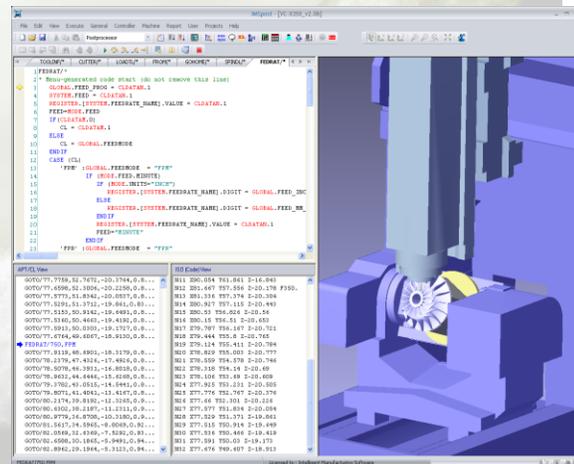# IMSmachine™ v8.1
Graphical Machine Setup

Overview

IMSmachine™ is an animated, graphical machine tool setup program that takes the guesswork out of machine setup. Working standalone, or as a component of IMSpost, this software will enable you to quickly and accurately describe and test the most complicated machine tools.

IMSmachine™ features

- Create your machine graphically
- Define machine kinematics
- Any number of linear or rotary axes
- Any number of kinematic components
- Simulation of machine motion for any or all components simultaneously
- Measure distance between components at any position
- Assembly mechanism for describing relationships between components
- Export and Import of pre-defined components
- Multi-view options
- Library of pre-defined machines
- When used with IMSpost, watch and test machine motion based on NC output

Operation

Load one of the pre-defined 3,4, or 5 axis machines, or create your own custom machine specification, and accurately test and simulate any machine position. Use with IMSpost to simulate machine motion in real time.

The intuitive user interface provides an efficient work environment, and the state-of-the-art development tools used by IMS ensures you will have a utility to be used well into the future.

IMSmachine simplifies the programming of any type of machine, including multi-spindle and multi-pallet machines.

Define your machine using your own CAD data, or import a variety of machine formats from other CAD/CAM systems.

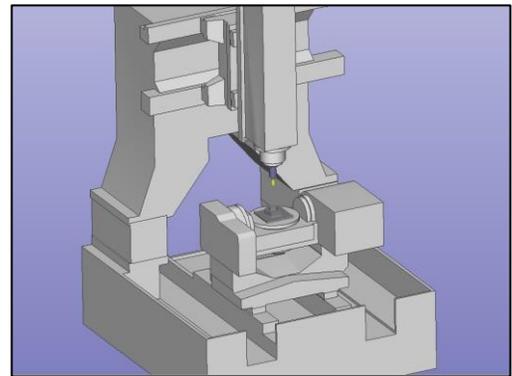Take advantage of the IMS technical support staff to assist you every step of the way.

Use the machine defined with IMSmachine in IMSpost for an integrated view of the APT/CL, G-code and machine to provide a complete picture for CNC post development.

IMS Software, Inc.
800 Broadway
Haverhill, MA 01832
USA

+1 (978) 556-0077 (voice)
+1 (978) 556-0171 (fax)

http://www.ims-software.com

Supported Platforms

- Intel/AMD 64-bit computers with:

  - Windows 7
  - Windows 8
  - Windows 10

Virtual CNC Controller

The virtual controller provides support for NC controls from all major manufacturers, including:

A-B	K&T
BOSCH	MAZAK
CINCINNATTI	NUM
EVOLUTION	OKUMA
FADAL	SELCA
FANUC	SHARNOA
FIDIA	SIEMENS
GE	TOSHIBA
G&L	YASNAC
HEIDENHAIN	*and others*

Compatibility

IMSpost™ is compatible with all major CAD/CAM systems:

ADRA	Houtzel APT
AUTON	I-DEAS
BihlerCAT	INTERCIM
CADDS	INTERGRAPH
CAMAX	MASTERCAM
CATIA/DELMIA	MetalCAM
(V4/V5/V6)	Pro/ENGINEER
CIMATRON	SURFCAM
DELCAM	UNIGRAPHICS
DUCT	VX
EDGECAM	WORKNC
EUCLID	*and others*
Gibbs	

An Architecture Optimized for CNC

Related Products

IMSpost™

IMSpost™, the worlds most advanced postprocessing software, transforms CAD/CAM cutter location (Clfiles) into the specific machine codes (G/M codes) required by NC machines. IMSpost works seamlessly with all major CAD/CAM systems, hardware platforms, and NC machines, in one easy to use interface.

IMSverify™

Full-function, solids-based CNC verification and simulation software with full machine simulation.

IMSce™ for V5/V6

Controller emulation capability for CNC verification and simulation integrated within CATIA/DELMIA V5/V6.

www.ims-software.com