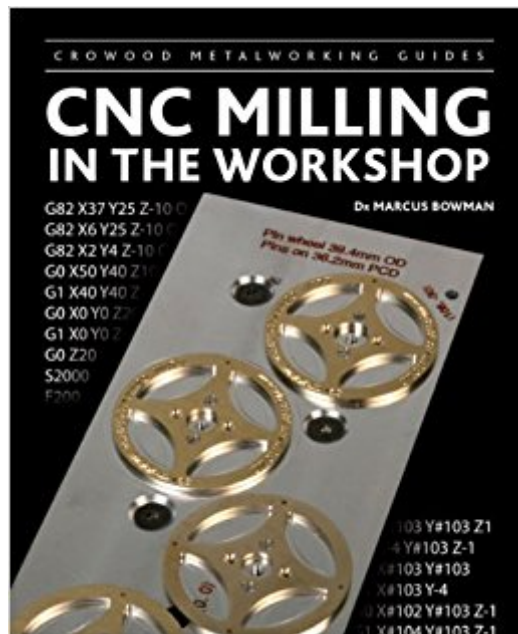




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# CNC Milling In The Workshop (Crowood Metalworking Guides)



## Synopsis

A practical approach to using the CNC mill, aimed at everyone with a workshop, particularly modelmakers and horologists. CNC (computer numerical control) milling machines are now available to even the smallest of workshops, allowing designers to be more ambitious and machinists to be more confident of the production of parts, greatly increasing the potential of milling at home. This accessible guide takes a practical approach to software and techniques, and explains how you can make full use of your CNC mill to produce ambitious works of a high standard. It offers authoritative advice on programming and operating a CNC mill and a guide to the major CAD/CAM/CNC software such as Mach3, LuxCNC, and Vectric packages, without being restricted to any particular make of machine; as well as practical projects and examples of a wide range of finished work.

## Book Information

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## Customer Reviews

Dr. Marcus Bowman has been machining metal for 40 years, and programming since 1970. A lifelong maker of models, clocks, and tools, he enjoys the synthesis of machining technique and programming involved in applying CNC in the workshop, and uses CAD, CAM, and CNC software to extend the boundaries of what can be achieved.

This is a fantastic introduction to CNC work in the work shop. It has examples using both MACH3

and LinuxCNC. I am very happy with the purchase. The book is expensive, but it is very knowledge dense. For me it was well worth the price. I wish someone would put together a book of this calibre together for building a CNC machine.

This book is so good, I feel compelled to review it. I've read a half dozen other books on CNC and none of them provide the depth of information and utility that this one does. Most of the other books focus on the construction of a machine and have tiny sections related to their operation. This one covers the process, the tooling, the coding - pretty much everything needed to get started with a CNC machine. I highly recommend this book to hobbyists who are just getting started with desktop CNC. While the focus of the book is on machining metal, the author does address wood as well. The truth of the matter is that metals take more skill and you can apply the same concepts he presents to wood as well. Also, hats off to the author for his writing style and for the lack of typos and grammatical errors. So nice not to read something riddled with problems.

Practical advice, good references to common machining situations and popular applications software, this book stands well out of the crowd of mediocre tutorials that are quickly dated and filled with filler material in the area of CNC help books.

Doesn't touch upon machine setup in regards to cnc electronics. Assumes you have a fully working cnc mill. It's fine if your interested in learning basic gcode

Worth reading.

This book is a great compliment to the author's column in Model Engineers Workshop magazine.

Excellent resource. I recently purchased a small CNC mill and this book picked right up where the MACH3 install and set up guides left off.

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