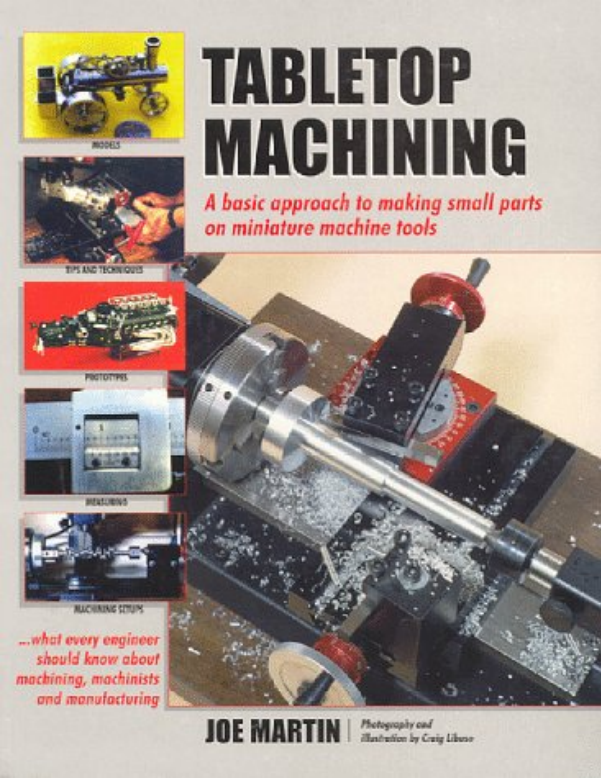
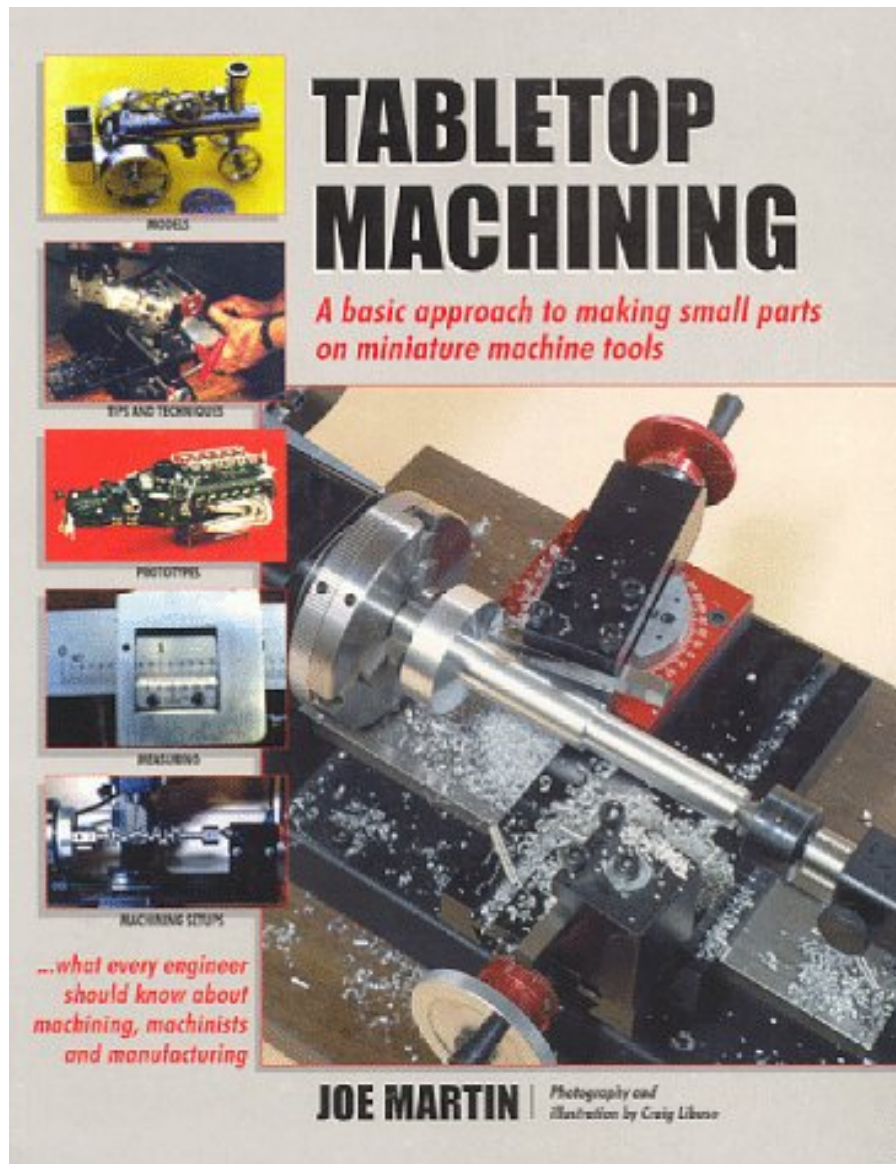


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This book is richly illustrated with drawings, diagrams and full color photography. Craig Libuse is responsible for that aspect of the book, and it has added immensely to its usefulness. While the book focuses mostly upon the Sherline lathe and mill in both drawings and photos, the setups and processes it illustrates are important and useful for any machinist with any equipment. I encourage everyone to have *Tabletop Machining by Joe Martin* in their shop library -- *The Home Shop Machinist Magazine*, January 1999

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The information gathered for the book didn't come from a college education or a library. It came from a lifetime of experience in the real world of machining. It came the hard way at the expense of busted knuckles, broken taps and scrapped parts. Joe Martin now owns and manages a successful company that manufactures Sherline miniature machine tools, but he started in a small shop with old tools and no money. Being a hobbyist as well, he is familiar with the needs of both the home shop machinist and the commercial manufacturer. He is in the unique position to be able to offer a practical perspective on the equipment and processes of machining at both extremes...from intricate miniature machining projects to full size shop production tools.

