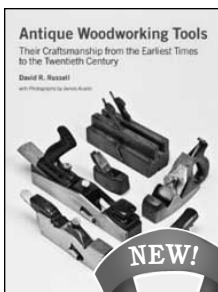


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Books On Early Tools, Trades And Technology

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Order Number: AP307 .....\$180.00

**Uniquely Interesting Items on page 63!**  
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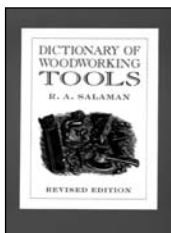


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## 2 Early Tools & Tool Collecting



### Dictionary of Woodworking Tools

R.A. Salaman

Since its first publication in 1975, R.A. Salaman's *Dictionary of Woodworking Tools* has come to be recognized as a pioneering reference work, one of unparalleled value to craftsmen, collectors, antique dealers and all who are interested in the subject of woodworking tools and their uses. His rich language describes and explains the tools, not only of the more obvious wood-working trades (such as the cabinetmaker, chairmaker, joiner, coach-builder, cooper, shipwright, plane maker, wheelwright and instrument maker) but of the less obvious trades as well, such as broom and brush makers,

tree feller, hoop maker, upholsterer, millwright, coffin maker and window maker. The present edition is a substantial enlargement of the original work, revised and updated by Philip Walker, himself an authoritative historian-collector of tools. *546 pages. Thousands of illustrations. 7 x 10. Soft cover. © 1997.*

Order Number: AP794 .....\$39.95

*"This is a massive and beautifully illustrated compendium which describes every hand tool used in the woodworking trades from the years 1700 to 1970."*—The New York Times

*"...a splendid dictionary. Mr. Salaman has devoted a lifetime's study to his subject."*—Times Literary Supplement



### Dictionary of Leather-Working Tools

c. 1700-1950 and the Tools of Allied Trades

R.A. Salaman

In this marvelous book, Salaman describes and illustrates every tool used in the leather-working trades in Great Britain from about 1700 until the present time, and explains its purpose – all told, he covers over 1,100 different tools. As Dr. Daniel Preston comments in his preface to this reprint, "There is not now, nor has there ever been, such a complete compendium of arcane, irreplaceable, and wonderful leatherania in the English language." Covered here are tools of the Bookbinder, Boat and Shoe Maker,

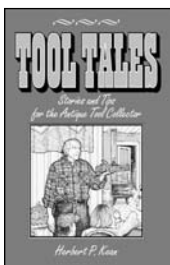
Driving Belt Maker, Furrier, Glove Maker, Handbag and Purse Maker, Harness Maker and Saddler, Hat Maker; and, among the miscellaneous trades, the Ball Maker, Coach Trimmer, Felt Maker, Last and Boot Tree Maker, Parchment and Vellum Maker, Taxidermist, and more besides. There are chapters on leather manufacture and on tools for the decoration of leather. With its great wealth of information and impeccable scholarship, this book is invaluable to leatherworkers, tool collectors, and industrial researchers alike. *400 pages. Completely illustrated. 7 x 10. Soft cover. © 1986.*

Order Number: AP727 .....\$37.50

*"Collectors – the information you need is once again at hand! Here is the rich language of tool names, demanding not to be forgotten."*—The Chronicle

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### Tool Tales

Herbert P. Kean

Author Herb Kean, a noted tool collector, dealer, restorer and author (as well as renowned raconteur), has culled from magazines, journals, newspapers and encyclopedias 50 of his best stories and "tips" columns, written over the course of his long career. These stories range from whimsical tales of trips taken in search of old tools to more technical pieces detailing the "how-to's" of solving many a knotty tool-related problem. Full of valuable information to help the reader in buying, selling and restoring antique tools, they are also full of wit and good, old-fashioned fun. *200 pages. 6 x 9. Illustrated with line drawings and cartoons. Soft cover. © 2002.*

Order Number: AP057 .....\$17.95 Now \$14.95

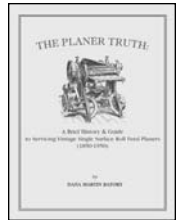
## The Planer Truth

### A Brief History & Guide to Servicing Vintage Single Surface Roll Feed Planers (1850-1950)

Dana Martin Batory

This book can answer all your questions about antique wood planers. Batory gives a brief history of the machine since its invention in 1828 and then carefully describes the complete planer system from infeed to outfeed and everything in-between. Learn how to adjust and fine-tune each of its separate elements: table adjustment, chipbreaker adjustment, pressure bar adjustment, knife setting, and more. It's all here and profusely illustrated.

There are also chapters on troubleshooting, practical information, and helpful hints. From required horsepower and halted feeding to snipes and torn grain, everything is covered. The book's detailed illustrations have been collected from the author's extensive library of period catalogs, manuals, and photographs. *160 pages. 8-1/2 x 11. Soft cover. © 2009.*



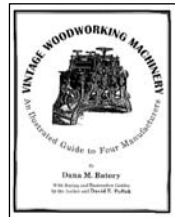
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## Vintage Woodworking Machinery

### An Illustrated Guide to Four Manufacturers

Dana M. Batory

Here, for the first time, is a guide to four of the major woodworking machinery manufacturers: Fay & Egan, Yates-American, Defiance, and Oliver. Leaders in their field throughout the world, their products were used in all walks of life from lumber mills to furniture factories, from schools to arsenals, from shipyards to bakeries. The author's extensive original research has provided us with a history of each manufacturer, as well as a description of the evolution of its product lines over the years. Accompanying these fascinating histories are numerous beautiful illustrations reflecting each company's range of products, along with specifications and descriptions, taken from the catalogs of the period. In addition, the book provides invaluable information to collectors and users on buying and restoring old machines. *145 pages. Fully illustrated. 8-1/2 x 11. Soft cover. © 1997.*



