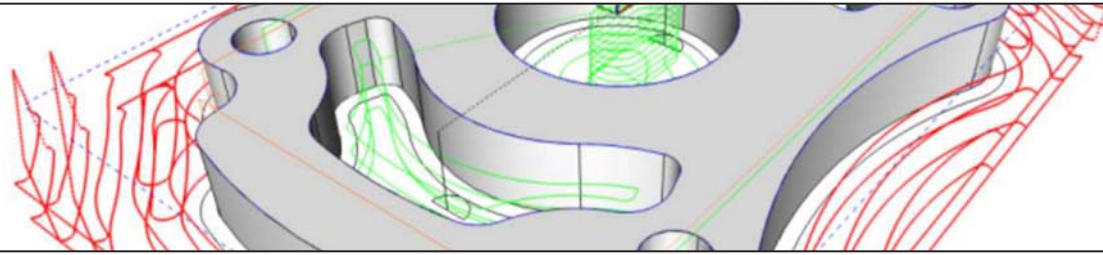


23 Years of CAD/CAM Software



The new BobCAD-CAM Version 23 core CAD/CAM software for milling offers a wider range of simplified effective design and machining solutions that range from popular file translation features to high end 3 Axis Machining options and 4th Axis Indexing. The following pages will outline some of the powerful and easy to use capabilities that your shop can take full advantage of... The affordable price is simply an added benefit!

- Import DXF, IGES, STEP, STL, DWG, SolidWorks SLDPRT,
- RhinoCAD 3dm, sat, Parasolids X_T & X_B
- 2D & 3D Wireframe drawing
- Geometry Editing
- Geometry Verify
- Solid & Surface Modeling
- Full Part Dimensioning & Print Making Capabilities
- Hole Patterns
- Gear, Sprocket & Roller CAM Generator
- Spline & Spline Editing Features
- Rectangle Shape Generator
- Ellipse creation
- Trimming / Mirror / Rotate / Copy / Scaling & Translating
- Design Data Entry Manager
- Built-in CAD calculator
- Layer Manager
- Multiple Viewing windows
- Dynamic Rotation
- Customizable User Coordinate System
- Create & Customize your own toolbars
- Text & Solid font creation, Project Curve
- New OpenGL interface with translucent material & improved part display



BobCAD-CAM Version 23 is Modular. This means that you can start with CAD only and migrate toward what you need in terms of machining capabilities as you need to add power to your shop and at prices that make it easy! Add Lathe, Mill Pro, Wire EDM or BobArt Artistic CAD/CAM products today!

Version 23 Standard Features



BobCAD-CAM V23 comes complete with 2 & 3 Axis machining technology. As a standard in 2D or 3D software you will have the following:

Associative Job Tree

Select a cutting feature and load cutting variables. Now if you want to make a change later, it's faster and you don't have to start over again! The job tree automatically updates for posting.

- Makes programming easier
- Saves time
- Eliminates programming mistakes

Tool & Material Database

When you first select a cutting feature, the system automatically loads the right tool for the operation and optimizes the speed and feed rates for you. You also have the option to manually override those values.

- Efficient & Intelligent CAD/CAM
- Does the work for you

Solid Part Simulation & DNC

BobCAD-CAM V23 gives you Predator Simulation so that you can see your program being machined properly while using the highest standards available.

- Eliminate program errors
- Reduce cycle times & more

Improved Graphics & Easy to use Interface

The new Open GL Interface gives you better part viewing, zoom, rotation, and more. The new system interface keeps drawing simple for even the most complex part modeling.

