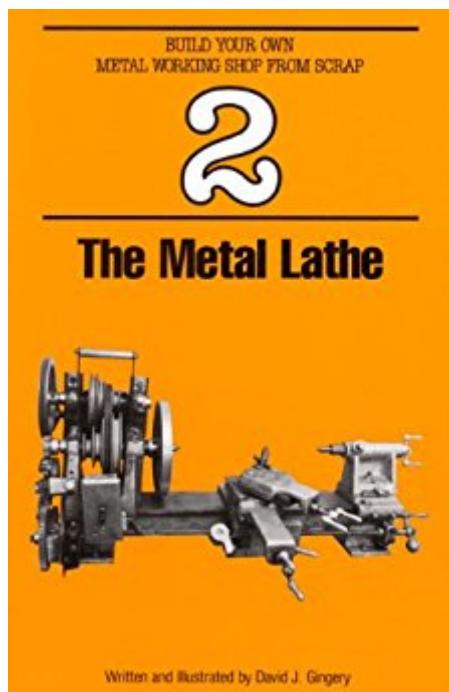


The book was found

The Metal Lathe (Build Your Own Metal Working Shop From Scrap Series Book 2)



Synopsis

Using castings from the charcoal foundry and simple hand methods you can build a sturdy and accurate bed for a metal lathe. Then additional castings, common hardware items and improvised equipment will add the headstock, tailstock, carriage and all the remaining parts to complete the lathe. Illustrated with photos and drawings to show you all you need to know about patterns, molding, casting and finishing the parts. The lathe specs. include a 7" swing over the bed and 12" between centers. Adjustable tailstock with set-over for taper turning. Adjustable gibbs in sliding members and adjustable sleeve bearings in the headstock. A truly practical machine capable of precision work. Once you have a foundry to cast the parts and a lathe to machine them you can tackle more exotic projects.

Book Information

File Size: 3946 KB

Print Length: 146 pages

Publisher: David J. Gingery Publishing, LLC (April 15, 2012)

Publication Date: April 15, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B007USU8HU

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #505,693 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #52 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Mechanical > Machinery #52 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Machinery #131 in Kindle Store > Kindle eBooks > Crafts, Hobbies & Home > Crafts & Hobbies > Metal Work

Customer Reviews

More than anything else, this book and its predecessor have taught me how raw metal becomes productive machinery. It's difficult to imagine a better education in machinery than building your own lathe, or at least thinking about it. I strongly recommend this book to aspiring or novice

machinists. However, this book is not without shortcomings, and I worry that other reviewers have not adequately guided reader expectations. This book does not introduce the lathe. It does not explain lathe terminology. It does not explain lathe accessories. It does not explain lathe operation. It does not explain ancillary tools and skills. It does not explain the properties of materials involved. The reader needs to have prior knowledge of these things. Furthermore, unless the reader is fortunate enough to live near one of the world's industrial centers, and down the street from a junkyard, the fabrication of a lathe may not be a cheap affair, as the author implies. In many cities or countries it is now difficult to obtain scrap metal, tools, and materials. The book jacket, and other reviewers of the book, suggest that the reader will require only basic hand tools to build the lathe. Unfortunately, what were once considered basic hand tools are becoming scarce. Machinist grade drill bits, taps, dies, reamers, and tapping fluid are neither widely available, nor inexpensive, in many parts of the world. Weak demand for these items has made them somewhat costly and rare, even in industrialized nations. While some of the required tools may be found in common hardware stores, the quality of tool may be so poor as to make the buyer wonder if he will have to make those, himself, too! Having been written in the U.S.

[Download to continue reading...](#)

The Metal Lathe (Build Your Own Metal Working Shop From Scrap Series Book 2) The Charcoal Foundry (Build Your Own Metal Working Shop from Scrap, Vol. 1) The Beginner's Guide to Gold and Silver Scrap: Basic Fundamentals for Buying Scrap Precious Metals How to Run a Lathe: The Care and Operation of a Screw Cutting Lathe How To Run A Lathe: For The Beginner: How To Erect, Care For And Operate A Screw Cutting Engine Lathe How to Plan, Contract, and Build Your Own Home, Fifth Edition: Green Edition (How to Plan, Contract & Build Your Own Home) International Harvester Shop Manual Series 300 300 Utility - Ih - 10 (I & T Shop Service) Homesteading for Beginners: Self-sufficiency guide, Grow your own food, Repair your own home, Raising Livestock and Generating your own Energy (Homesteading, ... Case Shop Manual C-37 (2090-2094-2290-2294-2390-2394-2590-2594) (I & T Shop Service) Ford Shop Manual Models3230 3430 3930 4630+ (I & T Shop Service Manuals) Ferguson Shop Manual: Models Te20, To20, To30 (I & T Shop Service) International Harvester Shop Manual (I & T Shop Service Manuals) Build Your Own Working Fiberoptic Infrared and Laser Space-Age Projects Nikola Tesla's Earthquake Machine: With Tesla's Original Patents Plus New Blueprints to Build Your Own Working Model Create Your Own Operating System: Build, deploy, and test your very own operating systems for the Internet of Things and other devices Retro Mama Scrap Happy Sewing: 18 Easy Sewing Projects for DIY Gifts and Toys from Fabric Remnants How to Build a Computer: Learn How to Build

Your Own Computer From Scratch. The Parts, Connecting Everything Together, Installation and more (PC, Windows, Gaming System, Media System, Linux) Start Your Own Corporation: Why the Rich Own Their Own Companies and Everyone Else Works for Them (Rich Dad Advisors) Build Your Own Telescope: Complete Plans for Five Telescopes You Can Build with Simple Hand Tools Screwcutting in the Lathe (Workshop Practice Series)

[Dmca](#)