Order Number: AP751 .....~~\$21.95~~ Now \$18.95

*"This book is destined to become a standard reference for anyone who might want to buy vintage woodworking machinery."* – Fine Woodworking

## Vintage Woodworking Machinery

### Volume Two

Dana M. Batory

Covered in this volume are Parks Machine Co., the Boice-Crane Co., Baxter D. Whitney & Son, and Crescent Machine Co. All these manufacturers built a full line of woodworking machines, but most became especially known for a particular group, e.g., Boice-Crane produced medium size and capacity machines that were ideal for home shops, school shops and small business woodworkers; Whitney was famous for its thickness planers and spindle shapers, as well as for a large collection of cooperage machines; and Crescent won renown for its bandsaws and table saws, and for its Universal Wood-Worker, a combination machine. As in his first volume, the author provides a history of each manufacturer, as well as a description of the evolution of its product lines over the years. Accompanying the histories are many illustrations taken from the catalogs of the period. *208 pages. Fully illustrated. 8-1/2 x 11. Soft cover. © 2004.*



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## 4 Early Tools & Tool Collecting



### The Stanley Little Big Book A Comprehensive Pocket Price Guide for Planes Clarence Blanchard

A complete guide to Stanley plane values with type information that can help identify many of the more valuable types. A three-category pricing system gives a range of values that reflects the importance of condition when pricing Stanley planes—all in a small book that fits in your pocket and will be there when you need it. Information is up to date and based on recent sales. Plus, you get the benefit of Clarence Blanchard's 30 years of experience in the antique tool world. *230 pages. Fully illustrated with B&W photos. 3-1/2 x 4-1/2. Soft cover. © 2006.*

Order Number: VAP183 .....\$14.99



### The Stanley Little Big Book A Comprehensive Pocket Price Guide for Rules, Levels & Other Stanley Tools Clarence Blanchard

The complete guide to Stanley tool values with type information that can help identify many of the more valuable types. The information is up-to-date and reflects the current trends in collecting. A three-category pricing system gives a range of values and reflects the importance of condition when pricing Stanley tools—all in a book small enough to fit in your pocket. *290 pages. Fully illustrated with color photos. 3-3/4 x 4-3/4. Soft cover. © 2007.*

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### A Source Book for Rule Collectors Philip E. Stanley

In *A Source Book for Rule Collectors* and its companion *A Rule Concordance and Value Guide*, Philip Stanley has crafted a masterfully comprehensive, beautifully illustrated reference guide to measuring instruments covering their history, use, and value. *A Source Book for Rule Collectors* includes: •Selected reprints of the best articles of the last 100 years •An extensive discussion of the materials, construction, graduations and uses of rules •A thorough cataloging of rule accessories offered over the years •A detailed table of the European measures used before the metric system •A complete bibliography. The *Concordance and Value Guide* contributes: •Complete information identifying and comparing all rules made by all major American makers •Estimates for each rule's value as a function of condition and maker •A discussion of the factors affecting rule value, including condition, selling environment and charisma. These books are an essential reference set. *361 total pages. 8-1/2 x 11 and 6 x 9. Soft cover. Fully illustrated. © 2004.*

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### Fifty Years a Planemaker and User Cecil E. Pierce

Meet Cecil Pierce, author of a delightful, chatty and yet technically detailed book on planemaking. He tells the reader how he makes the plane, using hand tools (and sometimes a microwave) and how he makes and sharpens the irons. And all the while he keeps the reader interested and amused. Illustrated throughout in both color and black & white. *66 pages. 8-3/4 x 11-1/4. Soft cover. © 1992.*

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## American Marking Gages

### Patented and Manufactured

Milton H Bacheller Jr.

This book offers the most comprehensive collection of information known about marking gages. Included are detailed sections on: patented gages, manufactured gages, and unidentified gages. There are also patent diagrams, gage patent listings, and a reference list, including approximately 350 patents and many of their patent drawings. A 16-page color photograph section offers high-quality images of 35 unique manufactured gages along with detailed captions. Hundreds of photos, line drawings, vintage advertisements, and illustrations pack this visual reference guide with valuable information, much of which has not been previously published. *446 pages. 9 x 11-1/4. Sewn-cloth & jacketed hard cover. © 2000.*

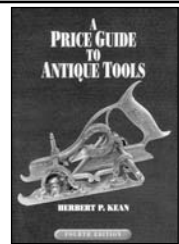


Order Number: AP-AMG .....\$49.95

## A Price Guide to Antique Tools, 4E

Herbert P. Kean

This fourth edition of has its prices taken from live and internet auctions as well as from private sales. As with earlier editions, there are over 12,000 prices (individual and chart combinations) that represent extraordinary tools, as well as those found in flea markets. There is an explanation for each tool group that allows the reader to judge the condition of a tool, the most critical of all factors when determining price. The chapter on American wooden planes covers over 400 makers, each graded with a single value number, a system that is at the same time simple and comprehensive. To help even more, almost every tool is illustrated with a photograph or line drawing. The section on internet prices explains the mechanisms of electronic auctions and gives tips for successful bidding. It puts at your fingertips the knowledge and expertise of noted tool collector and dealer Herb Kean, both in determining prices and in evaluating condition. *160 pages. 7 x 10. Fully illustrated. Soft cover. © 2005.*

