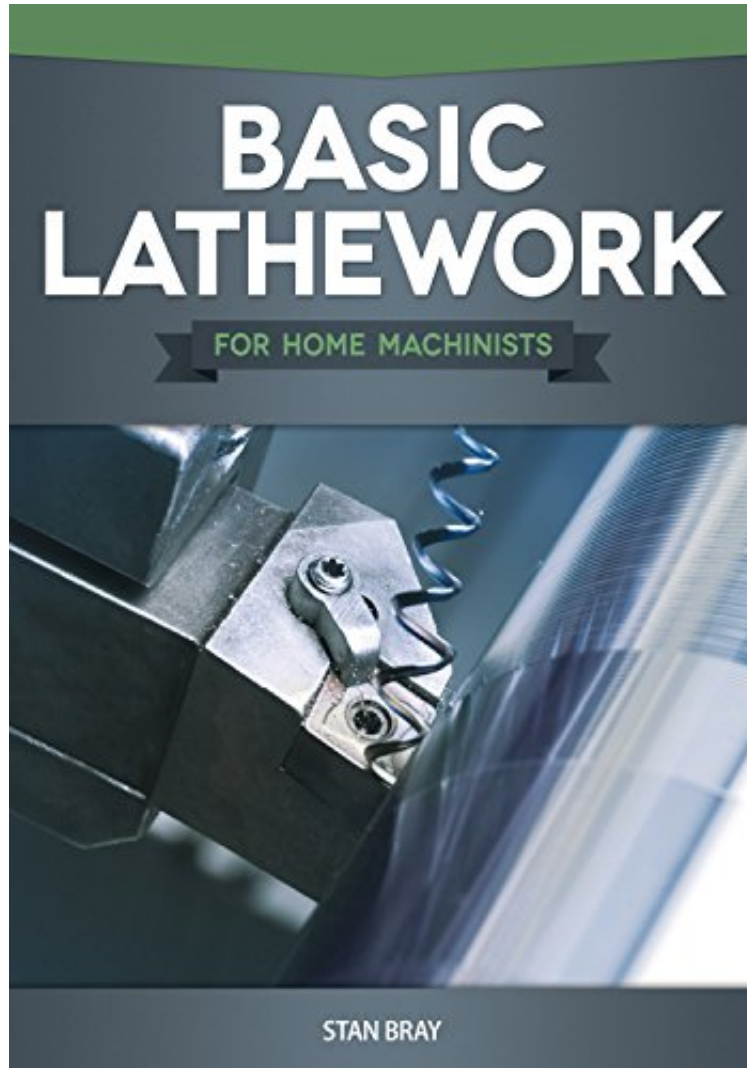


(Get free) Basic Lathework for Home Machinists

Basic Lathework for Home Machinists

Stan Bray

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Stan Bray : Basic Lathework for Home Machinists before purchasing it in order to gauge whether or not it would be worth my time, and all praised Basic Lathework for Home Machinists:

6 of 6 people found the following review helpful. One must wade through the text to gather any useful information. While the photos are fine By RomansRoad Less information than the comparable handbook from Starrett, verbose and precious little practical help. One must wade through the text to gather any useful information. While the photos are fine, I found it overall of minimal help. Would not recommend. 21 of 23 people found the following review helpful. Basic Lathework for Home Machinists by Stan Bray By CDP's Once again habit of purchasing I purchased this book to enhance my knowledge of working with a small lathe in my own shop sometime in the future. As the description of

this book states, it does deal with all aspects of the lathe. Almost overwhelming the novice learner in comprehending what one must know to learn the essentials to select their own machine, but although there are several models now to choose from, I feel it will most likely be how much you want to spend and whether or not you will indeed go out and buy a lathe for your home shop and actually start doing your own home lathework. Modelers and builders, and surely inventors, who want to make their own machined parts will benefit from owning and studying this book, as by studying it, is what you are going to have to do in the beginning to learn this craft. It does cover machine construction and goes even farther back into earlier models to explain why they are simpler and more basic than modern tools. The depth of the explanations concerning tooling will require additional information as lathework and modern lathes are covered in depth. Many of the actual machining operations are covered, including general machining, taper turning, threading and boring. Mr Bray explains the modern conversion of power supplies from single to three phase which for someone in a home environment will find tedious as three phase powered needs are few outside of industrial use of lathes and will require you to go to a large expense to provide this source of power. The use of digital equipment is explained to some degree and one will need to study their own machine's owners manual extensively to master this at home. I feel this book is limited for use by the beginner with no knowledge at all of lathe work, but will surely help along the path of learning something of lathe basics and any hands on work will be required to develop understanding in this field. For more advanced students of lathework Mr. Bray offers much knowledge for them to improve upon the skills they will need in the future and help them to improve.

2 of 2 people found the following review helpful. Good Entry Level Book
By BC
While written in the British version of English, this book was the basic introductory work that I needed. Its survey course nature helped me decide to purchase a lathe that my soon-to-be-delivered lathe will help me to accomplish some metal working projects that I've considered for years. I would've liked to proof read this book before it was published. Writing punctuation needs a little refining. Useful purchase, overall.

Perfect for any home machinist with a new lathe, this comprehensive guide is designed to expand your enjoyment of this versatile machine and take full advantage of its extensive capabilities. Profusely illustrated with hundreds of clear photographs and concise diagrams, it provides in-depth coverage of all aspects of tooling and machining operations.

From the Back Cover
Most home lathes are probably never used to their full potential. This comprehensive guide to lathework is designed to expand your enjoyment of this versatile machine and take full advantage of its extensive capabilities. Profusely illustrated with hundreds of clear photographs and concise diagrams, this essential handbook provides an in-depth introduction to modern lathes. Inside you'll find a thorough review of basic layout and components, plus the three things you need to consider when buying a new or used machine. Learn to select common cutting tools, and discover the key features of work-holding devices like chucks, tool posts, and faceplates. Basic Lathework covers all the most important rules and practices for safe general machining operations. Get handy advice on steadies, tool height, and setting up, plus expert tips on how to use cutting fluids and mandrels. Find out how to complete a parting off operation with confidence, and successfully accomplish threading, boring, taper turning, and many other tasks. " Basic Lathework is the perfect book for any home machinist with a new lathe. For such a broad subject, the author has effectively managed to cover all the need-to-know areas and this book is all that's required to take the mystery out of that new machine in your shop." -- George Bulliss, The Home Shop Machinist magazine
About the Author
Stan Bray has had his own workshop for most of his life and has made many tools, models and clocks. He is the founder and former editor of the magazine Model Engineers' Workshop, former editor of Engineering in Miniature. He is associate editor of Model Engineer where he has a regular column called "Bray's Bench".