



**Reliable**  
SOLUTIONS  
ONE STOP SOLUTIONS FOR ALL TECHNOLOGY NEEDS



**NCG CAM Solutions Ltd.**

## **THE 3 - 5-AXIS MACHINING SOLUTION FOR CUTTING COMPLEX GEOMETRY**

As a provider of technologically advanced manufacturing solutions, NCG CAM will provide a rapid Return on Investment, increasing the efficiency of your machining environment.

This product expands the capabilities of your milling solutions with powerful new technologies like:

- True Multi-Threading capability
- Anti-Vibration capabilities utilized during roughing routines
- Feed-Rate Optimization with Automatic Look-Ahead capability
- Fill Holder and Shank Gouge protection
- 5-axis Simultaneous Machining
- Complete HSM movement

## **ABOUT US**

Serving industries from small businesses to large corporations, we provide tailored manufacturing and engineering solutions.

### **Vision**

To lead in integrated CIM solutions, driving innovation, technology, and sustainable manufacturing globally.



### **Software**

Examine the extensive selection of CAD/CAM/CAE software required to increase industry productivity.



### **Engineering**

Our expertise lies in the machining and production of diverse customized projects.



### **Hardware**

Investigate the numerous 3D scanners and printers to advance into industry 4.0.



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# Why Use NCG CAM?



Here are a few good reasons more and more CAM users are switching to NCGCAM!

- Stand alone CAM software, compatible with ANY CAD package
- Comprehensive Toolpath Control
- Ideal for shop-floor programming or offline programming.
- While the CNC machines are running, the operators can create the next job to cut.
- Powerful 3D machining, 2-axis to 5-axis
- Optimized toolpaths for HSM machining
- Increased efficiency
- Reduced wear on machine
- Extended tooling life
- Collision Avoidance

## Available Features

- MULTI-AXIS TURNING
- CNC INTEGRATION & POST-PROCESSING
- MODEL ASSOCIATIVITY
- PART INSPECTION
- THREADING AND BORING CAPABILITIES
- TOOL HOLDER LIBRARIES
- CUTTING TOOL LIBRARIES
- ELECTRODE MACHINING
- AUTOMATIC HOLE DETECTION
- EDIT TRIM SURFACE BOUNDRIES
- OFFSET PROTECTIONSURFACES
- 3 + 2 5-AXIS MACHINING
- STOCK MODELS
- 3 TO 5-AXIS CONVERSION



### Why 4 or 5 Axis CNC Machine?

- Faster machining times (reduced number of setups)
- Better surface finish due to the use of shorter cutting tools
- Faster machining, higher feeds and speeds, (shorter tool)
- More accurate part
- Lower tooling costs, (less setups)
- Lower rework costs due to human error in multiple setups
- Less time hand finishing



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