

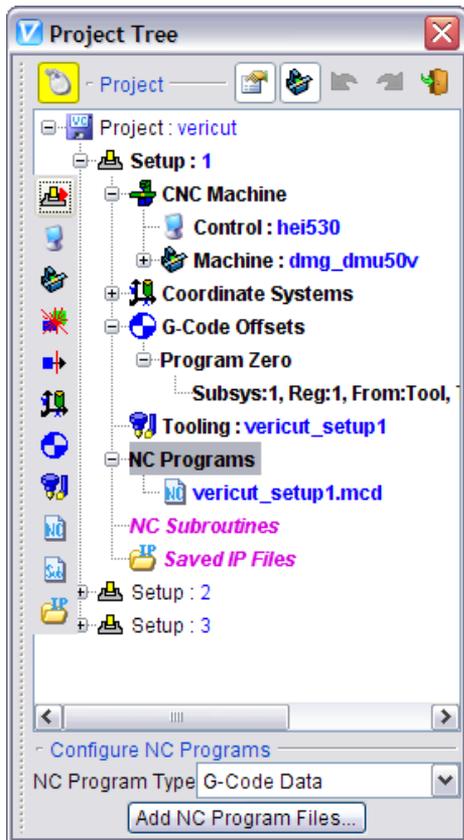
VERICUT 7.1

More control than ever!

VERICUT Version 7.1 further improves VERICUT's user interaction, simulation capabilities, cutting tool creation, and CAD/CAM integration. Additionally, CGTech developer resources have continued to focus on diligent code optimization and over 400 customer-driven enhancements.

PROJECT TREE ENHANCEMENTS

The Project Tree, first introduced in VERICUT 6.0, continues to be refined to make your VERICUT sessions simple to set up. A shortcut Toolbar has been added to enable you to quickly



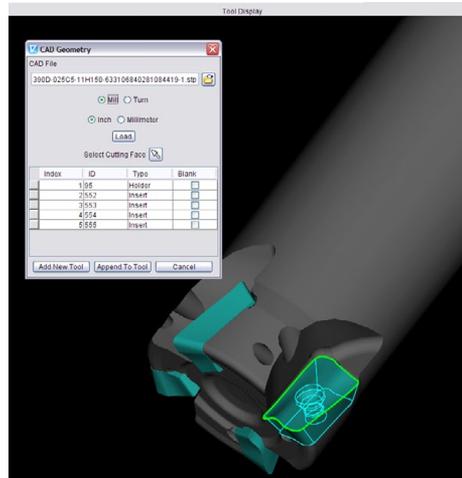
Don't worry about making a mistake while configuring your project: a general purpose Undo/Redo button is available at the top of the Project Tree.

go to a particular Project Tree branch. You can hold the cursor over the icons to see what branch the icon goes to. Model file names are shown in parentheses for all models that have model files associated with them. Double clicking on NC Programs, or NC Subrou-

tines, displays the appropriate file selection window. Also, NC Programs and NC Subroutine files can be added by simply right-clicking in the Project Tree. Don't worry about making a mistake while configuring your project: a general purpose Undo/Redo button is available at the top of the Project Tree.

CUTTING CONDITIONS SHOWN

Cutting conditions are shown in the status display and available when stepping through the program using NC Program Review. The feature shows detailed information about the cutter's engagement with material, including: axial depth, radial width, volume removal rate, chip thickness, maximum surface speed and contact area.



Importing STEP model assemblies is simple with 7.1.

TOOL MANAGER

To further simplify creating your VERICUT tool library, you can now import CAD solid models of inserts and holders into VERICUT. The new feature added to the Tool Manager displays the CAD Geometry window that allows you to identify which parts of the CAD model

file corresponds with holders, cutters, or inserts. CATIA v5 and STEP models are supported.

You also now have the ability to create and display coordinate systems in the Tool Manager. These coordinate systems can then be used to align tool components.

CAD MODEL ASSEMBLY

A new feature, Assembly, in the Open model file selection window enables

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CGTech

9000 Research Dr.
Irvine, California 92618
Phone: (949) 753-1050
E-mail: info@cgtech.com

