



IMSpot™ v8.2

CNC Postprocessor 数控后置处理程序

Overview 概述

IMSpot™, the world's 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™, 世界上最先进的后处理专业软件, 将 CAD / CAM 中产生的刀位文件 (Clfiles) 转换为数控机床所需要的、特定的 (G / M 代码) 代码程序; IMSpot 能在一个易于使用的界面, 同所有主要的 CAD / CAM 系统、硬件平台及数控机床之间无缝地工作。

IMSpot™ features - IMSpot™产品特性

- Intelligent read-ahead for automatically determining the best solution
智能预读, 以自动确定最佳的解决方案
- High Speed Machining --- 支持高速加工
- Automatic conversion of point to point data to NURBS format
将点到点的数据自动转换为 NURBS 格式
- Create your own interface, or menus; call your own DLL's, scripts or programs during postprocessor execution
创建你自己的接口或者菜单; 后处理程序执行过程中调用和执行你自己的 DLL、脚本或程序
- Arc fitting of point to point data in any plane
在任何平面, 弧线点与点的数据拟合
- CL file read ahead --- 预读刀位 (Clfiles) 文件
- Advanced linearization for multi-axis machines --- 多轴机床先进的线性化
- Optimized output using linear tangency --- 采用直线相切以优化输出
- Supports all classes of machines with any number of linear or rotary axes
支持任何数量的线性或旋转轴数的机床
- 5-axis drilling cycles --- 支持五轴钻孔循环
- Automatic support of co-linear axes --- 自动支持共同线性轴
- Canned cycles, or simulated drilling cycles for machines without cycle support
为无循环支持功能的机床提供封闭循环或者模拟钻孔循环
- Use the same postprocessor for any CAM system or hardware platform

同一后处理程序可以应用于任意 CAM 系统或硬件平台

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

易于使用的宏语言，能追溯逐行的输出或一个个清单的源代码级调试工具

- Access to all internal postprocessor variables and source code

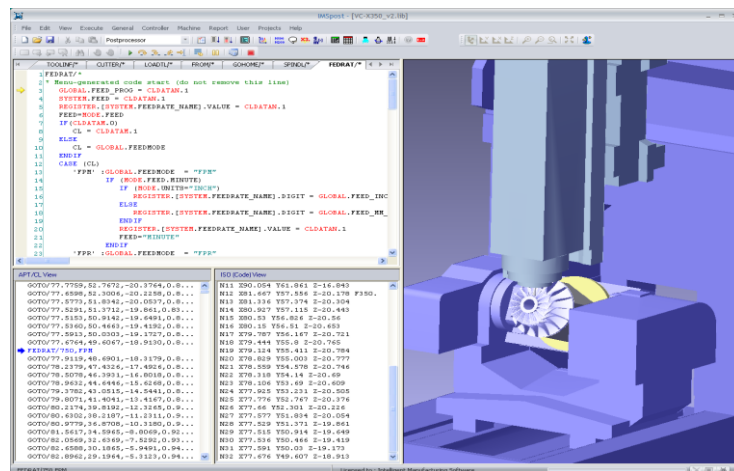
能访问所有后处理器的内部变量和源代码

- Conversational output style support --- 支持会话框形式定义输出的样式

- User-definable postprocessor syntax --- 用户定义的后处理语法

- Integrated controller emulation/reverse post technology

集成的控制器仿真/逆向后处理技术



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

集成 APT/CL, G 代码和机床模拟示范，提供了 CNC 后置开发的完整画面

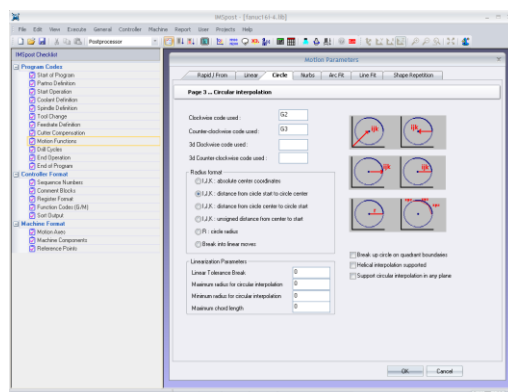
Operation 操作

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

跟随我们的标准后处理器和机床配置的灵活程序库，您立即就可以开始生成 NC 文件

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.

直观的用户界面提供了一个高效的工作环境，并结合源代码级调试工具以及 IMS 宏处理指令，提供了对最复杂的后处理配置的支持



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

检查表和 Windows 图形用户界面，使 IMSpост™易于使用。

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

当然, 我们的专业技术支持人员会在那里协助您完成每一个步骤

Supported Platforms 可支持的操作系统

- Intel/AMD 64-bit computers with Windows 7/8/10

Virtual CNC Controller 虚拟 CNC 控制管理器

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

虚拟控制管理器提供对所有主要的机床厂家的 NC 控制装置的支持，

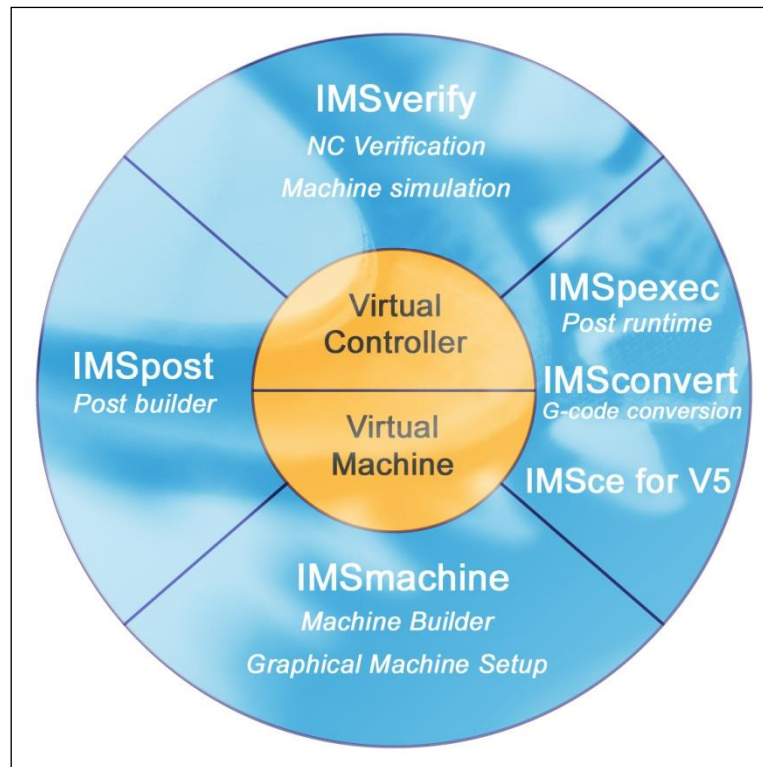
including:其中包括:

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

Which version of IMSpост™ 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 相关产品

IMSverify™

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

全功能、以实体为基础的数控验证和仿真软件，能实现完整的加工仿真

IMScce™ for V5/V6

Controller emulation capability for CNC verification and simulation integrated within CATIA

V5/V6

加工仿真器能提供与 CATIA V5/V6 集成的验证和仿真的功能

www.ims-software.com