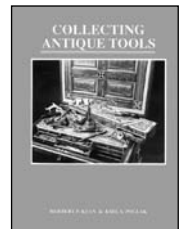


Order Number: AP219 .....\$17.95

## Collecting Antique Tools

Herbert P. Kean and Emil S. Pollak

This comprehensive guide describes and illustrates over 700 of the most important antique tools, from wooden and metal planes, braces and measuring devices to axes, saws, and wrenches. The book includes over 250 outstanding black and white photographs of tools, common and rare, plus many line drawings that show these tools in use. Also covered are many of the practical aspects of tool collecting, such as where to find antique tools, how to buy and sell them, valuable tips on cleaning, restoring and displaying them, books to read, clubs and organizations to join, common and not-so-common pitfalls to avoid, and materials used in tools. *203 pages. 8-1/2 x 11. Soft cover. © 1990.*



Order Number: AP853 .....\$29.95

*"This is a quality work. Tool collectors of every level will no doubt spend much time with this book."*—Antique Week

*"Astragal Press has given tool collectors another must book."*—The Tool Group of Canada Journal

*"A wealth of historical information on tools."*—Woodshop News

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## 6 Early Tools & Tool Collecting



### The Rule Book Measuring For the Trades

Jane Rees and Mark Rees

This book focuses on the measuring tools used by tradesmen and professionals in their everyday work, on the trades in which specific tools were used and how these tools were made and by whom. The intention is that the information contained here will be of use to collectors and researchers by explaining how the measuring devices were used and by placing them in a trade and social context. No book of this size could hope to describe in detail every type of measuring device so it is those measuring items likely to be found and collected today that have been included. Some are

included because they are regularly encountered; others because they reflect important historical trends or developments. Special features include illustrated appendixes, a checklist of rule makers and dealers, a full index, and separate index of names. 476 pages. 8-1/2 x 12-1/4. Sewn-cloth & jacketed-hard cover. © 2010.

Order Number: AP6262 .....\$97.50

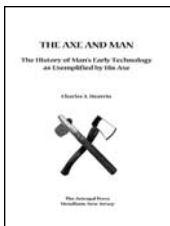


### Tools A Guide for Collectors, 2E

Jane & Mark Rees

This second edition of the Rees' book provides descriptions, illustrations and interesting information (much hitherto unpublished) on 80 categories of English tools. The tools are meticulously described and include prices (in English pounds). Includes collecting tips, toolmaker information, patents and registered designs, and more. 256 pages. 8-1/2 x 11-3/4. Hundreds of illustrations. Soft cover. © 1999.

Order Number: AP812X.....\$30.00



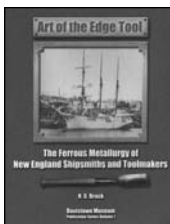
### The Axe and Man

Charles A. Heavrin

A wonderful book that covers the vast range of axes from the early stone hand-axes of the paleolithic period through the production of steel axes made possible by the Industrial Revolution. Included are discussions of all axe types from celts to hand axes, tomahawks to hatchets, pebble tools to broad axes, plus a chapter on special axes. The author, one of the world's leading experts on the subject, gives detailed descriptions of the axes, how they were made and the materials used, and the evolution of their design over time. 182 pages. 8-1/2 x 11. Over 100 B&W photos. Hard cover. © 1998.

Order Number: AP891 .....\$25.00

"...fascinating reading and shows the axe in a living, historical light."—Fine Tool Journal



### Art of the Edge Tool The Ferrous Metallurgy of New England Shipsmiths and Toolmakers

H.G. Brack

This edition spans 280 years of shipbuilding history, charting both the evolution of steelmaking between 1607 and 1882 and the growth of the economy that relied on it in times of revolution, war and peace. "Only written, painted or etched accounts tell of the existence of these ships prior to the introduction of the camera," Brack relates "The tools themselves are important additional primary sources of information about our colonial maritime history." Brack

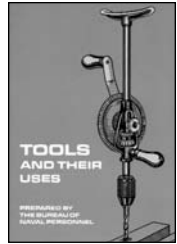
explores the use of felling axes, augers, drawshaves and mortising gouges, and the ways these then-cutting edge devices were used, providing evidence of our earliest, and most ambitious, pursuit of maritime technology. 226 pages. 8 x 10. Soft cover. © 2008.

Order Number: VAP906 ..... \$22.00

**Tools and Their Uses**

Prepared by The Bureau Of Naval Personnel

This manual, originally prepared for the use of naval personnel, was designed to present the basic hand and power tools that the ordinary person is likely to use. Through a wealth of diagrams, clear explanations, safety tips and operating instructions you will soon learn the basics of choosing and using them as they were meant to be used. Teaches names, general uses and correct operation of all basic hand and power tools, fasteners and measuring devices you are likely to need. Also, grinding, metal cutting, soldering and more. 192 pages. 6-1/2 x 9-1/8. Over 329 illustrations. Soft cover. © 1973.



Order Number: VAP265.....\$12.95

**Registry of Maine Toolmakers, 5E**

Edited by H.G. Brack, Davistown Museum

The Registry of Maine Toolmakers is an ongoing documentation of the toolmakers of Maine's maritime era, 1607 to 1900. Its focus is the edge toolmakers and planemakers who supplied the tools for Maine's ship carpenters and timber harvesters, including blacksmiths who specialized in toolmaking. The registry also includes listings of known toolmakers for other trades, including coopers, carriagemakers, cobblers and farmers. Registry entries contain the name of the craftsman, the town where he worked, the time period during which he was active and, where available, birth and death dates. Additional information about any particular craftsman is contained in a Remarks entry. The registry is preceded by a short section on the history of toolmaking and ship building in Maine. 271 pages. 8-1/2 x 11. Soft cover. Illustrated. © 2008.



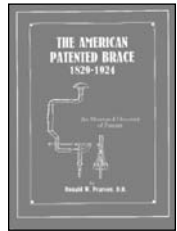
Order Number: VAP172 .....\$22.00

**The American Patented Brace 1829-1924**

An Illustrated Directory of Patents

Ronald W. Pearson, D.O.

