

SmartCAM Production Turning™

for Microsoft® Windows NT™ & Windows 95™

*Generate CNC
machine processes
and code for
2-axis lathes.*

SmartCAM Production Turning

SmartCAM Production Turning™ software creates efficient toolpath and CNC code for 2-axis lathes. As the first tier in the SmartCAM® family of turning applications, it offers the functionality you need today plus an easy, long term growth path for your future needs. Like all SmartCAM applications, Production Turning is designed to help you reduce your programming time, improve your machining processes, and deliver your customer's parts quicker.

Ease Of Use

SmartCAM Production Turning runs with the icon-oriented Microsoft Windows 95 or Windows NT operating systems. Production Turning'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 Production Turning takes design information from any CAD system. IGES, DXF, and CAMCAD Standard™ CAM Connections turn design elements into part profiles properly sequenced for machining.

Shorten Part Delivery Times

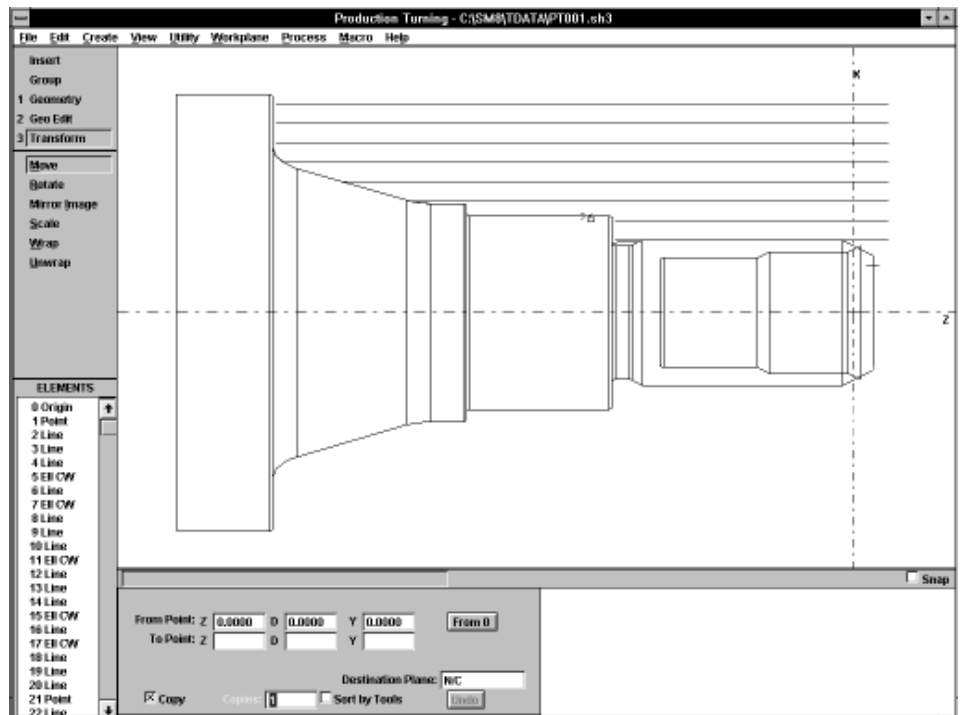
SmartCAM Production Turning provides comprehensive solutions that help you get jobs done faster and shorten part delivery times, including:

- Fast, flexible toolpath geometry
- Automatic roughing routines:
 - Linear operations can be generated at any angle. For undercut roughing, SmartCAM automatically identifies the part and material boundaries for any areas not cut by the back of the tool.
 - Contour roughing follows the finish profile.
 - Groove roughing cuts are generated for the ID, OD, or face of your part.
- Comprehensive threading support:
 - Creates inside and outside diameter, left- or right-hand, and straight or tapered threads.
 - Uses built-in thread tables or you can create your own.

- Generates code as a canned cycle or as toolpath.
- Intelligent drilling cycles:
 - Quickly generate code or canned cycle output for drilling, tapping, boring, or counterboring operations with minimum input.

Eliminate Surprises

- Visual verification capabilities improve product quality and save you machine time and material costs.
- ShowCut™ shaded volumetric simulation of the machining process shows you how your material will be cut before you put it on the machine.
- Show Path simulates the machining process to show you how your material will be cut before you put it on the machine.



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- Dimensioning and notes capabilities help with shop floor documentation.
- Custom tool graphics help you visualize tools and create custom tool libraries.
- Dynamic viewing capabilities let you verify toolpath from any angle.

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 Production Turning 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.

Production Turning 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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