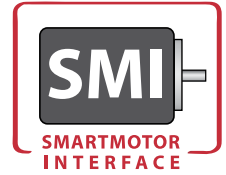


SmartMotor Interface (SMI)

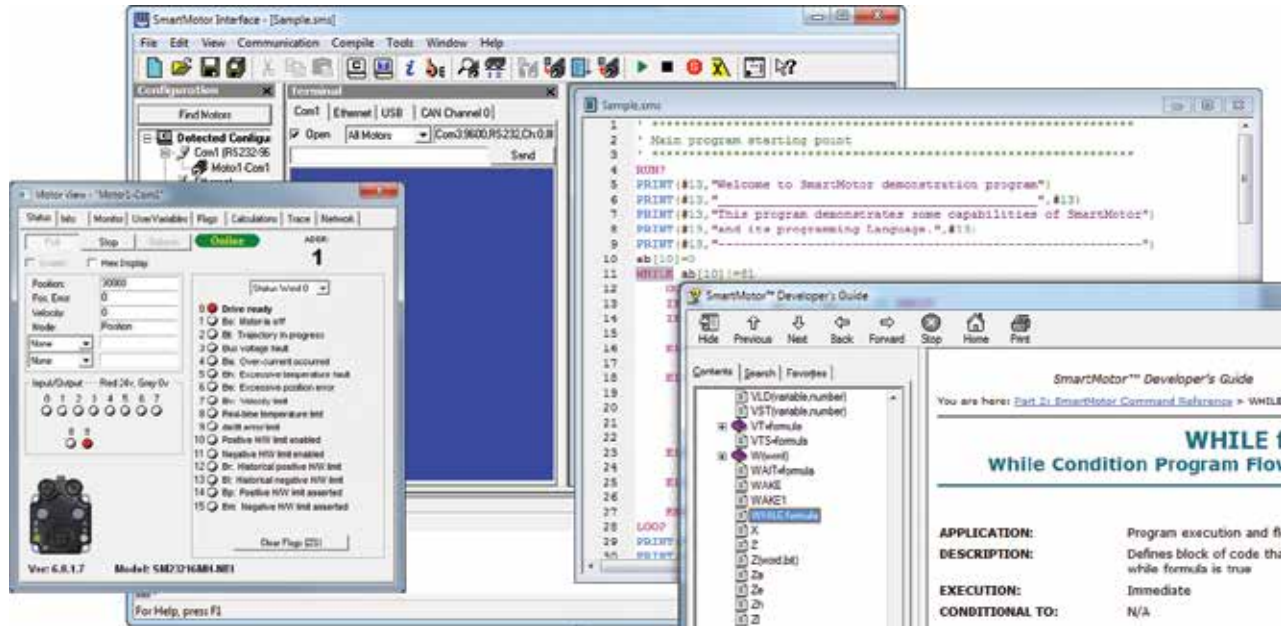
Moog Animatics' SMI™ Version 3 software provides an easy-to-use Microsoft Windows compatible interface to your Moog Animatics SmartMotor™. Using SMI, you can define multi-axis motion control for 1 to 120 SmartMotors. SMI includes a terminal program, program editor, and source level debugger. Standard SMI features include a Tools menu to set PID tuning parameters and plot the step response, motor info and dynamic status tracking, and online help and documentation. The SMI software can also open multiple windows for program editing, instantly address multiple motors, and upload programs.



