

CNC Machinist Calculator Ultra Brings Advanced CNC Tools, CAD, G Code Simulation, and GD&T Support to Machinists

Comprehensive mobile and web app gives CNC operators, machinists, and manufacturing engineers access to powerful shop-floor tools from anywhere

Phoenix, Arizona Jul 8, 2026 ([IssueWire.com](https://www.IssueWire.com)) - CNC Machinist Calculator Ultra is helping machinists, CNC operators, and manufacturing engineers simplify complex shop-floor tasks with one comprehensive mobile and web-based tool. Designed for real machining environments, the app combines advanced calculators, CNC programming support, CAD and DXF tools, G-code simulation, GD&T education, and material data into one powerful platform.

Built specifically for the needs of modern machine shops, CNC Machinist Calculator Ultra gives users access to 63 features that support turning, milling, drilling, tapping, threading, spline calculations, gear profiling, tolerance checks, cutting data, and more. Instead of relying on multiple disconnected references or manual calculations, users can access essential machining tools through the app's mobile and web platforms.

One of the app's standout features is its integrated 2D CAD and DXF generator. Users can draw, modify, measure, and export CNC-ready DXF files directly from the app. With drafting tools such as intersection snapping and angle measurement, machinists can quickly create or review geometry without leaving the shop floor.

The app also includes live G Code simulation, allowing users to visualize toolpaths before running programs on a machine. Users can simulate code generated inside the app or drag and drop their own G Code files to watch them run before taking the next step in their workflow.

CNC Machinist Calculator Ultra also features an interactive GD&T Learning Center designed to help machinists and inspectors better understand geometric dimensioning and tolerancing. The tool includes searchable symbol references, a shop-style quiz, and a Feature Control Frame builder that translates drawing callouts into plain-language meaning, including bonus tolerance calculations for MMC and LMC conditions.

Additional features include automated program generators for G76 lathe threading, G84 tapping cycles, G81 through G83 drilling cycles, thread milling, and CNC broaching keyways. The app also includes cutting speed data for more than 170 materials, a machining formula library with 172 formulas, over 1,500 machinist tips, spline and spur gear profile tools, thread calculators, insert catalogs, hardness conversions, coolant concentration calculators, tolerance tools, and more.

For users who want to move between mobile and web access, CNC Machinist Calculator Ultra includes PC Link. This feature allows subscribed mobile users to scan a secure QR code and temporarily unlock the full web version of the app, making it easy to transition from a phone on the shop floor to the web platform when a larger screen or workstation setup is preferred.

CNC Machinist Calculator Ultra is available now through the official web app, the Apple App Store, and Google Play.

About CNC Machinist Calculator Ultra

CNC Machinist Calculator Ultra is a comprehensive machining app built for machinists, CNC operators,

programmers, inspectors, and manufacturing engineers. The platform brings together advanced CNC calculators, material data, programming tools, CAD support, G Code simulation, GD&T learning resources, and shop-floor references in one accessible mobile and web-based application.

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