This is a vastly expanded successor to Dr. Pearson's earlier *Guide to American Brace Patents 1829-1910*. Not only are many newly discovered patents included, but these are now cross-indexed and illustrated and, for the first time, the author provides an indication of their rarity. Over 500 brace patents are listed alphabetically by patentee name and chronologically by date and patent number. There is a third index that lists patents by type of brace in four major categories: brace ratchet patents, corner brace patents, brace wrench patents, and brace combination tool patents. 192 pages. Fully illustrated. 8-1/2 x 11. Soft cover. © 1994.



Order Number: AP484 .....~~\$22.05~~ Now \$18.95

**Paul Kebabian**

**Writings on Tools and Toolmakers**

The Early American Industry Association

Forward by Ten Ingraham

One of the most important parts of a serious tool collector's collection is the written material used to research and learn about the artifacts they accumulate. In 2003, for the Annual Meeting of the Early American Industries Association, 14 articles by Paul Kebabian on a variety of tools, toolmakers and early trades were published as this collection. Kebabian, a librarian by vocation, has had many of his writings on tools and toolmakers appear in newsletters and journals such as ACTIVE, Scrapbooks, and The Chronicle. 32 pages. 8.5 x 11. Soft cover. © 2002.



Order Number: AP6286 .....\$7.95

## 8 Early Tools & Tool Collecting



### Restoring Antique Tools

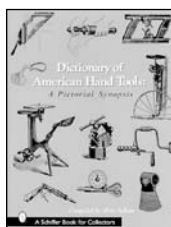
Herbert P. Kean

Here is the book that finally unlocks the secrets that professional restorers have been using for years. It explains critical (and previously closely-held) restoration techniques in a way that even the most uninitiated can understand and follow. There are chapters covering boring and edge tools, planes (wood, wood-bottomed, and metal), measuring tools, saws and other miscellaneous tools, as well as a general chapter on cleaning and refinishing. The author explains how to make a bow for a bow drill, how to make wedges for planes, how to replace vials in levels, and literally hundreds of other such invaluable instructions. 114 pages. Illustrated w/line drawings by the author. 6 x 9. Soft cover. © 2001.

Order Number: AP980 .....\$19.95

"...[covers] stuff that only the top restorers know how to do."—The Chronicle

"Fantastic is the only way to describe [this] book. ...simply a must for libraries of all tool collectors."—The Tool Table



### Dictionary of American Hand Tools

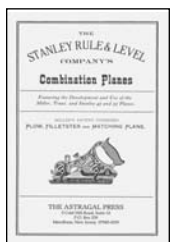
#### A Pictorial Synopsis

Compiled by Alvin Sellens

Here is a fascinating chronicle of nearly every tool ever used in North America, including ancient tools used by Native Americans; trade tools used to create coaches, pianos, ships, and saddles; tools for harvesting farm goods, turpentine, and ice; and tools for fine trades such as bookbinding and watch repair. The tools are organized according to profession and will fascinate today's practitioners of these trades and hobbies. This comprehensive volume includes more than 4,500 images from catalog illustrations

and trade literature, as well as hand drawings. Descriptions provide dimensions and applications. A must have for the tool collector, dealer or researcher, plus any practitioner of the early trades. 546 pages. 8-1/2 x 11. Profusely illustrated in B&W. Hard cover. © 2002.

Order Number: VAP132 .....\$39.95



### The Stanley Combination Plane

Invaluable for anyone who owns or uses a Stanley 45 or 55 combination plane. This special compilation covers the development of all major types of Stanley combination planes: the Miller, the Traut, as well as the Stanley 45 and 55. Not only are the planes and their evolution described and fully illustrated, but their patent information is included and, in the case of the 45 and 55, so are copies of the original instruction booklets. 80 pages. Fully illustrated. 5-1/2 x 8-1/2. Soft cover. © 1984.

Order Number: AP837 .....\$10.00



### Hand Planes in the Modern Shop

Kerry Pierce

Plane users, craftsmen who would like to become plane users, and plane collectors all will find a wealth of how-to information, backed with more than 500 images in this definitive guide to hand planes. In addition to covering nearly ten types of planes, this book also divulges some shop secrets to making your own plane, restoring antique planes, and troubleshooting your planes. 192 pages. 8-1/2 x 11. Hard cover. © 2011.

Order Number: VAP299 .....\$39.99

NEW!

## Wooden Plow Planes

### A Celebration of the Planemakers' Art

Don Rosebrook & Dennis Fisher

This book paints a visual panorama of almost 275 years of plane making. Approximately 200 beautifully photographed plow planes, along with full descriptions, illuminate the extraordinarily high level of craftsmanship involved in the planes' fabrication. Numerous one-of-a-kind examples are also highlighted and displayed. Super detail pictures show the characteristic features of specific makers. It features, among other things: • Galleries of nuts and shoulder moldings for identification purposes; • Special sections on the Greenfield Tool Company, the Ohio Tool Company and planemaking at the New York Auburn Prison; • A special section on a modern planemaker and his work; • Many interesting examples of craftsman-made planes; • And much more. For those interested in tool collecting and restoration. This visual tour through a slice of American history will provide both invaluable information and immense satisfaction. 322 pages. 8-1/2 x 11. Full color illustrations. Hard cover. © 2003.



