

IMSpot™ v7.4

CNC Postprocessor

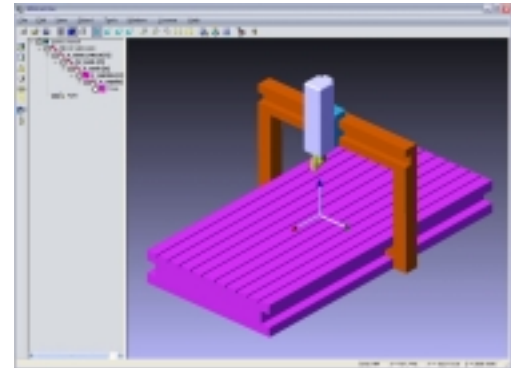


Overview

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

IMSpot™ features

- 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

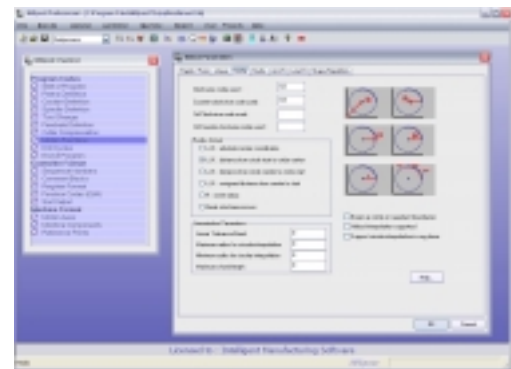


IMSmachine™, one module of IMSpot™, is a graphical machine setup and simulation program that supports any level of machine complexity.

Operation

With our flexible library of standard postprocessors, you can begin to generate NC files from the first day.

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 IMSpot™ very easy to use.

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

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Supported Platforms

- IBM Pentium computer with Windows 95/98/2000/XP/Vista or Windows NT™ 4.0 or higher, or
- UNIX workstations from:
 - Hewlett Packard Corporation
 - IBM Corporation
 - Silicon Graphics
 - SUN Microsystems

Virtual CNC Controller

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

A-B	K&T
BOSCH	MAZAK
CININNATTI	NUM
EVOLUTION	OKUMA
FADAL	SELCA
FANUC	SHARNOA
FIDIA	SIEMENS
GE	TOSHIBA
G&L	YASNAC
HEIDENHAIN	<i>and others</i>

Compatibility

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

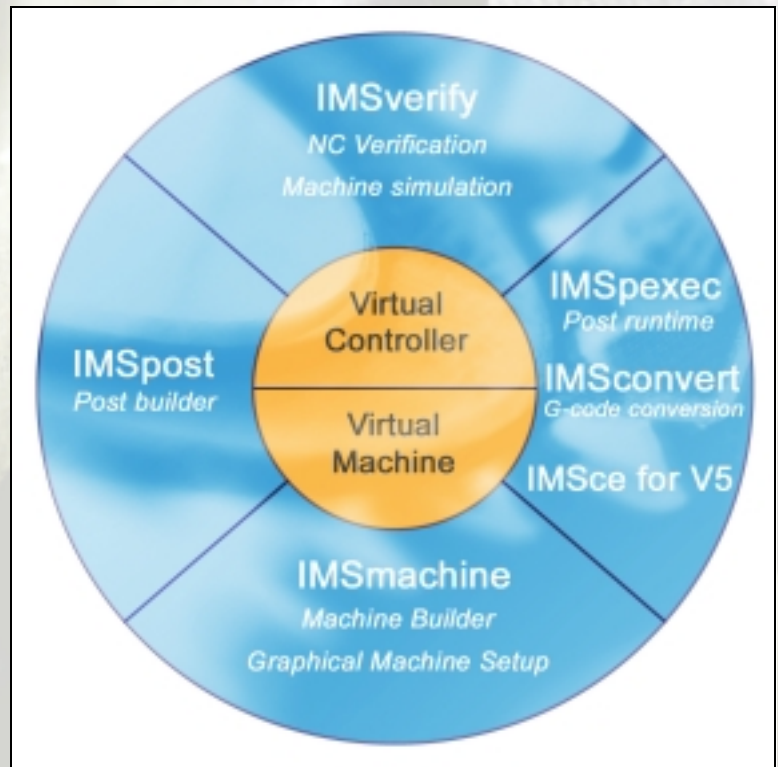
ADRA	Houtzel APT
AUTON	I-DEAS
BihlerCAT	INTERCIM
CADDS	INTERGRAPH
CAMAX	MASTERCAM
CATIA V4/V5	MetalCAM
CIMATRON	Pro/ENGINEER
DELCAM	SURFCAM
DUCT	UNIGRAPHICS
EDGE CAM	VX
EUCLID	WORKNC
Gibbs	<i>and others</i>



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

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

www.ims-software.com