

Software

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Denford's range of software solutions covers all aspects of Design and Manufacture

The range includes 2D Design and Manufacture software such as QuickCAM 2D Design and QuickTURN 2D Design and industry standard 3D Design Drafting and Simulation software like SolidWorks 3D Design. Products such as QuickCAM Pro are wizard based applications used to accept 3D stereo lithography files (STL) to create cutter paths for machining 3D parts on Denford's Routers and Milling Machines.

Denford's VR CNC Milling 5 CNC machine control software incorporates 2D DXF and DWG file import, as well as allowing import of Gerber PCB files from all major PCB design packages.
Latest software downloads and updates here:

SOFTWARE

QuickTURN 2D Design

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CAD/CAM DESIGN AND MANUFACTURE SOFTWARE FOR LATHES

QuickTURN is an advanced yet simple to use, wizard based CAD/CAM package for Lathes. You can create or import 2D profiles, configure your tooling and material settings, then run the CAM wizard to create and simulate CNC Lathe toolpaths. The software features fully automatic toolpath generation, picking the most suitable tool from those available.

[Software literature](#)

LaserCAM 2D Design

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2D DESIGN SOFTWARE FOR LASER CUTTERS

LaserCAM 2D is a 2D CAD solution for use with Laser cutting machines. Simple designs can be created quickly and accurately and output to a laser with minimum effort. A host of import options make it the ideal way to manufacture logos, designs and projects on most types of Laser cutter & engraver.

[Software literature](#)

SolidworksTM

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3D DESIGN, DRAFTING AND SIMULATION SOFTWARE

SolidWorks is the same software that engineering professionals worldwide use to design innovative, real-world products. SolidWorks Education Edition* includes curriculum materials, making it easy for you to teach at every level of education, and is ideal for those involved in delivering the new Engineering Diplomas. SolidWorks is simple for your students to learn and use. Without leaving the SolidWorks application, students will be able to fully simulate their designs, enabling them to truly learn about engineering processes.

[Software literature](#)

[QuickCAM 2D Design](#)

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2D DESIGN & MANUFACTURE SOFTWARE

QuickCAM 2D Design is an advanced, yet simple to use, wizard based 2D CAD/CAM package. You can create designs quickly and accurately, then run the CAM wizard to create CNC machine toolpaths. It features various import options to allow images, PCB's and designs from other CAD packages to be manufactured. The customisable post processor and advanced printing facilities provide outputs to most desktop CNC and laser machines.

[Software literature](#)

[QuickCAM PRO](#)

[View catalogue page](#)

ADVANCED MILLING CAM SOFTWARE

QuickCAM Pro is an advanced, yet simple to use, wizard based CAM package, which is used to create cutter paths for machining 3D parts on a milling machine or router. Both STL files and image files can be imported into QuickCAM Pro, and a comprehensive set of machining plans can be used individually or in combination to produce complex 3D surfaces and lithophanes.

[Software literature](#)

[VR CNC Milling 5](#)

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CNC MACHINE CONTROL SOFTWARE

Virtual Reality (VR) CNC Milling 5 is an improved and updated version of our CNC machine control software incorporating Denford PCB Manufacturing Software and 2D DXF import facilities, together with USB connectivity, delivering machining times up to 40% faster than before. Enhanced features provide the user with new machining capabilities, simplified options in datum setting, improved tool and work offset features and a new, powerful, virtual reality 3D simulation engine.

[Software literature](#)

[VR CNC Turning](#)

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CNC MACHINE CONTROL SOFTWARE

VR CNC Turning is a Virtual Reality based CNC programming software package offering full machine control and Virtual Reality simulation of CNC Lathes. Features include customisable docking toolbars, comprehensive tooling management, colour formatting of NC code & powerful NC code modification options.

[Software literature](#)

[Virtual Wind Tunnel](#)

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F1 VWT ANALYSIS SOFTWARE

The Virtual Wind Tunnel provides an innovative and cost-effective way for schools and colleges to analyse and test their F1 cars. The results will provide you with information relating to the potential performance of your design, and provide guidance towards the areas for improvement.

[Software literature](#)