Order Number: AP111 .....\$75.00 Now \$65.00

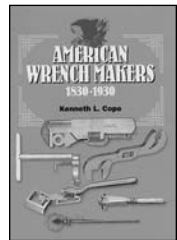
*"Better than seeing fireworks on the Fourth of July! Page after page of beautiful plow planes show the artistry and innovation of early planemakers"-. -The Gristmill*

## American Wrench Makers 1830-1930, 2E

### Revised

Kenneth L. Cope

In this revision, Ken Cope covers an **additional 20 years** of wrench-making and adds almost **200 new entries** to his identification and description of wrench makers. In addition, he has made **additions to 60 of his existing entries**. Each listing shows the maker's location, history, period of operation and known products, with profuse illustrations taken primarily from catalogs of the period. There is a Wrench Identification section that cross-references patent dates and trade names (frequently the only marking on a wrench) to the actual maker. This volume provides an extremely comprehensive and valuable historical directory to this fascinating tool and its underlying technology. 352 pages. 7 x 10. Profusely illustrated. Soft cover. © 2002.



Order Number: AP065 .....\$27.95 Now \$24.95

*"This book will be a big help to collectors in identifying the maker and the period in which the wrench was manufactured" - The Gristmill*

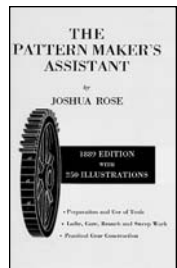
## The Pattern Maker's Assistant, 6E

Embracing Lathe Work, Branch Work, Core Work, Sweep Work; and Practical Gear Construction; and the Preparation and Use of Tools

(Reprinted from the 1889 edition)

Joshua Rose, M.E.

This book is as useful today as it was over 100 years ago. It was written then to give machinists practical instruction on how to design and construct patterns; in doing so it describes the actual pattern shop practice of the late 19th century, using the terms and methods of that period. Joshua Rose explains the various types of patterns, how they are constructed, and the tools that are used. This is a reprint of the sixth edition, which gives some indication of the popularity of the book among late 19th century practitioners. 248 pages. Fully illustrated. 6 x 9. Soft cover. © 1995.



Order Number: AP59X .....\$19.95 Now \$14.95

# 10 Early Tools & Tool Collecting



## A Guide To The Makers of **American Wooden Planes, 4E**

Emil and Martyl Pollak  
Rev. and Expanded by Thomas L. Elliott

With its initial publication in 1983, *A Guide to the Makers of American Wooden Planes* profoundly transformed the emphasis and direction of tool collecting. This fourth edition of an extraordinarily influential reference book, completely revised by Tom Elliott, reflects the tremendous amount of information on planemakers that has come to light since the third edition. Included are: • over 4000 biographical entries • over 5000

imprints • almost 2700 wedge outlines • almost 3000 individual ratings for judging relative scarcity and value. Also included are a section providing insights helpful in buying and selling planes, an illustrated glossary of plane terms and styles, and an extensive bibliography for further help in research. 480 pages. 8-1/2 x 11. Soft cover. © 2001.

Order Number: AP006 .....~~\$39.95~~ Now **\$32.00**

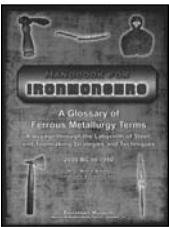


## **American Foot Power & Hand Power Machinery**

Kenneth L. Cope

In the unmistakable Ken Cope style, here is a profusely illustrated guide to every documented U.S. manufacturer of hand or foot treadle operated machinery. Also included is an index of commentary, which includes information about recent selling prices, tips on buying, etc. from an expert panel of prominent collectors of such machinery. Another valuable addition to the tool collector's library. 135 pages. 8-1/2 x 11. Soft cover. © 2001.

Order Number: VAP105.....**\$24.95**



## **Handbook for Ironmongers**

### **A Glossary of Ferrous Metallurgy Terms**

H.G. Brack, Linda Dartt

This book defines hundreds of items of interest to blacksmiths, historians, and anyone seeking knowledge of steel- and toolmaking and its history. Topics range from ancient metallurgical techniques to later developments in iron and steel production in America and modern machines and the biomass-derived consumer products and toxic waste that they produce. While it stands alone as an important resource, the Glossary is also an invaluable

component of the Davistown Museum Tools in History series, which surveys the history of steel- and toolmaking and relates it to New England shipsmiths and edge toolmakers. 208 pages. 8 x 10. Soft cover. © 2008.

Order Number: VAP907.....**\$22.00**



## **A.H. Shipman Bracket Saw - 1881 Catalog**

The Early American Industry Association,  
Forward by Frank Kosmerl

The Amateur Mechanics Manual and Catalogue of Scroll Saws and Lathes is the actual title of this enlightening little catalog. Not only is this catalog filled with detailed information about the Shipman Products, but it is loaded with instructions, tips, and how-to-dos that every wood turner, carver and woodworker will find useful. Includes tips for Fret sawing in metals, shell, pearl and ivory to the original sales detail on the Prize Holly Scroll Saw. Reprinted in 2002 in conjunction with the Annual Meeting of the Early American Industries Association. 32 pages. 9 x 7. Soft cover. © 2002.

Order Number: AP6279 .....**\$6.95**

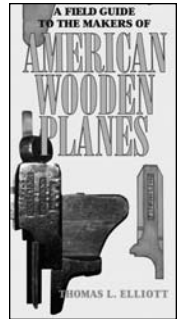


**A Field Guide to the Makers of American Wooden Planes**  
 Thomas L. Elliott

Initially published in 1983, *A Guide to the Makers of American Wooden Planes* profoundly transformed the emphasis and direction of tool collecting. Included are: • over 5000 imprints • over 4000 biographical entries • almost 3000 individual ratings for judging relative scarcity and value. Although showcased in a convenient size, all impressions are shown at their original sizes; nothing has been scaled down except for the size of this high-quality, guide. 288 pages. 4 x 11. Soft cover. © 2003.