Free Download from
Website: www.animatics.com/smi

Key Features in Version 3

- New Program Editor includes undo/redo commands and group tabbing for more efficient programming
- SmartMotor fieldbus network view and extended CANopen support for smoother fieldbus integration
- Context Sensitive Help for instant access to full keyword descriptions
- Revised help system provides documentation access when working online or offline
- Preprocessor Extension for specifying include files, defining macros, and more, to speed application development
- And much more...refer to the website/factory for details



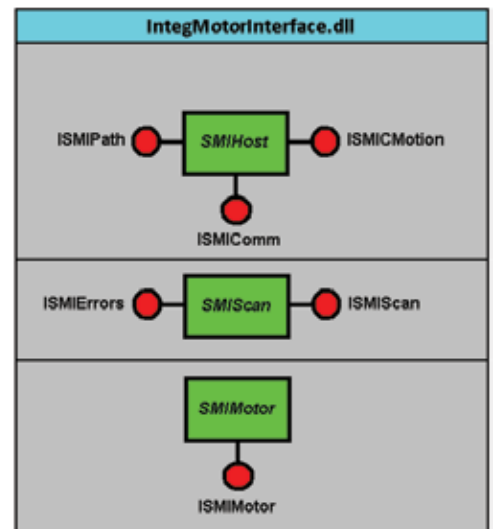
SMIEngine

Moog Animatics' SMIEngine™ is a source code module library created as a software tool for the Windows® operating system environment. It comes free with the installation of SMI software (see above). The installation includes source code examples. SMIEngine is based on the Windows® Component Object Model (COM) and works with:

- Microsoft® C++, Visual Basic, .NET environment
- Borland® C++ and Delphi
- VBA (Visual Basic for Applications)
- Pascal
- Python™
- LabVIEW™ (when installed as an ActiveX component)

Using SMIEngine, you can perform tasks such as:

- Detecting motors on the desired port
- Addressing a SmartMotor™ daisy chain
- Sending commands to the motors and getting the motor responses
- Downloading/uploading compiled user programs (".smx" files) to/from the motors
- Controlling the motors using coordinated motion (contouring or host mode)
- Creating circular and linear path coordinates used for coordinated motion
- Scanning user program source files (".sms") for errors
- Creating a list of errors in a user program and providing an interface for navigating through errors
- And much more...refer to the website/factory for details



Free download from website!

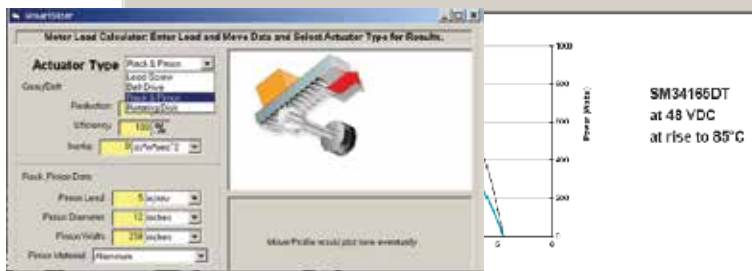
Smart Sizer

Moog Animatics SmartSizer™ is a load sizing software tool to aid in SmartMotor selection for any given load. In a simple single-page format, the tool allows the user to fill in values to calculate load torque imposed on a given motor. All input data has a unit selector that allows you to easily mix and match standard and metric units.

! WARNING

SmartSizer™ is a software tool to aid in determining load torque that would be imposed onto a given motor shaft. It is up to the user to ensure proper servo motor sizing and power supply sizing to prevent over loading damage. Moog Animatics is not responsible for motor sizing.

Motor	Cont.Tq.(in-oz)	Peak.Tq.(in-oz)	Max.Speed(RPM)	Cont.Power(Watt)
SM1705D	33.28	61.12	7900	149.1
SM21155D	40	64	10400	171.5
SM29185DT	73.76	118.4	5200	201.3
SM37185D	154.72	236.8	5100	238.6
SM39185DT	236.20	354.30	5100	310.9



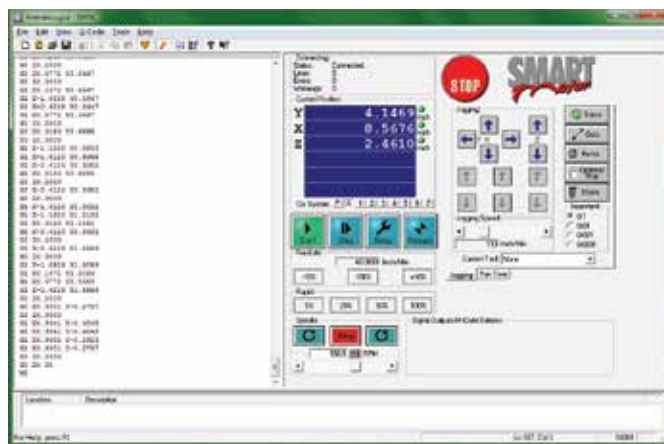
Included in free SMI download from website!

