



## **CIM-TECH®** Automation Suite

CIM-TECH<sup>®</sup> Automation Suite is a complete CNC machine programming package. This versatile product combines Computer Aided Manufacturing features with the power of AutoCAD<sup>®</sup>, the world's premiere Computer Aided Design software. CIM-TECH<sup>®</sup> Automation Suite generates automatic tool paths for CNC Routers, Point-to-Point Boring Machines, Mill, Laser, Torch, and Water Jet Machines.



## **AutoNEST**

Maximize your material yield quickly and easily with power of AutoNEST<sup>™</sup> true shape nesting software. Automatically optimize the location and quantity of parts on multiple materials. Save time, material, and money with this CIM-TECH<sup>®</sup> Automation Suite add-on.

### **Advanced AutoNEST**

The Advanced Nesting Module now offers our Automated Two-Sided Nesting, Staydown Nesting, Common Line Nesting, Cart Control Nesting and Multiple Stock Cart Control Nesting. These features quickly pay for themselves in time and material savings!



#### Solid-CIM 3D

Solid-CIM 3D<sup>®</sup> is the ultimate solution for programing or nesting 3D solid parts and assemblies from AutoCAD<sup>®</sup>, Autodesk Inventor<sup>®</sup>, SOLIDWORKS<sup>®</sup>, Solid Edge<sup>®</sup> and many other popular solid modeling products. Automatic Feature Recognition (AFR) works directly of 3D solids and 3D solid assemblies to lay parts flat and identify machine operations. With one click, nested programs for any CNC machine are created with a cut list with all the parts, materials, and quantites.



# Auto-CIM

Auto-CIM automates the process of converting your 3D models into machine ready NC code. Auto-CIM has the ability to monitor a folder for your solid models, process the model automatically, and place tool paths on all parts and send the NC code files to a location of your choosing. Auto-CIM removes the need of CNC programmers to have to manually process parts, and assign tool paths reducing the time spent programming.



### CutSim

CutSim is a CAD/CAM component solution for CNC Simulation, which provides fast, highly accurate simulation of stock removal. This simulation allows for the visualization and analysis of the material removal process. When the simulation is run after completing a design, the resulting toolpaths can be easily modified and improved. By using the simulation results, errors are found quickly therefore lowering the cost to resolve them.



## **Touch-N-Print**

Touch-N-Print<sup>™</sup> is an interactive labeling system that can increase the efficiency of printing labels by allowing you to print at your machine as you need them.

By utilizing the touch screen you simply touch the part and the label will print. The labels are fully customizable by allowing you to select, position, and format the data you want to see to get exactly what you want.





#### **Multi-CIM**

The Multi-CIM<sup>™</sup> add on to CIM-TECH<sup>®</sup> Automation Suite saves you time by automatically exporting individual parts out of a drawing that contains multiple parts. This powerful software puts all of the individual drawings into a user selectable folder and also builds a cut list that can be imported and run through CIM-TECH<sup>®</sup> automation to cut and nest parts in just a few clicks.

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## Saw-CIM

Saw-CIM software outputs panel saw cut lists directly from 3D solids and Solid-CIM 3D<sup>®</sup>. With Saw-CIM, you can choose what parts go to the saw and what goes to the router or point to point machine. Parts from 3D assemblies in AutoCAD<sup>®</sup>, Autodesk Inventor<sup>®</sup>, SOLIDWORKS<sup>®</sup>, Solid Edge<sup>®</sup>, and many others can now be output as cut lists to run through industry standard saw optimizers like ARDIS and Cut Rite. Established in 1986, the founders of CIM-TECH<sup>®</sup> realized that a CNC machine was only as good as your ability to program it. Computer Integrated Manufacturing (CIM) was needed to bridge the gap between Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM). CIM provides for a seamless solution with a common interface for design and manufacturing. From this basic concept a new company was created, CIM-TECH.

Our flagship product, Router-CIM<sup>®</sup>, was developed by building on AutoCAD<sup>®</sup>, the world's most popular CAD system. With Router-CIM<sup>®</sup>, CIM-TECH created a manufacturing solution for high speed CNC equipment. Close ties to major CNC router manufactures have given us a hands-on advantage of perfecting our software so that our customers experience the fastest cycle times and the best yields. CIM-TECH focuses on custom-designed, automated manufacturing solutions to meet the needs of each individual customer.

CIM-TECH<sup>®</sup> has released over 35 generations of software, each with enhanced features for added productivity. Our software is dedicated to simplifying the steps necessary for manufactures to move from design to production parts. Over 15,000 copies are being utilized by the world's top manufacturers to operate on all brands of CNC machining centers.

Are you ready for a new level of manufacturing productivity where you save time, material, and money? Trust CIM-TECH<sup>®</sup>, a 100% American owned and staffed manufacturing software solution partner.

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