Affordable powerful CAD/CAM Systems

Thank you for your interest in Shopcam. We are proud to announce our latest version of Shopcam.

ShopCAM
Shopfloor programming at it's best

- Windows based XP/XP Pro/2000/Vista/Win 7
- Over 1300 satisfied customers
- DBS llc established 1989
- Over 400 'off the shelf' postprocessors
- Custom postprocessors available ($90 average)
- 2-axis system $495 – Mill or Lathe or WEDM system $495

Our philosophy at DBS is simple *"Service is the most important thing we do". "Software is useless if the customer cannot understand it or get support if they need it". "A CAM system without a good postprocessor only draws pretty pictures".* I am confident you will be satisfied with our software, service and support. Call us today;

In addition to all the standard features, like unlimited island avoidance, built in engraving, tool libraries, advanced patterns, CAD detailing and dimensioning etc. We have added or improved the following:

All New Operation Libraries

No need to redefine the same operation over and over. We allows you to save the operations in a library file. In addition to the over 80 standard parameters, all the info needed to generate or regenerate a toolpath is saved. Even the info from cycles like engraving, threading, and helix are saved. Control buttons allow you to save your operation to the library and update the operation file immediately. In addition to using opers from the library, you can use operations from the part file. This feature will save a lot of time and money.
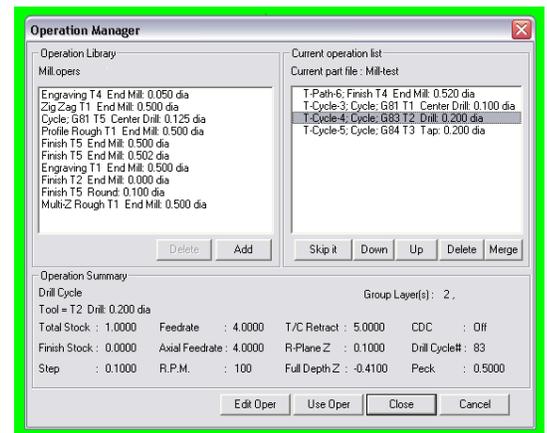
New and improved Tool Dialogs

Quickly select a tool from either the tool library or a tool you have already used. Control buttons allow you to save your tool to the library and save immediately. Since you can build your libraries 'on the fly' the more you use Shopcam, the easier it will be. The tool picture will show the tool type and relevant parameters. No need for a tool chart. Best of all, you can save a feed (XY & Z) and a RPM for each tool. Either let Shopcam calculate the feeds/speeds or use the ones stored in the tool library, or enter anything you prefer.
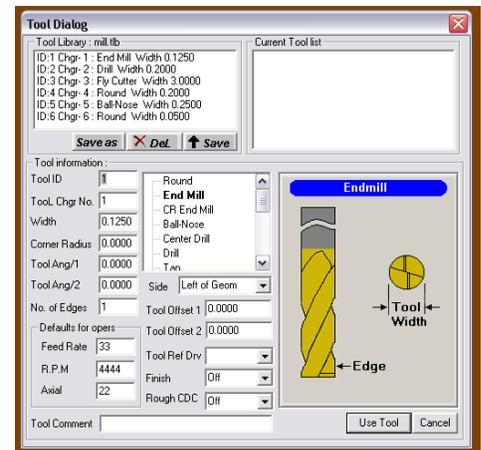
In addition to the new Operation libraries and expanded Tool libraries, we have improved our setup files and setup dialogs, We made the operation input even more simple and added an external program for generating Set-up sheets for the operator.

Included with the Shopcam system, is a one year unlimited technical support plan (renewable). This includes free software upgrades, discounts on postprocessors and access to our members page at www.shopcam..com.

Shopcam Standard Features

CAD dimensioning, detailing, crosshatching
Construction geometry definitions
Offset chain, corner blends, corner breaks, hole chain
Trim, break (window, select, modal)
Move, copy, mirror, stretch editing
Multiple levels of UNDO
Advanced patterns
Curves (arc fit, arc series, b-spline, bezier)
Tool and material libraries
Graphical tool path editing
Flexible tooling parameters (feed, speed, CDC, etc.)
Operation resequence, merge & temporary exclusion
DXF import & export, IGES import
G-code editor (renumber, add/remove spaces etc)
2 Axis motion (Position, Drill, Finish, Manual Path)

Punch Press
Punch, Nibble, Burn, Bridge-Hit
Round and square tool compensation
Rectangular, dee, double-dee tool support

Turning
Groove tool compensation
Groove rough and finish cycles
Multiple pass rough and profile turning
Undercut avoidance
Threading: straight & taper

Milling
Profile pocketing
Zigzag pocketing
Hog area clearing
Face mill cycle
Spiral/Helical boring
Plunge roughing
Unlimited island avoidance
Multiple contour machining
Multiple Z roughing
Sweep operations
Swarf (Multiple cross section) operations
Project-Onto (3D cross sections)
3D rotation capabilities
Definable stock (castings, cutting optimization)
Graphic collision detection
Approach pull off control
Standard Post Processor Library
Engraving & letter creation (Horizontal & Radius)
Time Study: For path lengths cycle times
Manuals: Technical Reference, User's Guide
One year renewable Maintenance Agreement
(software updates, technical support)

Wire-EDM
Reverse direction roughing
Multiple pass roughing
2 Plane wire-edm support

New 3D Toolpath verification

 Toolpath Simulation is more than just fun to watch. With one click you can instantly change the color of the model to reflect the surface left by each tool. All rapid tool movement is shown in red. This helps with collision avoidance, gouging, and toolpath strategies. If for any reason you attempt to rapid though uncut areas, the path is displayed in bright red, allowing you to correct the problem before it gets to the machine. Compare our toolpath simulation with packages costing $1000 more..
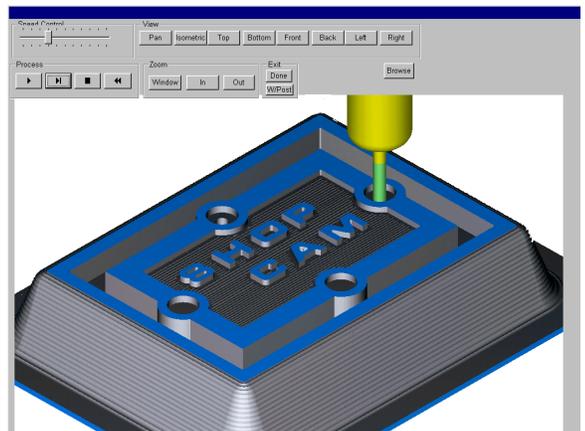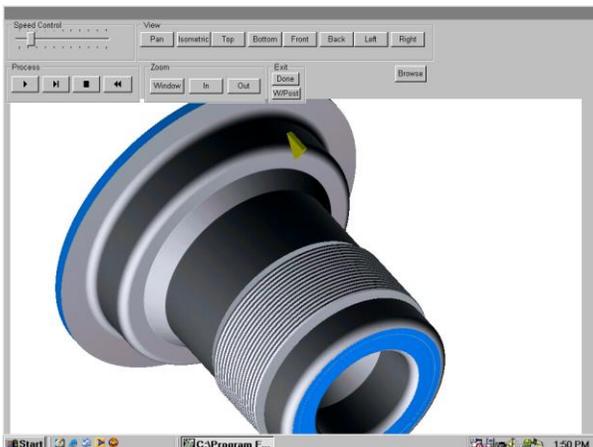
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