multi-sided & rotary machining toolpaths
- Custom post-processors can be made for your machinery
 - Simulate your toolpaths



Like to see how this coin was made?

DID YOU KNOW?

ArtCAM currently supplies over 60% of the world's mints.

BUSINESS BENEFITS

Model with complete artistic freedom

Use ArtCAM & Delcam Designer to create or work with both full 3D models & reliefs

Powerful machining for intricate detail

ArtCAM Insignia

ArtCAM Insignia is Delcam's introductory 3D modeling and production machining package. It enables you to create or work with existing 2D designs which can be quickly transformed into a 3D relief all of which can be machined with a range of 2D and 3D machining strategies.

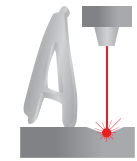
Insignia is a proven solution for many industries including: Sign making, mold tool engraving, furniture manufacture and packaging design amongst others.

www.artcam.com/insignia

ArtCAM Insignia has allowed us to increase productivity, maintain consistency and create original designs. It is a must-have tool for any CNC owner.

Mike Crowder, Crowders Custom Cabinets Inc.

Make it



- Automatically nest your pieces
- Match your machine's drill bank
- Create triangle meshes for laser, RP or export
- Use templates to keep track of cutting tools & associated parameters

Use vectors to make unique 3D shapes



Create intricate weaves



Make structured textures & patterns



Create 3D shapes from bitmap images

Remove blemishes from imported artwork, visible joins & sharp edges

Create accurate inlays



Invert relief designs & add draft angles for mold production



DID YOU KNOW?

Interior designers create feature walls in ArtCAM for restaurants, hotels and bars.

BUSINESS BENEFITS

Easily expand into broader markets with ArtCAM

Upgrade to more powerful solutions as your business grows

Work with an array of file formats

ArtCAM Express

ArtCAM Express is Delcam's entry-level artistic CAD/CAM software that allows you to create 2D designs and manufacture 2D and 3D pieces quickly, easily and cost-effectively.

Starting from as little as \$149, this affordable entry-level CAD/CAM software requires little or no machining knowledge, making it the perfect option for any new router owner. Unique software tools guide you through the entire process, from conceptual sketch to the finished piece or mold. What's more, you purchase additional features to create a fully bespoke CAD/CAM solution.

www.artcam.com/express

If anyone is considering buying Express, I think that they should go for it! It's a good starter package, decent price and you can expand when your needs grow by adding modules.

Youssef Benzaoui, USA

Simulate a 3D view of your model & any calculated toolpaths

Use drawing tools or import vector artwork

Identify & correct common vector problems

Cut-out, drill, clear away surplus or add a hand-carved look

Create accurate inlays & inserts

Add text (Open & True-Type fonts)

DID YOU
KNOW?

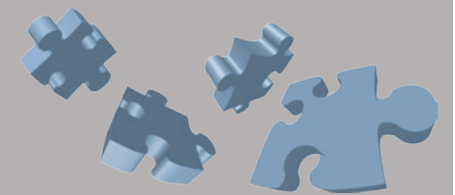
You can find out more from the ArtCAM YouTube channel or by chatting to the ArtCAM community on our Forum.
www.youtube.com/delcamartcam | forum.artcam.com

BUSINESS
BENEFITS

No CAD/CNC
machining
experience
required

Direct support
for 300+ CNC
machines

Speed &
reliability means
you can take on
more projects



You can also increase the 2D design & machining functionality in Express by purchasing modules. Some of the modules include:

Vector Tools

For faster 2D design & machining preparation.

Bitmap Layers

Turn individual image layers on & off whilst you design.

Advanced 2D Machining

Give a superior machining finish to your 2D machining, such as profiling, area clearance, inlays...

Nesting

Save time & material by automatically nesting vectors & bridges.

Texture Toolpath

Create interesting repeating patterns & textures.

Bevel Carving

Create a hand-carved look or add beveled edges e.g. for frames, molds & signs.

Fluting

Texturize using vectors and the geometry & motion of the cutting tool.

For a full list why not visit our site?

Access 600+ free reliefs



Import 3D
models



Chocolate molds



Medals of honor



Stage sets



Signs for holiday resorts



Signs for restaurants



Movie props



Decorative pillars & columns



Packaging molds



Dies for drink bottle labels



Ice-sculptures



Wall reliefs

System Requirements

The ArtCAM range is versatile enough to be used on many ©Windows-based systems. Please review our recommended system requirements below to evaluate whether your current system will be compatible.

