AUTODESK® ARTCAM®

Woodworking software for designers and makers

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Feature Comparison

Bitmap tools	Free	Standard	Premium
Import bitmap – bmp, jpg	✓	✓	✓
Bitmap to vector	✓	✓	✓
Fill a vector with a specified colour	✓	✓	✓
Bitmap layers		✓	✓

Vector tools	Free	Standard	Premium
Vector editing – alignment, mirroring, trimming, clipping, offset, spline, arc fit, paste copies along a vector, fillet corners, vector to bitmap	✓	✓	✓
Find errors in artwork (vector doctor)	✓	✓	✓
Vector library	✓	✓	✓
Create text and text along a curve	✓	✓	✓
Vector layers		✓	✓
Nesting		✓	✓
Create a vector cross section		✓	✓
Create a boundary vector from relief		✓	✓
Create a vector based on wand selection		✓	✓
Vector join, block copy/rotate, distort, wrap to a relief		✓	✓
Spread designs over multiple sheets		✓	✓

Model setup	Free	Standard	Premium
Adjust model resolution		2000 x 2000	4000 x 4000
Import 3D model – 3ds, stl, dxf, igs, ddz, ddx		✓	✓
Shading and lighting set		✓	✓

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Relief editing	Free	Standard	Premium
Scale, flip, rotate, smooth, add draft, smooth, fade, slice, angle plane, relief distort, block/copy/rotate, reset relief		✓	✓
Turn a concave shape into a convex shape (invert relief)		✓	✓
Emboss relief		✓	✓
Relief cookie cutter tool		✓	✓
Scale relief to volume			✓
Mirror and merge the relief			✓
Offset a relief			✓

Relief creation	Free	Standard	Premium
Relief layers – front and back		✓	✓
Relief library		✓	✓
Shape editor, 2rail sweep, extrude, spin, turn, 3D blend		✓	✓
Weave wizard		✓	✓
Create a relief from image		✓	✓
Sculpting tool – smooth, deposit, carve, smudge, transfer, putty, erase		✓	✓
Paste relief on a vector		✓	✓
Texture a relief		✓	✓
Create a mesh		✓	✓
Create a ring		✓	✓
Paste relief		✓	✓
Texture flow tool		✓	✓
Projects			✓
Contour blend tool			✓
Constant height letters			✓
Paste relief wrap			✓
Assembly silhouette tool			✓
Face wizard tool			✓
Greyscale from relief			✓
Create a dome			✓

Relief analysis	Free	Standard	Premium
Remove holes on the relief surface		✓	✓
Information about relief		✓	✓
Work out area of relief surface			✓
Height and gradient analysis tool			✓

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2D machining	Free	Standard	Premium
Profile cut	✓	✓	✓
Machine along a vector	✓	✓	✓
Drilling	✓	✓	✓
V-bit carving		✓	✓
Area clearance		✓	✓
Inlay wizard		✓	✓
Peck drilling		✓	✓
Texture machining		✓	✓
Drill banks		✓	✓
Toolpath templates		✓	✓
Fluting		✓	✓
Custom form tools		✓	✓
Bevel carving		✓	✓
Toolpath panelling		✓	✓
2D machining wizard		✓	✓
Raised round toolpath		✓	✓
Smart engraving			✓
Fluted weave			✓

3D machining	Free	Standard	Premium
Machining wizard – spiral, offset, raster in any direction, spiral in a box		✓	✓
Create a raster toolpath in any direction		✓	✓
3D printing		✓	✓
Create a Z level roughing toolpath			✓
Cutout machining			✓
Feature machining			✓
Rest machining strategy			✓
Constant Z toolpath			✓
Flip machining in machining wizard option			✓
3D laser machining			✓
Ring machining in machining wizard option			✓

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Toolpath options	Free	Standard	Premium
Edit toolpath parameters	✓	✓	✓
Ramping		✓	✓
Transform toolpaths		✓	✓
Toolpath ordering		✓	✓
Batch calculate toolpaths		✓	✓
Merge and copy toolpaths		✓	✓
Cutter compensation		✓	✓
Use multiple tools		✓	✓
Leads – auto position, in, over, angle, ramping		✓	✓
Final pass cut		✓	✓
Toolpath sequencing		✓	✓
Add surface links			✓
Optimize machining (optifeed)			✓

Simulation	Free	Standard	Premium
Simulation – shading, 2d view, options	✓	✓	✓
Load/save simulation		✓	✓
Copy simulation to a relief layer		✓	✓

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