SMNC

SMNC™, Moog Animatics' G-code based servo motion control software, uses numeric control to deliver multi-axis contouring for your Moog Animatics SmartMotor™ applications. SMNC provides a set of features that are comparable to any CNC system, including a user interface that is similar in appearance to a traditional CNC system.

SMNC features include:

- Linear and circular motion control of multiple axes
- Configures SmartMotors across multiple serial ports
- Converts CAD (DXF) files into motion control G and M codes
- Duplication of axis motion for gantry systems
- Smooth control of acceleration and deceleration for sensitive curvilinear motion
- And much more...refer to the website/factory for details

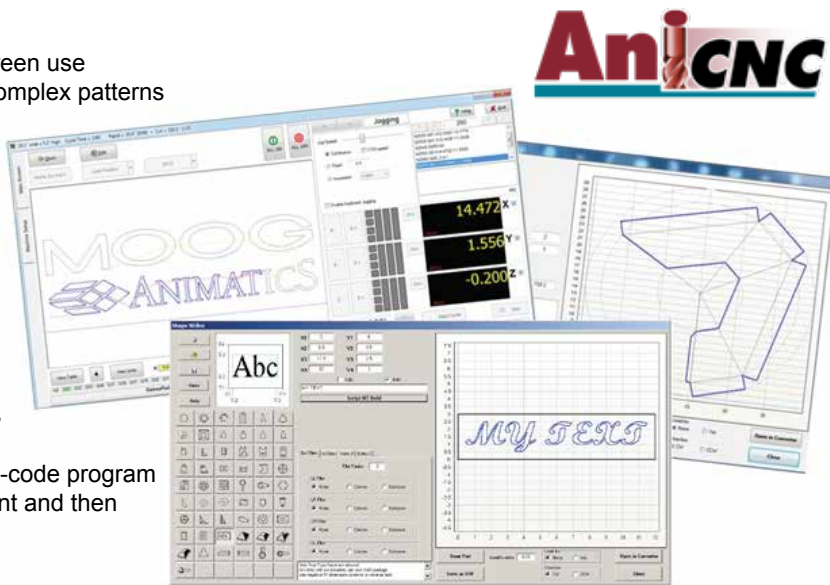


AniCNC™

AniCNC™ is Moog Animatics' newest CNC application software exclusively for use with the Class 5 SmartMotor™. When coupled with the Class 5 SmartMotor, the AniCNC product provides a graphical Human-Machine Interface (HMI), G-code editing and runtime environment and other built-in features to help you quickly tackle your milling, routing, machining, shaping and related projects. There's even an offline mode that lets you preview and refine your G-code tool paths without being attached to the SmartMotor.

AniCNC™ features include:

- A simple, intuitive user interface, optimized for touchscreen use
- Advanced Code Writer and Shape Writer for creating complex patterns
- DXF file import to produce scalable G-code for quick resizing and/or arraying of your design
- G-code export to DXF format for efficient use in CAD or illustration software
- G-code editing and runtime environment with real-time viewing of the tool path
- TrueType font to G-code converter allows you to scale/frame text as desired
- Built-in functions for point-and-click programming of common metalwork shapes
- Nested-array code building for easy duplication of parts in sheet material
- Dynamic jog and teach to rapidly record points to the G-code program
- In-path jog correction allows temporary move adjustment and then resets and continues



AniCNC™

Overview
Software
C5 D-Style
C5 M-Style
C6 M-Style
C6 Low-Cost
Cables, Etc.
Actuators
Gearheads
Power Supplies