Minimum System Profile



Processor Type & Speed: Intel Core i5 (or equivalent)
RAM: 4GB
Graphics Card: 1GB fully OpenGL 2.0 and DirectX 11 compliant graphics card
Hard Disk Size: 120GB or more
Screen Display: 1920 x 1200
Operating System & Version: Windows 8 64-bit, Windows 7 64-bit & 32-bit

Recommended System Profile



Processor Type & Speed: Multiple core 64-bit processor, such as high-end AMD FX or Intel Core i7
RAM: 16GB or more
Graphics Card: NVIDIA Quadro or AMD FirePro dedicated graphics card (2GB+ fully OpenGL 2.0 & DirectX 11 compliant)
Hard Disk Size: 500 GB or more
Screen Display: 1920 x 1200
Operating System & Version: Windows 8 64-bit, Windows 7 64-bit
Additional Hardware/Software: Wacom pressure sensitive tablet for Interactive Sculpting (if desired)

For more information, visit www.artcam.com

Maintenance & Support

Take advantage of a maintenance contract to stay ahead of your competitors.



Access to industry professionals

We employ design and engineering professionals with backgrounds across a range of industries to specifically answer your queries.



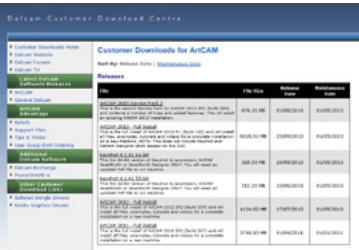
Frequent software updates

Receive frequent updates to ensure that your software gives you maximum return on investment.



Local help and support

Your local sales partner can provide all the help and support you need in your language.

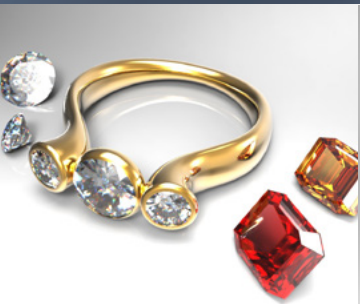


Exclusive web pages for maintenance customers

Here you can download ArtCAM releases before their official release as well as reference an ArtCAM expert compiled library of tips & tricks.

Complementary Products

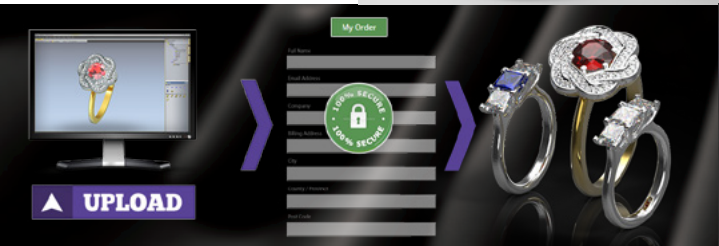
Delcam's range of design, manufacturing and inspection software provides complete, automated CAD/CAM solutions, to take complex shaped products from concept to reality.



Delcam Designer

A fully featured Surface & Solid Modeling program, which together with ArtCAM, lets you create impressive, complex pieces quickly and easily.

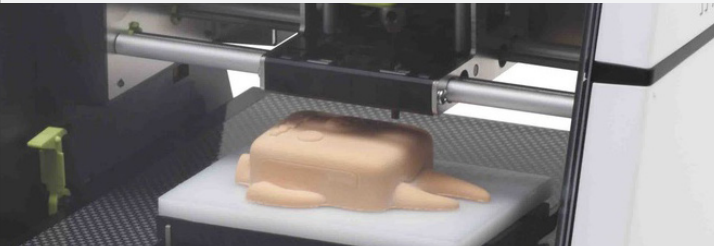
www.artcam.com/delcam-designer



ArtCAM 3D Easy

Available to anyone making 3D models. Simply upload your 3D design and receive castable resins or finished models.

www.artcam3deasy.com



Delcam CNC

Delcam offer a range of CNC machines as well as milling tools, materials and fixtures for many machine tools.

www.delcamcnc.com



*Imagine What You Can Create...
Create What You Can imagine*



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Delcam

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