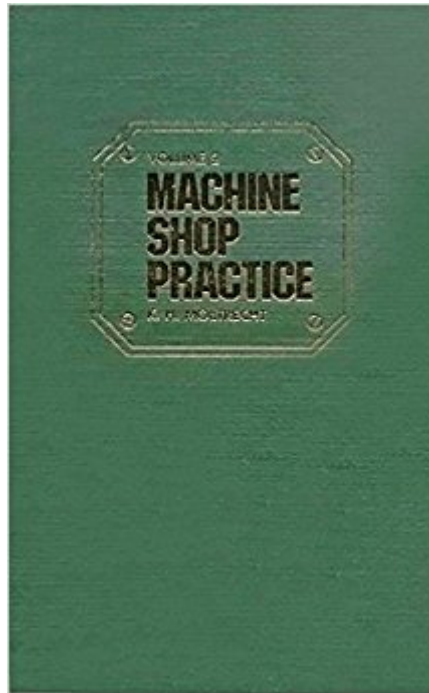


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# Machine Shop Practice, Vol. 2



## Synopsis

Everything the apprentice or on-the-job professional needs to know about the intelligent and efficient operation of machine tools is here. Includes over 760 illustrations and 70 tables in two volumes. Offers sections on numerical control; grinding wheels (that includes the newest abrasive materials); single point cutting tools and tool wear; basic drilling machine setups; and formulas for estimating the power required for planing. Provides detailed discussions on methods of setting up the workpiece on milling machines, horizontal boring machines, planers and shapers.

## Book Information

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Average Customer Review: 4.1 out of 5 stars 18 customer reviews

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## Customer Reviews

Designed for use in the classroom or for home study, this book, with its many tables and formulas, is also useful in the workshop as a reference book for the more-advanced craftsman, technician, and manufacturing engineer.

Good book. I read Vol 1 and Vol 2. First volume covered lathe work. This volume covers shaping and milling. One of the few textbook level books on machine operation that is well written and doesn't get bogged down in safety discussions. Actually covers the subjects comprehensively. Good book for someone like a hobbyist that wants to learn more about the operation of manual machines.

I purchased this book and the volume 2 as well. These books go into detail on most of the general purpose manual machines you are likely to encounter, as well as single point tool function and give quite a number of examples. It also gives a good number of charts on cutting speeds as well as correction factors for different depths of cut and feed rates. Gives k values for calculated horsepower required for a given cut. It covers the lathe, milling machine, shaper, planer, layout, surface grinder, cylindrical grinder, tool and cutter grinder and jig borer. As this is an older book, it doesn't cover CNC at all and has one chapter on CNCs predecessor, NC. This gives very good coverage of manual machining; I was especially interested in the shaper and planer chapters, as information on these machines is no longer available in modern texts.

Good book. Topics covered in reasonable detail and explained clearly. Equipment described might be "dated", but then so is most of the equipment in my shop. I'd buy it again!

Great book chock full of useful information. My personal belief is that manual machining is a necessity of everyone pursuing machine shop prowess. It gives a good foundation even for CNC users.

Another brilliant book by Karl Moltrecht, Once you pick it up very hard to put it down. A good book to have, full of information and a great read.

This is just like volume 1, covering the planer, shaper, milling machine, gear cutting, dividing, etc. Makes a great reference work. If you are a beginner, this book will get you very far. Don't be intimidated, read it over as you progress.

With volume 1 this is a real standard, 2 reference books, whatever the age of the edition or pictures. The detail how things are explained is outstanding. Even if an amateur is not able to acquire the big machines, he can learn a lot about the "real thing". Highly recommended!

There is a lot of hard to find information contained in this book. The book arrived well packed and in very good shape.

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