

BobCAD-CAM:

Setting new standards for 2D and 3D Machining at an Affordable Cost

For more than 20 years BobCAD-CAM has been known as the “Low Cost CAD-CAM Leader” providing useful CAD-CAM systems at the lowest possible prices to companies around the world. In 2004 after conducting an extensive series of customer surveys, BobCAD-CAM launched a campaign to rewrite the core product from the ground up. Now, 2 years later, after extensive research and development BobCAD-CAM Version 22 is ready to be unveiled at IMTS 2006, booth D-3005, McCormick Place, Chicago, Illinois on September 6th -13th, 2006!

Version 22 achieves major advancements in 3D toolpath generation technology. Cutting strategies include; Slice Planar, Slice Spiral, Slice Radial, Z-Level Roughing, Z-Level Finishing and Equidistant Contour Offset. Each has been fully optimized to provide extremely precise and clean toolpath without sacrificing speed. Close attention has been given to cutting strategy parameters allowing full flexibility in toolpath generation. This advanced technology is sure to set new industry standards for toolpath generation.

To further automate the task of drilling, Version 22 will now feature composite operations. This series of user defined operations, for instance, center drill, drill, chamfer, and tap, will automatically be applied to each hole selected. Based on the finished hole size and tap type the tools will automatically be selected by the system.

A newly designed and simplified user interface includes an OpenGL display, job and layer trees, simplified Data Entry area, posting window, and much more. Translators include IGES, X-T, X-B, STEP, SAT, SLDPRT, RHINO, DXF and DWG.

An Advanced Job Tree now offers complete control over the machining process. Stock and material definitions, feature management and reordering, material cutting conditions, composite operation definitions, and assigning operations to a feature with full associativity, are just a few of the new controls. Posting options include optimizing by feature or tool, as well as control over which features are to be posted.

An advanced simulation module has now been incorporated featuring both pixel or solid model verification, backplotting, turbo mode, cycle times, fixtures, deep zoom, compare and tool shank and toolholder collision.

Cutting edge EDIT/ DNC has also been added. Features include communication templates, send and receive, merge, space removal, strip comments, summary information, and compare.

Future enhancements will include Lathe, EDM, BobART, and Nesting fully integrated into the new Version 22 CAD-CAM product. Therefore, with the above wrapped into a easy to use interface, BobCAD-CAM customers and ANY manufacturer can now achieve extreme levels of CAD and CAM performance without maintenance fees and at an unbelievable low cost! You can reach BobCAD-CAM direct by calling 877-262-2231 or on the web at www.bobcad.com.