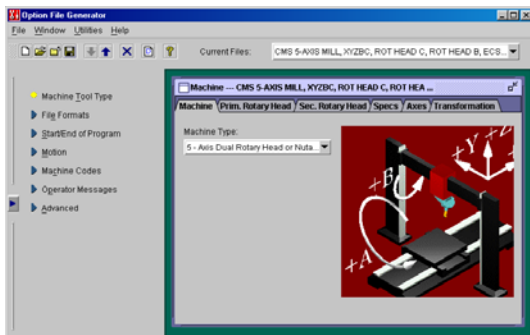


NC G-POST: Best-in-Class, Generalized Postprocessor Software

This next generation postprocessor has an easy-to-use generator module that presents dynamic menus, context sensitive help and a powerful Factory Interface Language (FIL) utility designed to improve the user's productivity. FIL provides external file I/O and Tool Path file manipulation to generate code for any machine tool. G-POST supports 2- to 4-axis lathes and turning centers with either one or two turrets on common or separate slides. It accommodates mills and machining centers with up to 15-axes, with indexing tables, rotary and/or tilt heads. The Mill G-POST also supports other types of non-turning NC/CNC machines, including Lasers, Wire EDMs, Punches/Presses, Grinders, Drills and Routers. NC G-POST comes with the CIMpro Java interface. This interface allows you to access your complete NC/CNC programming system.

Option File Generator

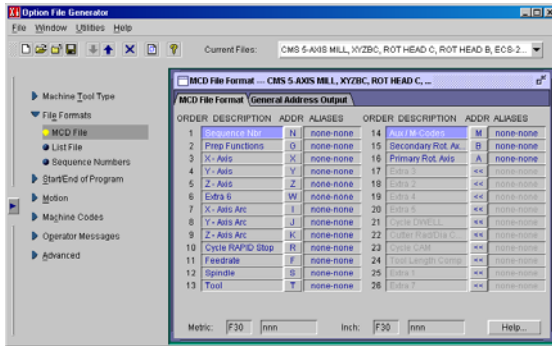
This module enables the user to create a specialized postprocessor to generate code that meets the requirements of your equipment. No knowledge of any programming language is required. A postprocessor is generated by supplying the machine kinematics, control codes, data format, and other machine control constraints through a dynamic Java user interface. When postprocessing is initiated, the G-POST reads the Option File (parameter file) and sets the output variables to the correct values for the machine tool.



The Option File Generator uses standard Windows™ disciplines when selecting machine constraints and options. Options can be selected in any order, and only those values not agreeing with the control or machine description need be changed.

Basic G-POST Features

- Interactive on-line help
- Machine-specific output files
- Inch/metric switchable
- Word-address formats
- Axis limit checks
- Absolute and incremental output
- Axis preset
- Fixture offsets
- Motion analysis
- Circular interpolation
- Feedrate output control
- Inverse time feedrate
- Tool-change output (manual or automatic)
- Offset output capabilities
- Cutter compensation output
- Preparatory functions (G codes)
- Canned-cycle support
- Spindle support
- Programmed dwell
- Auxiliary functions (M codes)
- Coolant support
- Multi-axis support
- Extensive documentation



Using G-POST is easier than ever. From the Java interface, the user starts the Option File Generator and begins the configuration process. On-line help is available throughout the creation process. Modifications may be made by selecting only the menu where a change is required. Preconfigured Postprocessors are also supplied with NC G-POST.

● Factory Interface Language

The Factory Interface Language (FIL) utility extends your ability to customize each individual postprocessor. FIL modifies the postprocessor's input (CL file data), to generate the desired machine code. This utility allows users to:

- Add, delete or modify CL file data
- Alter postprocessor output
- Add or modify APT vocabulary words
- Read or write data into/from up to two files
- Call other applications

● G-POST Benefits

- Assists users in migrating to newer CAD/CAM systems
- Provides a common postprocessor for users with multiple CAD/CAM systems
- Complements the functions of CAD/CAM and APT systems
- Provides for user-definable vocabulary and functions
- Has interactive user input/output function
- Extends machine-control data functions (i.e. probing)
- Facilitates family-of-parts programming
- Reduces external custom software expenses
- Allows users to control their NC/CNC programming functions
- Uses industry standard hardware platforms
- Easily linked to networked DNC systems

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For questions or support on G-POST, please call 1-877-BSYS-PTC.