- Easy to learn and use
- Fully developed CAD
- Context sensitive Help files

File Compatibility

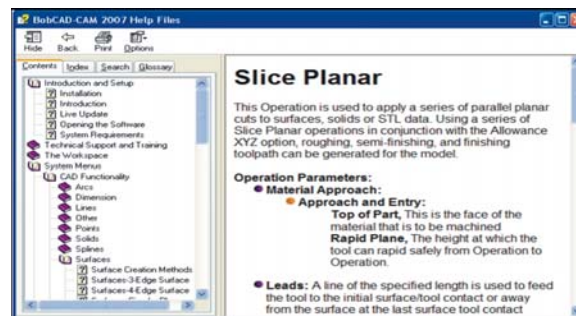
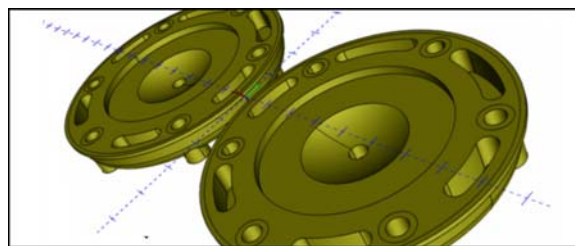
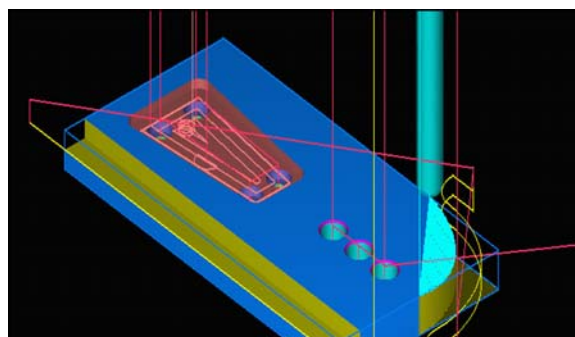
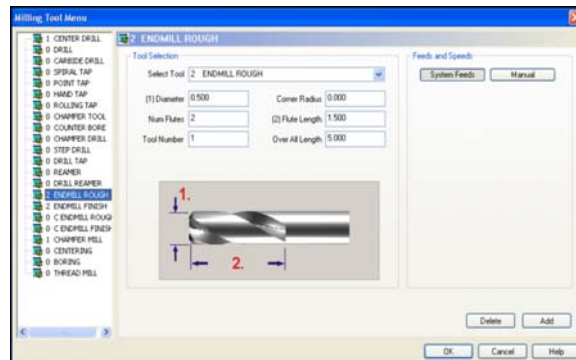
BobCAD-CAM V23 offers a wide range of CAD files that can be opened within the system. Files include SolidWorks, sldprt, AutoCAD, DWG, DXF, IGES, STEP, Parasolids X_T / X_B, RhinoCAD 3dm, STL and others.

- Flexibility in working with other CAD systems
- Easier to provide solutions for your customers

Help Files & Training

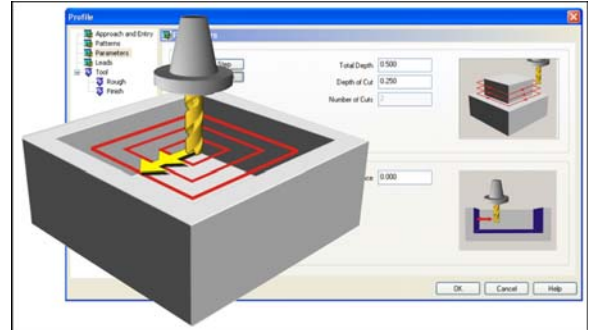
The V23 system has on-board HELP files that are fully complete and available for every feature throughout the software. Simply hit F1 while in a feature and access the right information that you need on the fly.

- Fast answers to questions when you need them
- Advanced training is also available when you need it



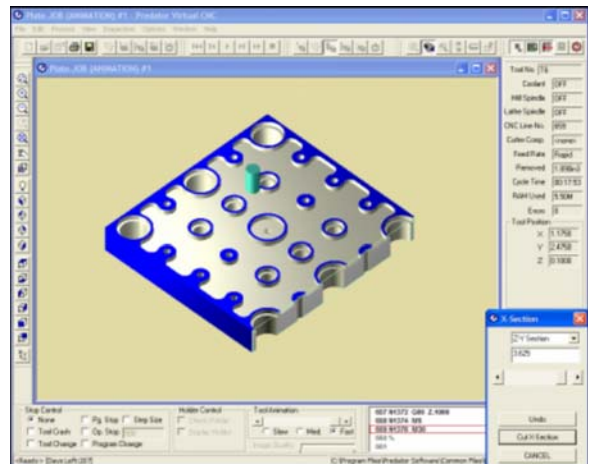
Profile Milling

- Intelligent machining
- Calculates speeds and feeds
- Make changes without starting over
- Includes Spring Pass machining as well!



Simple or complex pockets are easily machined in the V23 system. Multi-operation pocketing will load the right tools, offer roughing and finishing in one and provide chamfering features all automatically when you need it. V23 offers multiple work offset features and sequence controls to reduce unnecessary tool movements.