Order Number: AP146.....\$24.95 Now \$19.95

*"All the benefits of the original and made to fit in your pocket!"*—Workbench  
*"A comprehensive, handy reference book."*—Shavings

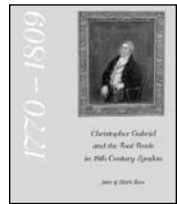


**Christopher Gabriel and the Tool Trade in 18th Century London**  
 Jane and Mark Rees

"The book" of Christopher Gabriel, planemaker and tool seller in London from 1770 until 1809, has fortuitously survived to give those interested in tools and trades a unique insight into a family business in late 18th century London. From this and other sources it has been possible to draw a picture of a small but developing business in an uncommon trade—planemaker and tool seller—and to trace Gabriel's connections with other toolmakers of the time, both in London and elsewhere. Perhaps the most valuable parts of the Gabriel legacy are the two inventories of his stock that have survived. These inventories are reproduced in full in the book. 92 pages. Illustrated with B&W photos and engravings. 8-1/4 x 10-1/2. Soft cover. © 1997.

Order Number: AP8111 .....\$20.00

*"An extremely fine publication...of use to those interested in any aspect of tools in the 18th century."*  
 —The Chronicle



**Woodworker's Guide to Handplanes**  
 Scott Wynn

This guide teaches the woodworker how to discern the difference between each style of plane, how to select one that's best for their approach to woodworking, how to setup and maintain each of the planes, and lastly, how to make a variety of handplanes. The author analyzes the six core anatomical elements common to all planes, then shows how these elements work. He also evaluates the styles of woodworking planes from various cultures, including Japanese and Chinese planes.. 256 pages. 8.5 x 11. 200 photographs and illustrations Soft cover. ©2010.

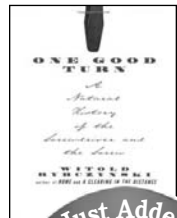
Order Number: VAP303 .....\$35.00



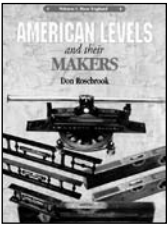
**One Good Turn  
 A Natural History of the Screwdriver and the Screw**  
 Witold Rybczynski

*One Good Turn* is a story starring Archimedes, who invented the water screw and introduced the helix, and Leonardo, who sketched a machine for carving wood screws. It is a story of mechanical discovery and genius that takes readers from ancient Greece to car design in the age of American industry. Rybczynski writes an ode to the screw, without which there would be no telescope, no microscope -- in short, no enlightenment science. One of our finest cultural and architectural historians, Rybczynski renders a graceful, original, and engaging portrait of the tool that changed the course of civilization. 176 pages. 5 x 7.5. Soft cover. © 2001.

Order Number: VAP306.....\$14.00



## 12 Early Tools & Tool Collecting



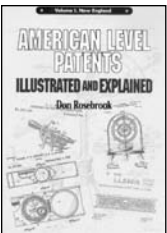
### **American Levels and Their Makers Volume I** Don Rosebrook

Don Rosebrook's meticulous research covers over 80 companies and individuals that made and/or sold levels in New England, starting with the earliest known level maker in 1743. For each maker, Rosebrook provides historical background and a full discussion of the maker's product lines, accompanied by hundreds of photographs of sample levels (many in color) and, where possible, an indication of the level's rarity. Also included are an extensive section on the Stanley Rule & Level Co., many broadsides, instruction sheets, other advertisements, and much more. The levels photographed for this volume come from collections all over the United States. 297 pages. 8-1/2 x 11. Over 500 illustrations; 84 in color. Hard cover. © 1999.

Order Number: AP905.....\$65.00 Now **\$48.75**

*"...a masterful effort."* –The Chronicle

*"Even if you have to sell a level to buy this book, you won't be disappointed."* –The Tool Shed



### **American Level Patents Illustrated and Explained, Volume I** Don Rosebrook

In this companion to *American Levels and Their Makers, Vol. I*, the author presents that great rarity—a book on patents that both illustrates the patents (in a size large enough to be useful) and explains them. Two hundred and ten level patents are pictured and explained here, with explanations keyed to the patent drawings. To aid in identification, each patent is triply indexed: by date, patentee, and category (e.g., inclinometer, sighting level, adjustment mechanism, etc.). In addition, the book provides a brief history

of the men who obtained the patents, information on whether, when, and how the patents were used, the progression of "improvements" in patent concepts over time, and information that may be useful in identifying mystery levels. 256 pages. 7 x 10. Fully illustrated. Soft cover. © 2000.

Order Number: AP921.....~~\$24.95~~ Now **\$18.95**

*"...good research, good reading, good information."* –The Gristmill

*"This volume is a must for anyone interested in levels."* –The Workbench



### **Planemakers of Western Pennsylvania and Environs**

Charles W. Prine, Jr.

This informative, thoroughly researched book, provides new insights into the lives of early 19th century planemakers in Pittsburgh and the surrounding area. The author has also uncovered new information, not previously published in books, about planemakers in Baltimore, MD, and Cincinnati, OH, and the first recorded Canadian planemaker who came from England by way of Pittsburgh. Included are brief histories of all the

Pittsburgh hardware firms that imprinted their marks on the planes they sold. With 80 outstanding full-color and black and white photos of planes, as well as numerous copies of newspaper and directory ads, estate inventories, apprenticeship papers, and patent drawings, this book sets a new standard for research and writing about regional planemakers. 118 pages. 8-1/2 x 11. Fully illustrated. Soft cover. © 2000.

