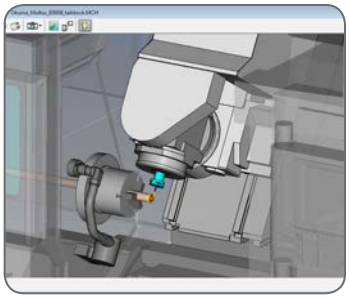
Delcam Advanced Manufacturing Solutions

OKUMA

THINC PARTNERS

PartMaker allows you to program the full line-up of Okuma CNC machines including every Okuma Vertical and Horizontal Machining Center and multi-tasking Turn-Mill center. PartMaker is an easy to use, full spectrum CAM system that provides you the ease of use you want with the power you need to tackle your toughest jobs.

Milling



PartMaker Mill gives you what you really need from a CAM system — the ease of use to program your parts quickly with the power and flexibility to handle even the toughest jobs. PartMaker applies a Knowledge Based Machining approach to capture your shop specific knowledge about feeds and speeds, tooling and repetitive processes to speed programming. PartMaker's Windows developed user interface has easy to follow graphics to guide you through every step of programming a part. PartMaker Mill is a cost effective solution that supports 2 ½ axis, 3-axis, 4-axis, and 5-axis milling operations on Okuma Horizontal and Vertical Machining Centers.

Turning

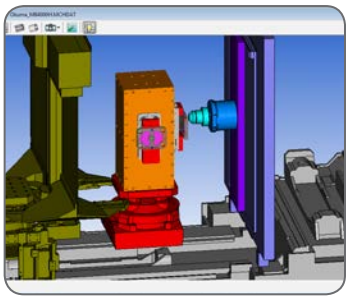
PartMaker CAM Software for 2-axis lathes uses visual representations of turning operations and cutting tool parameters to assure quicker learning. The task of programming an Okuma 2-axis lathe is made so simple that even novices can produce good programs in a matter of minutes. Once the desired operation is selected, a graphical representation of the tool motion and material removal is shown.

Multi-Tasking Turn-Mill

PartMaker Turn-Mill is a proven solution for programming the full line of Okuma multi-tasking Turn-Mill centers such as the various models found in the Multus, Macturn, LB, LT and LU ranges. PartMaker assures quicker learning and easier use. PartMaker's patented 'Divide and Conquer' programming approach greatly simplifies the programming of parts with a number of turned and milled features. Using PartMaker's Full Machine Simulation module, an Okuma Turn-Mill user can simulate the machining process in 3D on any number of Okuma machines on their computer desktop in a "virtual reality" like environment using actual machine models provided by Okuma before generating an accurate program for their machine. PartMaker also allows users to quickly perform an optimized time study on a part.

Major benefits of PartMaker for programming Okuma Multi-Tasking Turn-Mills with PartMaker:

- Create part geometry in an easy to use CAD system or import engineering data in either 2D or 3D formats from systems like AutoCAD, SolidWorks, Pro/E and others
- Quickly program parts of all varieties of difficulty
- Automatically calculate and optimize part cycle time
- Accurately simulate the machining process using 3D simulation based on solid models of actual Okuma machine tools provided by the manufacturer
- Generate accurate NC code the first time with robust post processors developed for specific Okuma models for Multus, Macturn, LT, LB and LU series machine tools



About Okuma

Okuma America Corporation is the U.S.-based sales and service affiliate of Okuma Corporation, a world leader in CNC (computer numeric control) machine tools and machining process optimization. Okuma is the industry's only single-source provider, with the CNC machine, drive, motors, encoders, spindles and CNC controls all manufactured by Okuma. Okuma delivers innovative, full-circle solutions for CNC machine tools, software and CNC controls.

About PartMaker and Partners in THINC

Delcam's PartMaker is a member of Okuma America's Partners in THINC program, a collaborative network of over 40 companies that service the metal-cutting and manufacturing industry with specialized software, equipment, expertise and a commitment to solve problems and increase productivity for end users. With Okuma's open architecture, PC-based THINC®-OSP control as its nucleus, Partners in THINC strive to provide the best possible integrated solutions to end users. Delcam's PartMaker is used by a variety of leading Okuma customers across a broad spectrum of industries and applications.

PartMaker

The Power You Need
The Ease of Use You Demand

1-888-270-6878 550 Pinetown Rd., Ste #470 Fort Washington, PA 19034 www.partmaker.com

USE **PARTMAKER** TO **PROGRAM** YOUR OKUMA CNC MACHINES

Delcam Advanced Manufacturing Solutions

"The Okuma Multus has always been powerful but the software was lacking. Now with PartMaker, I'm able to process more complex parts whereas before I was not even able to bid on them."

Michael Bellone | Owner
Pioneer Machine Company | Latrobe, PA

Learn more at:
http://www.partmaker.com/CNC-Compatibility/okuma

PartMaker is a proven solution for programming the full range of Okuma CNC machines with robust post processors and vivid full machine simulation built into the software.

PartMaker

Contact us today to learn how PartMaker will improve your productivity.

THINC PARTNERS

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