

Choose Your ArtCAM 2010 Solution

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



Customisation

	Express	Insignia	Pro
Colour Scheme	✓	✓	✓
Shortcut Keys	✓	✓	✓
Toolbars	✓	✓	✓
Menus	✓	✓	✓

Working in the 2D View

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

Working In The 3D View

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

3D Relief Modelling

	Express	Insignia	Pro
Import Or Load A Library of Reliefs	✓	✓	✓
Convert Images To Reliefs	✓	✓	✓
Create Complex 3D Models From 2D Images	—	—	✓
Sculpt, Bend & Warp Shapes	—	—	✓
Sweep, Extrude, Turn & Spin Drawings To Make Shapes	—	—	✓
Create Textures, Patterns & Complex Weaves	—	—	✓
Build Complex Designs From Dynamic Relief Layers	—	—	✓

3D Relief Modelling Continued...

	Express	Insignia	Pro
Create Triangle Meshes for Rapid Prototype Manufacture	—	—	✓
Double Sided Relief Modelling	—	—	✓
Build Sophisticated Project Assemblies	—	—	✓
Relief Offset	—	—	✓

3D Sculpting

2D View Shading & Colour Selection	—	—	✓
Advanced Sculpting Tools - Custom Relief Brushes, Clone Tool, Stencil Relief Layer	—	—	✓

Embossing

Relief Scale Tool Embossing Maintains Detail & Perception Of Depth	✓	✓	✓
Embossing Wizard Creates An Embossed Relief With Depth & Detail From Any 3D Model	—	—	✓

Nesting Vectors & Toolpaths

Nesting Toolpath & Vector Capabilities	—	Standard	Advanced
--	---	----------	----------

2D Machining

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

3D Machining

Multi-threaded Rastering With Integrated Z-level Roughing	✓	✓	✓
V- bit Carving With Integrated Roughing	✓	✓	✓
Feature Machining	—	✓	✓
Advanced Machining - Constant Offset, Spiral Strategy & Laser Machining	—	—	✓

Machining Simulation

Simulation Capabilities	Basic	Standard	Advanced
-------------------------	-------	----------	----------

File Input / Output

File Support	Triangles & Rhino	Triangles, Rhino & IGES	All Formats
3D PDF Export Capabilities	Standard	Standard	Advanced

For The Latest Information On All ArtCAM Products Please Visit

www.artcam.com