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

	Express	Insignia	Pro
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

	Express	Insignia	Pro
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

	Express	Insignia	Pro
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

	Express	Insignia	Pro
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

	Express	Insignia	Pro
Nesting Toolpath & Vector Capabilities	⬇	**Advanced**	**Advanced**

2D Machining

	Express	Insignia	Pro
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

	Express	Insignia	Pro
Multi-threaded Rastering	✔	✔	✔
V- bit Carving With Integrated Roughing	✔	✔	✔
Laser Machining	✔	✔	✔
Feature Machining	⬇	✔	✔
Advanced Machining (E.G. Offset & Spiral)	—	—	✔

Machining Simulation

	Express	Insignia	Pro
Simulation Capabilities	**Basic**	**Standard**	**Advanced**

File Input / Output

	Express	Insignia	Pro
File Support	**Triangles & Rhino /** ⬇	**All Formats**	**All Formats**
3D PDF Export Capabilities	✔	✔	✔

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www.artcam.com