

SmartCAM Production Milling™

for Microsoft® Windows NT™ & Windows 95™

*Generate CNC
machine processes
and code for
2¹/₂-axis milling
with 4th axis
positioning.*

SmartCAM Production Milling

SmartCAM Production Milling™ software is a highly productive solution for applications that require 2¹/₂-axis machining with fourth axis positioning. As the first tier in the SmartCAM® family of milling applications, it offers the functionality you need today plus a long term growth path for your future needs. Like all SmartCAM applications, Production Milling 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 Milling runs with the icon-oriented Microsoft Windows 95 or Windows NT operating systems. Production Milling'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 Milling takes design information from any CAD system. IGES, DXF and CAMCAD Standard™ data translators turn

design elements into part profiles properly sequenced for machining.

Shorten Part Delivery Times

SmartCAM Production Milling provides comprehensive machining solutions that help you get jobs done fast and shorten part delivery times, including:

- **Robust toolpath creation and editing functions**

Get the functions you need to create and edit part profiles and create machine-ready CNC toolpath.

- **Intuitive pocketing**

Select from spiral, linear, or zigzag routines. Automatically calculate correct toolpath, and recognize multilevel islands and open profiles.

- **Intelligent drilling**

Automatically create drilling codes based on the parameters of the tool chosen.

- **Fourth axis support**

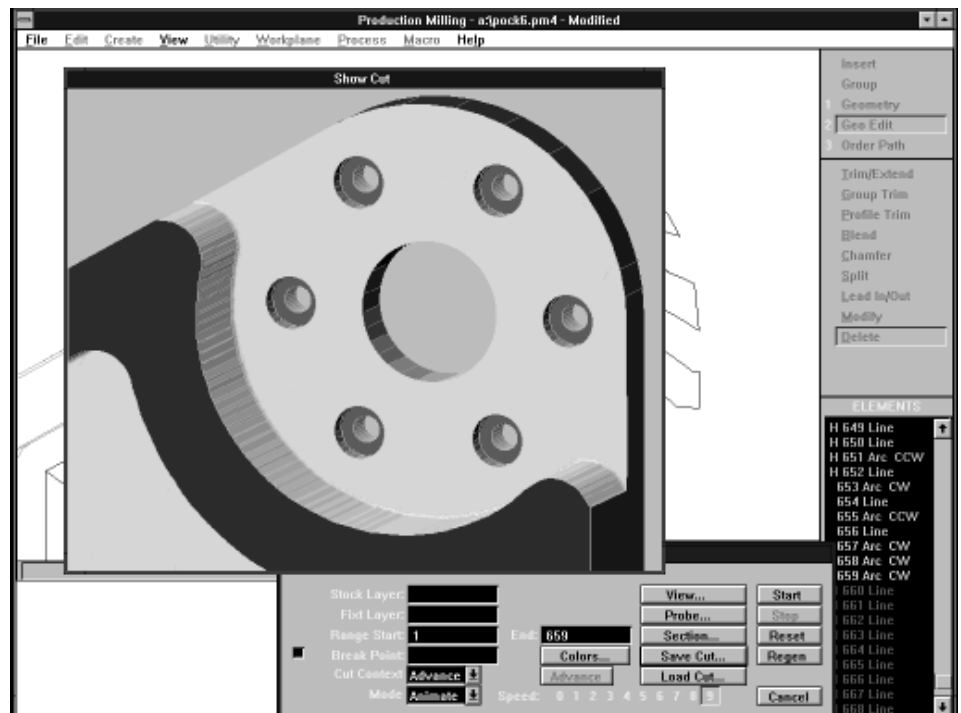
Maximize your machining productivity with indexing tables and tombstone setups.

Save Time And Money

- Subroutine support saves you time on repetitive shapes and operations.

- Automatic Toolpath Optimization sorts through toolpath solutions to find the shortest machine cycle time.

- Macro Productivity Tools automate commonly used machining functions to make your work faster and easier.



SmartCAM Production Milling

- Automatic Toolpath Optimization sorts through toolpath solutions to find the shortest machine cycle time.
- Macro Productivity Tools automate commonly used machining functions to make your work faster and easier.

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.
- Dimensioning and notes capabilities help with shop floor documentation
- Custom tool graphics help you visualize special tools as well as the standard ball, bull-nosed, and square tools supported by the software.

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 Milling 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 Milling 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



7851 Metro Parkway
Minneapolis, MN 55425-1528
Phone: (612) 854-5300
Fax: (612) 854-6644
Web address: www.camax.com

SmartCAM and CAM Connection are registered trademarks, and SmartCAM Production Milling, Edit Plus, ShowCut, and CAMCAD Standard are trademarks of CAMAX Manufacturing Technologies, Inc., a wholly-owned subsidiary of Structural Dynamics Research Corporation.
All other trademarks or registered trademarks belong to their respective holders.

©1997 SDRC Operations, Inc. All rights reserved.