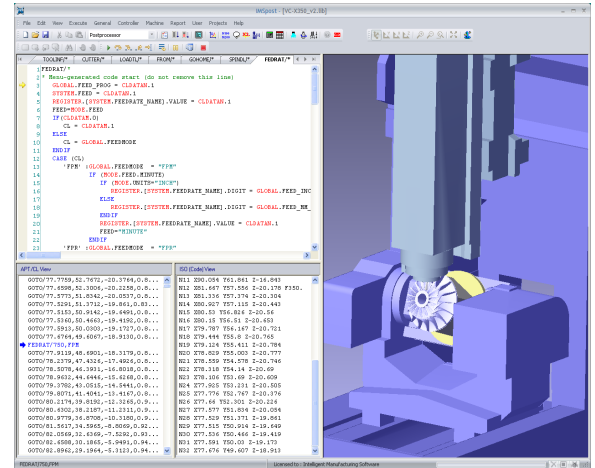# IMSpost™
CNC Postprocessor

Overview

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.

IMSpost™ features

- Intelligent read-ahead for automatically determining the best solution

- High Speed Machining

- Automatic conversion of point to point data to NURBS format

- Create your own interface, or menus; call your own DLL's, scripts or programs during postprocessor execution

- Arc fitting of point to point data in any plane

- CL file read ahead

- Advanced linearization for multi-axis machines

- Optimized output using linear tangency

- Supports all classes of machines with **any** number of linear or rotary axes;

- 5-axis drilling cycles

- Automatic support of co-linear axes

- Canned cycles, or simulated drilling cycles for machines without cycle support

- Use the same postprocessor for any CAM system or hardware platform

- An easy to use macro language and source level debugging tool traces output line by line, and statement by statement

- Access to all internal postprocessor variables and source code

- Conversational output style support

- User-definable postprocessor syntax

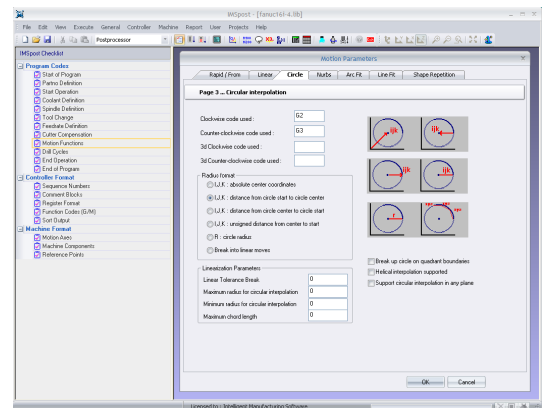- Integrated **controller emulation/reverse post** technology

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Integrated APT/CL, G-code and machine view provide the complete picture for CNC post development.

Operation

With our flexible library of standard postprocessors and machine configurations you can begin to generate NC files immediately.

The intuitive user interface provides an efficient work environment, and the IMS macro processor, with source level debugger, provides support for the most complicated postprocessor configurations.

A checklist and Windows GUI make IMSpost™ easy to use.

And, of course our professional technical support staff is there to assist you every step of the way.

Supported Platforms

- Intel/AMD 32 and 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	

Which version of IMSpost™ is right for me?

	Lite	Lite Pro	Standard	Professional
Easy-to-use GUI	✔	✔	✔	✔
Library of controllers	✔	✔	✔	✔
Library of machine kinematics		✔		✔
2-axis turning	✔	✔	✔	✔
3-axis milling	✔	✔	✔	✔
N-axis positioning		✔		✔
N-axis simultaneous		✔		✔
Graphical machine setup		✔		✔
Macro language and debugger			✔	✔

An Architecture Optimized for CNC

Related Products

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.

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