Order Number: AP-PWP .....\$19.95

*"Beautifully done, with superb photography, it intrigues not only the avid plane collector, but almost anyone interested in the history of our country."* – The Tool Shed

**British Planemakers From 1700, 2E**

W. L. Goodman

This edition contains a check list of makers and dealers including 880 makers and a large list plane-iron makers. The text is firmly based on primary sources: poll books, parish registers, Inland Revenue records, marriage allegations and insurance policies. The uses of different planes are discussed as are the shapes (length, wedges, profile and chamfers). *182 pages. 7 x 10. 26 b&w plates and 64 large drawings of profiles. Jacketed, Hard cover. © 1978.*

Order Number: VAP231 .....\$29.95



**Henry Disston & Sons Handbook For Lumbermen**

For over 100 years Henry Disston & Sons was America's leading sawmaker. Among its most important products were the band, and circular and cross-cut saws used throughout the lumber industry. *The Disston Handbook for Lumbermen* describes and illustrates these products in great detail and, most importantly, explains how they were used, maintained, and installed. It became the bible of the industry. In this reprint of the 1902 edition are sections on filing and setting of teeth, tensioning, fitting, and aligning, supplemented with illustrations, diagrams and charts that provide a complete coverage of the subject. *168 pages. Fully illustrated. 6 x 9. Soft cover. © 1994.*

Order Number: AP45X .....\$19.95



**The Tools That Built America**

Alex W. Bealer

This unabridged reprint of the 1976 edition brings back to print a book that will delight craftsmen of all levels of expertise. *The Tools That Built America* tells the story of woodworking in colonial America, concentrating on the tools used to build log cabins and houses, furniture and cabinets. The tools depicted include axes, carpenters saws, planes, hammers, chisels, bevels, lathes and calipers. This is a must read for antique tool enthusiasts or anyone fascinated by the ingenuity of early American carpenters and woodworkers. *212 pages. 6 x 9. Over 200 B&W drawings and photographs. Soft cover. © 2004.*

Order Number: VAP189 .....\$13.95

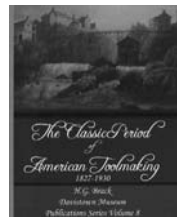


**The Classic Period of American Toolmaking 1827-1930**

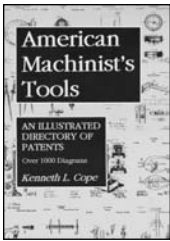
H.G Brack

This in-depth guidebook will prove to be invaluable guidebook for toolmaking enthusiasts and tool collectors. The first approximately 100 pages offer the authors narrative and an overview of this period in toolmaking. The next approximately 300 pages include valuable appendixes. Appendix A presents the time line and definitions to help clarify the transition from ancient steel- and toolmaking strategies and techniques. Appendix B provides definitions of the various types of iron and steel. Appendix C is a massive listing of 18th and 19th century American toolmaker companies including tool types, marks, unique attributes, and links for additional information. Appendix D lists unidentified toolmakers in the Davistown Museum Collection. The complete, categorized bibliography and extensive index make this book manageable and useable. *382 pages. B&W illustrations throughout. 8 x 10. Soft cover. © 2009.*

Order Number: VAP264 .....\$24.99



**KEN COPE BOOKS ON MACHINISTS' TOOLS**

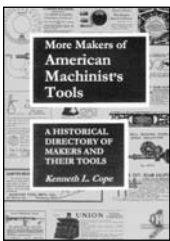


**American Machinist's Tools**  
**An Illustrated Directory of Patents**  
 Kenneth L. Cope

A valuable directory illustrating and listing over 1000 fully-indexed patents, it covers all American machinist's tools patented through 1905 and the more important ones patented between 1906 and 1916. Each patent is represented by at least one illustration, and each is indexed in three separate ways: alphabetically by patentee name, chronologically by date and patent number, and by type of tool. Required for anyone interested in American machinist's tools. *424 pages. Over 1000 illustrations. 7 x 10. Soft cover. © 1993.*

Order Number: AP409.....~~\$29.95~~ **Now \$21.95**

*"This is an extremely useful book, long overdue and not likely to be soon supplanted. It is invaluable to the collector and dealer."*—Tools & Technology

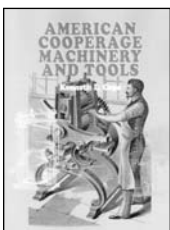


**More Makers of American Machinist's Tools**  
 Kenneth L. Cope

Here is the much-anticipated sequel to the author's *Makers of American Machinist's Tools* and *American Machinist's Tools: An Illustrated Directory of Patents*, pioneering works on machinist's tools and their makers. These books together provide the most comprehensive historical directory ever of the machinist tool industry and its technology. This volume covers hundreds of additional makers. There is also new material on the "Big Five" makers, with several of their previously unknown tools. The research and illustrations in this, and Cope's earlier volumes, provide a truly unique and incomparable reference source for collectors, dealers and researchers. *165 pages. Hundreds of illustrations. 7 x 10. Soft cover. © 1998.*

Order Number: AP832.....~~\$19.95~~ **Now \$15.95**

*"Some of the best reference material on the market...this is a book any serious tool collector should own."*—Antique Week



**American Cooperage Machinery and Tools**  
 Kenneth L. Cope

Through the second half of the 19th century and into the 20th, barrel makers followed the same path taken by many other woodworkers . . . they moved from hand tools to the large, efficient new machines that were the products of the Industrial Revolution. They built factories to house the machines and turned out thousands of barrels, kegs, and similar containers a day. Kenneth Cope's book, in the pattern of his previous books on the American machine tool industry, provides more than 530 illustrations of these cooperage tools, taken from original catalogs and contemporary periodicals. Along with the illustrations is a brief history of the individual maker, chronicling the various machines that each made. Included are reproductions of four catalogs: E. & B. Holmes 1891 catalog and ca. 1910 or 1915 Q catalog, L. & I.J. White 1912 catalog, and the D.R. Barton 1905 catalog. An illustrated glossary of terms used and an appendix giving a brief look at the English and French cooperage industries in the corresponding period are also provided. *213 pages. 8-1/2 x 11. Profusely illustrated. Soft cover. © 2003.*

