

Choose Your Solution

ArtCAM 2013

Delcam's scalable and fully customisable product family ensures that ArtCAM grows naturally with your business

Express



Insignia



Pro



Available in 32 / 64 Bit Formats

2D Design

Import, Edit, Cut Bitmap Images	✓	✓	✓
Paint, Draw & Write Text	✓	✓	✓
NEW Import, Edit, Create & Sort Vectors	✓	✓	✓
Bitmap & Vector Layers	↓	✓	✓
Create Fonts	↓	✓	✓
NEW Bend & Warp Vectors (Lines)	—	✓	✓

Standard 3D Design

Relief Clipart Library (600+ Free 3D Models)	✓	✓	✓
NEW Smooth, Scale & Emboss Reliefs	✓	✓	✓
Clipart Management	Basic	Advanced	Advanced
Convert Images To Reliefs (Relief From Image)	Basic	Advanced	Advanced
Make Structured Textures & Patterns (Texture Relief)	—	✓	✓
Offset Your Relief Inwards / Outwards (Relief Offset)	—	✓	✓
Fade Or Evenly Smooth A Relief	—	✓	✓

Intermediate 3D Design

3D Models From Vectors (Shape Editor & 2 Rail Sweep)	—	✓	✓
3D Face Profile Creation (Face Wizard)	—	✓	✓
Make A Rotary Relief	—	✓	✓
Create Triangle Meshes for Rapid Prototyping	—	✓	✓
Manipulate Multiple 3D Clipart Reliefs	—	Basic	Advanced
Extrude, Turn & Spin Artwork To Make Shapes	—	—	✓

Advanced 3D Modelling / Sculpting

Smooth & Erase Sculpting Tools	—	✓	✓
Advanced Sculpting (Deposit, Carve, Smudge, Transfer, Sculpt Under A Mask)	—	—	✓

Key: ↓ These are available as modular upgrades

Advanced 3D Modelling / Sculpting

	Express	Insignia	Pro
NEW Interactively Blend, Bend & Distort Relief Artwork	—	—	✓
Make Complex Weaves (Weave Wizard)	—	—	✓
Create Organic Textures E.G Hair & Scales (Patent Pending Technology -"Texture Flow")	—	—	✓
Build Complex Designs From Dynamic Relief Layers	—	—	✓
Freely Manipulate Individual & Grouped Reliefs	—	—	✓
Double Sided Relief Modelling	—	—	✓
Build Sophisticated Project Assemblies	—	—	✓
Embossing 3D Objects	—	—	✓
NEW Analyse Relief Heights & Edging (Relief Analysis)	—	—	✓

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 Toolpath Strategy	↓	✓	✓
Smart Engraving & "Raised Round" Strategy	↓	✓	✓
Templates, Panelling, Bevel Carving & Drill Banks	—	✓	✓
NEW Fluting Toolpath	—	✓	✓
NEW Fluting Toolpath With Weave	—	—	✓

3D Machining

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

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	✓	✓	✓

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