

# SmartCAM Advanced Wire EDM™

for Microsoft® Windows NT™ & Windows 95™

*Generate precise  
CNC wirepath  
and code for  
2- through 5-axis  
wire EDMs*

## SmartCAM Advanced Wire EDM

SmartCAM Advanced Wire EDM™ software provides wirepath for both 2- and 4-axis wire EDM machines. It offers the flexibility and functionality you need today plus a long term growth path for your future needs. Like all SmartCAM® applications, Advanced Wire EDM is designed to help you reduce your programming time, improve your machining processes, and deliver your customer's parts quicker.

## Ease Of Use

SmartCAM Advanced Wire EDM runs with the icon-oriented Microsoft Windows 95 and Windows NT operating systems. Advanced Wire EDM's graphical user interface uses manufacturing terminology and logical operational sequences that even first time users will find familiar and experienced users can apply quickly.

## Compatibility

SmartCAM Advanced Wire EDM takes design information from any CAD system. IGES, DXF, and CAMCAD Standard™ data translators turn design elements into part profiles properly sequenced for cutting.

## Shorten Part Delivery Times

SmartCAM Advanced Wire EDM provides comprehensive cutting solutions that help you get jobs done faster and shorten part delivery times, including:

- Robust wirepath creation and editing functions enable you to create and edit complex part profiles and create machine-ready CNC wirepath.
- True 4-axis surface offset is maintained regardless of the wire taper angle.
- No core cutting allows unattended roughing operation.
- Windows multi-tasking capabilities let you move between applications without quitting programs. You can also access and exchange information over a network.

## Functionality Saves Time

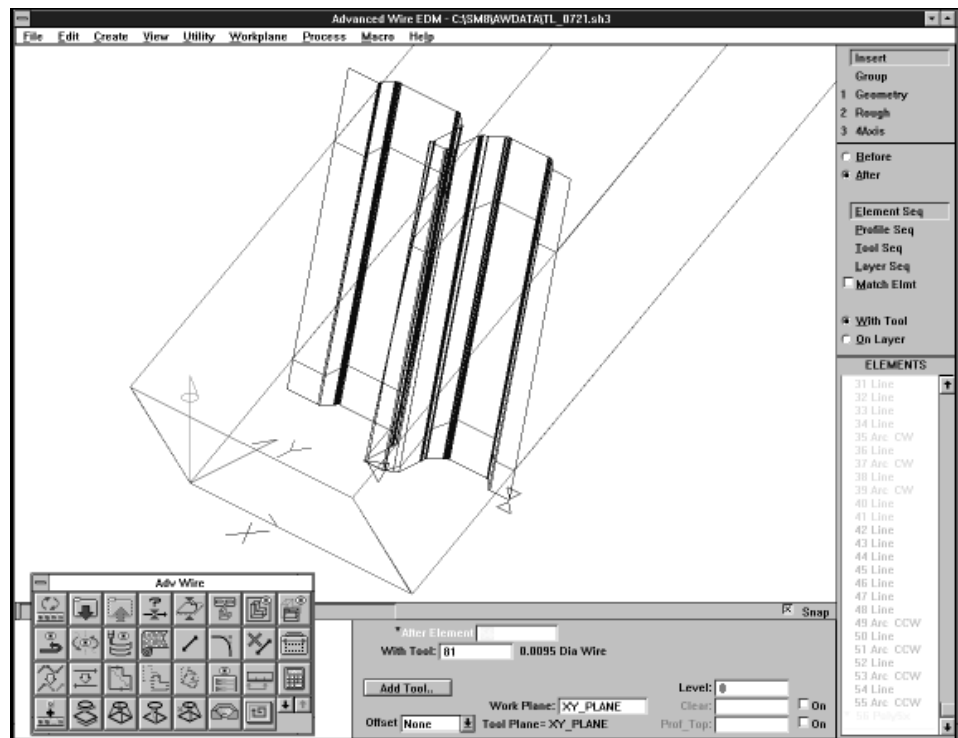
SmartCAM Advanced Wire EDM offers a range of time-saving solutions, including:

- Automatic glue stops
- Dimensioning
- Gears
- Roughing & skim passes
- Simplified taper cutting
- Subroutine support
- Z-level support

## Eliminate Surprises

Visual verification capabilities improve product quality and saves you machine time and material costs.

- Verify before you cut. The model will show you both wirepath and "as cut" surfaces.



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- Custom tool graphics help you visualize special setups. For example, you may create graphics for the wire which include upper and lower guides.
- Dimensioning and notes capabilities help with shop floor documentation.

### **Capture Your Manufacturing Expertise**

- **Job Operation Planner**

The Job Operation Planner is a unique SmartCAM function that helps you organize and store tooling and machining operations information so you can capture proven machining methods and reuse them.

- **Customization**

Almost everything about SmartCAM applications – from the user interface to the way code is output – can be customized to streamline your work. SmartCAM applications put you, not the computer, in control.

### **The SmartCAM Advanced Wire EDM Advantage**

CIMdata Inc.'s NC Software Buyers Guide ranked SmartCAM applications as the best value out of 38 CAM products surveyed. That means you get maximum return on your investment. And as your business grows, the SmartCAM family of applications for 2½- through 5-axis milling, 2- through 6-axis turning, 2- through 5-axis Wire EDM and fabrication will continue to meet your competitive needs.

### **Call Today**

For more information on how SmartCAM products can contribute to your productivity and profits, call your local CAMAX Dealer. For Dealer information, contact CAMAX at (800) 394-5300 or (612) 854-5300.

### **Advanced Wire EDM System Requirements**

#### **Windows**

#### **Computer**

- Minimum 386DX
- Recommended 486DX or Pentium

#### **Operating System**

- Windows 95 or Windows NT

#### **Physical RAM**

- Minimum 8 Mb
- Recommended 16-32 Mb

#### **Swap Space**

- Minimum 24 Mb
- Recommended 32 Mb of permanent swap space

#### **Hard Disk Space**

- 15 Mb for installation

#### **Other Devices**

- CD-ROM Drive



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