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Tabletop Machining gives the reader not just the "hows" but also the "whys" of machining practices using the lathe and milling machine for metalworking. Included are down-to-earth descriptions as well as detailed photos and drawings. In addition, a large selection of project photos illustrates the amazing work that has been produced by craftsmen using small but capable miniature machine tools. Though the tools used in the examples highlight the small end of the size scale in machining, the theories and practices can be applied to metal working on machines of any size.

Whether you're a newly graduated engineer or a beginning machinist, this book will help you gather some real, practical knowledge of how machines and machinists actually go about working with metal. This isn't theory, but rather it details "real world" practices and gives a good insight into the challenges faced by machinists. Too often, good craftsmen are stopped from venturing forth because the only information available shows just the technically perfect way to do things rather than the simple, practical methods everyone really uses. For those wishing to design and build their first metal parts, it is a perfect starting point, as it highlights the fun that comes from making small projects of precision and beauty.

- Sales Rank: #318270 in Books
- Published on: 1998-09-21
- Original language: English
- Number of items: 1
- Dimensions: 11.25" h x 8.50" w x 1.00" l, 3.05 pounds
- Binding: Paperback
- 344 pages

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Most helpful customer reviews

0 of 0 people found the following review helpful.

Great Book!!!

By E D Brown

Truly the 'bible', for using one's Sherline lathe and milling machine's...

I've been chasing this book for nearly 10 years and finally found a copy, which was affordable for me. This book will explain everything you need to know to setup and get your lathe running. Joe Martin's text [and accompanying photos] makes it EASY, for us modelers and inexperience 'would-be-machinist', to get our lathes up-n-running. AND Joe make it FUN!.

I'd recommend it to the novice and any newbie, wanting to experience hobby machining - Using a miniature lathe.

E D -

45 of 47 people found the following review helpful.

Great color photos, great practical advice, well written

By A Customer

This book should be purchased by anyone doing small scale modelling or machining. It focuses on the differences between "big scale" and "small scale."

The author gives freely of his advice. This is not a specific how to each step of any machining operation, but an overall how to. You get lots of advice. And, the book is stunning in it's photo's.

The author gives you recommendations on which tools and accessories to buy, and which vendors he buys from. An example could be the advice he gives on finishing off your part once it's machined. He advises the use of small polishing stones after the piece has been deburred. You'll see pictures of the stones he uses. "I have found a 1/4" square shape the most useful. The end can be shaped on a bench grinder to get into tight spaces. The stone is dipped into kerosene frequently to keep the surface being cut awash with fluid..." This goes on for about 4 large paragraphs.

Then he tells you about finishing off with sandpapers. "I have gotten excellent results with 320A wet and dry sandpaper glued ot small sticks. I buy these wooden sticks at hobby shops and prefer spruce. I glue the sticks to the paper with instant "super glue" and make up a batch of them at one time..." He goes on for several more paragraphs on sandpapers. They he talks about powdered and liquified abrasive polishes, then tumbled finishes. Well, you get the idea.

The last chapter of the book describes how the author started his business and relays all the important lessons that he learned. This chapter alone is worth the price of the book. In fact, you should read what he says about the great value of their internet site.

Again, this book is geared to the smaller scale of desktop machining... not using the big iron. He notes the differences. His comments on CNC, and on craftsmanship, CAD and engineering are also very interesting.

Although all the examples in the book used the company's Sherline lathes, mills and accessories, it was not blatent, nor came across as self-serving.

It's a big format book, paper back, with glossy paper with full color photos on just about every page.

I highly recommend this book. And, my hats off to the author for doing such a remarkable and detailed job.

John Dunbar

7 of 8 people found the following review helpful.

5 stars if you own a Sherline machine

By ratyoke

I bought this book because I am planning on buying a Sherline mill soon. Like the other reviewer said, this book is more like an extended manual for Sherline machines. Which is why I am giving it 5 stars. If you do not own or plan to buy a Sherline machine I think this book will be of much less interest to you. Maybe look for it in the library or a book store and look through it first and see if its really a book you would want to buy. Remember, the author is the owner of Sherline, so every example is using a Sherline machine. He frequently talks about the different machines and accessories Sherline makes. Despite this, he really doesn't come off as sounding like he is trying to sell his machines. But I may be biased since I had already decided to buy a Sherline mill before I bought this book, so he doesn't really need to sell me on anything.

Its an interesting book, the author talks about a lot more than just machining. For example he talks quite a bit about how his company came to be what it is today. I found this interesting. My only complaint about the book are the examples of work done on Sherline machines. It is almost all model cars, model boats, model planes, or their engines. From what I have read of the author, this is the sort of thing he is interested in, but I wish he could have shown a wider range of things made on miniature machine tools. The work is exceptional, its just I wish there was more variety.

If you own or plan to buy a Sherline machine, its a 5 star book. If you don't own or or plan to buy a Sherline machine, then I think the book is maybe 2 or 3 stars.

See all 27 customer reviews...

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Be the very first which are reading this **Tabletop Machining By Joe Martin** Based on some factors, reading this book will certainly supply more benefits. Even you need to read it detailed, web page by web page, you can finish it whenever as well as any place you have time. Once more, this on the internet book Tabletop Machining By Joe Martin will provide you easy of checking out time as well as activity. It also supplies the experience that is cost effective to get to as well as acquire significantly for better life.

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