

Choose Your ArtCAM 2011 Solution

Our unique and scalable product family ensures that ArtCAM will grow naturally with your business.



Installation

NEW 32 Bit & 64 Bit Versions	✓	✓	✓
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Customisation

User Interface	✓	✓	✓
NEW Save Customised Layouts	✓	✓	✓

Working In The 2D View

Import, Edit, Cut Bitmap Images	✓	✓	✓
Asymmetric Resizing of Models During Design	✓	✓	✓
Import, Edit, Create Vectors	✓	✓	✓
Create Text	✓	✓	✓
Bitmap & Vector Layers	↓	✓	✓
Create Fonts	↓	✓	✓
Bend & Warp Vectors (Lines)	—	✓	✓

Working In The 3D View

Painting & Drawing	✓	✓	✓
Colour Shape Editing	—	—	✓
Assembly Component Selection	—	—	✓
Relief Analysis Tool	—	—	✓
Sculpting	—	—	✓

3D Relief Modelling

Convert Images To Reliefs	✓	✓	✓
NEW Relief Clipart Library (+130 New Reliefs)	✓	✓	✓
NEW Manipulate Multiple 3D Clipart Reliefs	—	—	✓
Create Complex 3D Models From 2D Images	—	—	✓
NEW Blend, Sculpt, Bend & Warp Shapes	—	—	✓
Sweep, Extrude, Turn & Spin Artwork To Make Shapes	—	—	✓
Create Textures, Patterns & Complex Weaves	—	—	✓

Key: ↓ These are available as modular upgrades

3D Relief Modelling Continued...

	Express	Insignia	Pro
Build Complex Designs From Dynamic Relief Layers	—	—	✓
Create Triangle Meshes for Rapid Prototyping	—	—	✓
Double Sided Relief Modelling	—	—	✓
Build Sophisticated Project Assemblies	—	—	✓

3D Sculpting

2D View Shading & Colour Selection	—	—	✓
Advanced Sculpting Tools	—	—	✓

Embossing

Relief Scale Tool Embossing	✓	✓	✓
Embossing Wizard	—	—	✓

Nesting

Nesting Toolpath & Vector Capabilities	↓	Advanced	Advanced
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2D Machining

Profiling, Drilling, V- bit Carving, Inlays & Area Clearance	✓	✓	✓
Advanced Profiling	↓	✓	✓
2D Texture Strategy	↓	✓	✓
Smart Engraving & "Raised round" Strategy	↓	✓	✓
Templates, Panelling, Bevel Carving	—	✓	✓
Drill Banks	—	✓	✓

3D Machining

Multi-threaded Rastering	✓	✓	✓
V- bit Carving With Integrated Roughing	✓	✓	✓
Feature Machining	↓	✓	✓
Advanced Machining (E.G. Offset, Spiral & Laser)	—	—	✓

Machining Simulation

Simulation Capabilities	Basic	Standard	Advanced
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File Input / Output

File Support	Triangles & Rhino / ↓	All Formats	All Formats
3D PDF Export Capabilities	Standard	Standard	Advanced

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