- Select the right tools
- Calculates speeds and feeds
- Make changes without starting over
- Optimized speeds & feeds as well as arc slowdown in corners



The V23 system provides you with multi-feature drilling operations to speed up the process. Do a drill, center and add a chamfer all in one for example. Hole patterns can be created easily and verified in the new Predator Simulation

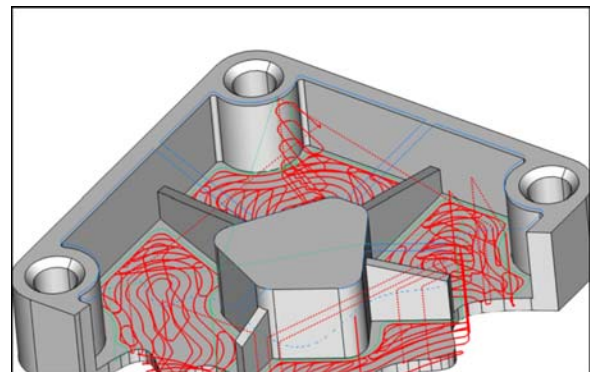
- Eliminate mistakes
- Post out using sub-routines
- Create more efficient programs
- New drilling sequence controls

BobCAD-CAM is powerful enough for any shop and affordable enough for the one man show! The job tree and associativity allows you to make changes in a program fast, without having to start over again. Other 2D machining features include.

- Face Milling
- 2D Engraving
- Tapping, boring, reaming and more...

The software is fully equipped with automatic roughing and finishing operations for all 2D machining features. There are many other options for 2D machining, each associated with the cutting routine and each can easily be edited.

All 2D machining features can be simulated using the latest in Predator Simulation technology right inside the software before sending the program to your machine.



BobCAD-CAM V23 gives you high powered 3 Axis machining capabilities for even the most complex models. The new 3D arc-fit feature allows you to generate more efficient NC programs and produce smoother finishes. Features include:

Radial, Planar & Spiral

The V23 system offers the 3 commonly used 3D machining features with their customizable options. Simply load the feature into the job tree, enter the cutting variables and assign the model to the feature. The system generates these 3D toolpaths fast.

- You can simulate the program
- Program by the feature or by tools
- Re-order features in the job tree easily

Z-Level Machining

The V23 system gives you both Z-Level Roughing and Finishing features for high speed surface machining. Z-Level cutting allows for higher feed rates due to not plunging into the material.

- High-end toolpath without paying more
- Clean & Accurate toolpath
- Special options for Z-Level machining

Professional Version Only

Equi-Distant Offset Contour

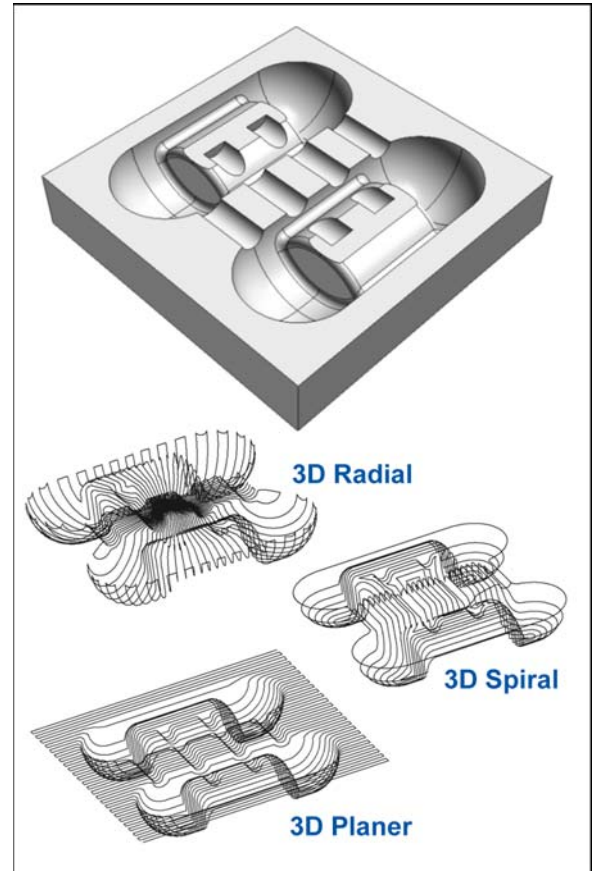
The new Equi-Distant Offset Contour toolpath offers a higher standard in 3D machining. You will be able to maintain the exact step-over and material removal regardless of the surface complexity.

- Better surface finishes & longer tool life
- No plunge moves on steep verticals

3D Engraving

New 3D engraving features have been added. The V23 system allows you to project text and geometry onto surfaces, now you can machine them the right way.

- Automatically calculates speeds and feed rates



Call today to learn more!

877-262-2231
www.bobcad.com

