




Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries



Date : 05/08/2021 - 1:11 AM *
EXF # : CS-300015
Category : CNC SOFTWARE
Brand / Model : ALPHACAM "STANDARD"
Machine Type : CAD/CAM SOFTWARE PACKAGE
Year of Mfg. : 2021
Condition : Brand New w/Warranty
Elect / Voltage : NOT APPLICABLE
Special Note : Premier

FOB / Region : SOUTHEAST
Appr. Repl. Cost. : \$ 5,800
Price : \$ 5,750 *
Comment : ALPHAcam...As powerful as you need, yet as simple
Leasing : Contact NCL for quote



Please ask me

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* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **Alphacam Router Standard:**

Design allows:

Lines, arcs, circles, rectangles, polygon, ellipse, typed-in TrueType® text, splines , APS fast geometries, additional special geometries (bolt hole circle, involute curve, slot, equal spaced holes), digitizing, 3D polylines, 3D surface creation (with editing capability), drawing on work planes

CAD utilities:

Including snap to, auto-snap to and ortho modes, coordinate/distance/radius reporting, dimensioning, access to user layers and APS layers, conversion of points to lines or arcs, move dimensions. Editing functionality including undo, change start point, 2D move, 2D copy, 2D rotate, 2D mirror, scale, stretch, skew, break, trim, explode, join, extend, fillet, chamfer, offset, group/ungroup, change element type, Auto/2D/3D editing mode, set geometry Z levels, 3D project (3-axis), wrap onto surface (3- axis), and reverse tool side on surface. Draw material/fixture as solids, drawing surfaces in layer color, and multiple windows/view ports. Graphic printing and plotting.

CAD Importing:

DXF/DWG, IGES, Rhino CAD files.

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Machining:

User defined tool library, tool direction settings (include inside, outside, left and right), vertical rough and finish machining, contour/linear/spiral pocketing with unlimited islands, 3D engraving, drill/peck/tap/bore holes, automatic lead-in/lead-out, G41/42 tool compensation, automatic calculation of speeds and feeds, cut corner options include straight/roll round/loop, add/remove support tags, adjust feed rate around corners, operation and tool path editing, automatic tool path update upon geometry modification (associative machining), machining styles. cut spline or polyline (3-axis), auto-Z routing/pocketing/drilling, routing/pocking using sloping sides, routine/pocketing using profiled sides, residual routing (take account previous machining), vertical sawing, vertical sawing around arcs, 3D surface machining (parallel 3-axis, Z contour roughing), user defined code, set start point(s) on pockets, edit feed rate at point along tool path, edit Z point by point along tool path, and definable clamps/fixtures.

Nesting:

Automatic rectangular and true shape nesting of geometries and/or tool paths picked from the screen and manual nesting. nest list creation, nesting form a nest list, sheet database, and area estimate form part or sheet.

Also Includes:

CAD to CAM, Multidrill, Convert Raster to Vector, AutoStyles. Shading or wireframe mode, 3D view, ghost tools, single steps, rapids, all zoom functions. Shaded simulation and solid simulation.

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