



Cimatron CAM

Cimatron CAM provides powerful tools for the efficient programming of 2.5-axis to 5-axis CNC machine tools, including specialized strategies for machining molds, plates, dies, and discrete parts.

Reach your full potential with advanced programming technologies developed to help you safely optimize equipment and make the most of your investment in CNC machinery.

Improve programming efficiency with specialized machining strategies that allow CNC programmers to retain complete control over all 5-axis machining operations. Ensure accuracy with a library of proven post processors and controllers, as well as strategies dedicated to the machining of complex blades, impellers, blisks, turbines, and more.

Generate safe, accurate toolpath and take advantage of specialized strategies for milling and drilling. Increase productivity with roughing strategies that enable the safe and efficient removal of material at high rates. Achieve superior surface quality with rich 3-5-axis finish, cleanup, and rest material strategies, including air extensions and elimination of waterfalls. Roughing and finishing capabilities include dedicated functionality for electrodes and micro milling.

Multi-axis toolpath simulation and comprehensive gouge and collision detection capabilities help manufacturers machine with confidence. CNC program simulation includes detailed graphical representations of machine kinematics, fixtures, and workpieces.

Seamlessly import data from all standard and native file formats. Accelerate the preparation of solid models for production with a hybrid CAD environment that provides a variety of design tools. Integrated CAD capabilities make it easy to repair models and apply drafts and rounds for more efficient machining.



A hybrid CAD environment and variety of design tools help quickly prepare solid models for production.



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Machine with confidence using simulation representing machine kinematics, fixtures, and workpieces.