Order Number: AP09X.....~~\$26.00~~ **Now \$22.95**

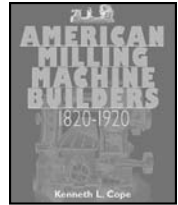
*"More than 500 illustrations completed with interesting stories about the barrel-making industry."*—The Gristmill

*"A worthy successor to Cope's earlier works. This new offering belongs in the libraries of collectors, historians and even social scientists."*—Pantingram

**American Milling Machine Builders 1820-1920**

Kenneth L. Cope

Continuing the pattern set by *American Lathe Builders* and *American Planer, Shaper and Slotter Builders*, this is the first book to identify American builders of milling machines and the products they invented circa 1818 to the development of the “modern” milling machine circa 1920. Early versions of other American machine tools were largely copied from European, especially British, machines. The milling machine, however, was an American development. Built first for the firearms and sewing machine industries, it proved to be much more productive than other methods, and soon held a major place in all high-production American machine shops. The book lists more than 300 makers and contains over 1,400 illustrations taken from original catalogs and contemporary periodicals. Attachments such as dividing heads, vises, etc., are also covered. 200 pages. 8-1/2 x 11. Hundreds of B&W illustrations from period catalogs. Soft cover. © 2007.

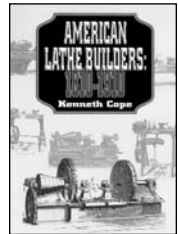


Order Number: AP243 .....\$29.95

**American Lathe Builders: 1810-1910**

Kenneth L. Cope

This is the first book to identify American lathe builders operating throughout the 19th and early 20th centuries. The encyclopedic volume provides the collector, user, and researcher with invaluable information on over 330 lathe builders. The illustrations, taken from original catalogs and periodicals, trace the development of the American metal cutting lathe from the crude, handbuilt models of the early 19th century to the fast, powerful models introduced in the early 20th century. Dozens of early lathe accessories, such as gear-cutting attachments, are also identified and illustrated for the first time. In addition, the book contains a glossary of terms used in describing the various lathes. 204 pages. 8-1/2 x 11. Over 1000 illustrations. Soft cover. © 2001.



Order Number: AP999 .....~~\$24.95~~ Now \$19.95

“The outstanding feature of the work...[is] the over 1000 excellent illustrations....” –Shavings

**American Planer, Shaper and Slotter Builders**

Kenneth L. Cope

A valuable book that identifies American builders of planers, shapers and slotters operating during the 19th and early 20th centuries, providing the reader with invaluable information on over 300 makers. Using more than 1000 illustrations, taken from original catalogs and contemporary periodicals, Mr. Cope shows how these machines developed from crude, handbuilt copies of English machines to monster machines weighing nearly one million pounds, unmatched elsewhere in the world. Numerous machine accessories, such as chucks, dividing heads, milling attachments and key-seating attachments, are identified and illustrated. The book includes a glossary of terms used in describing the various types of planers, shapers and slotters, and provides illustrations that help identify the individual parts of the machines. 208 pages. 8-1/2 x 11. Fully illustrated. Soft cover. © 2002.



Order Number: AP049 .....~~\$24.95~~ Now \$19.95

“For those who are interested in heavy metal removal machinery, this will be an invaluable source of information about those companies that took America into the Industrial Revolution.” –The Workbench

❧ REPRINTS OF EARLY TOOL CATALOGS ❧



**Wooden Planes Catalogs**

**H. Chapin 1859 Price List** • One of the earliest price lists from a major planemaker. *12 pages. 4-1/2 x 7-1/4.*

Order Number: AP085 .....\$2.35

**Chapin-Stephens 1914 Catalog** • The Chapin-Stephens Co. was created through a merger of H. Chapin's Son Co. and D.H. Stephens & Co. and was one of the largest 19th century manufacturers of wooden planes, rules and other hand tools. This important catalog lists, illustrates and prices the company's complete line of tools. *88 pages. 6 x 9.*

Order Number: AP888 .....\$7.50

**Greenfield Tool Co. 1872 Illustrated Catalog** • This catalog lists the complete line, with many planes and molding profiles illustrated. Includes unusual types such as toy planes, boys' planes, ships' planes; and covers all types of finishes, woods and irons. *84 pages. 7-1/4 x 5.*

Order Number: AP255 .....\$8.00

**Sandusky Tool Co. 1877 Catalog** • One of the most important of the 19th century wooden plane manufacturers. This catalog includes the rosewood and ebony classic center-wheel plow and the Morris patent, among others. Many illustrations and molding profiles. *66 pages. 5-1/2 x 8-1/2.*

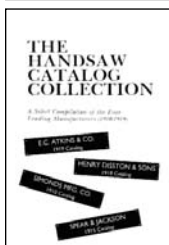
Order Number: AP190.....\$7.50

**Sandusky Tool Co. 1925 Catalog** • The last catalog issued by this important wooden plane manufacturer, containing its complete line, including weatherstrip planes, coopers' tools and other interesting items. Many illustrations and molding profiles. *72 pages. 5-1/2 x 8-1/2.*

Order Number: AP263 .....\$8.50

• **SPECIAL SET PRICE** •

Order Number: AP-S-5CAT .....\$26.00



**The Handsaw Catalog Collection**

Some of the finest handsaws ever made were produced in the early 20th century by four of the leading manufacturers: E.C. Atkins & Co. of Indianapolis, Henry Disston & Sons of Philadelphia, Simonds Manufacturing Co. of Fitchburg, Mass., and Spear & Jackson of Sheffield, England. This collection reproduces the hand saw section from a major catalog issued during this period by each of these four manufacturers. *136 pages. Fully illustrated. 7 x 10. Soft cover. © 1994.*

Order Number: AP441 .....\$17.50

## Norris Metal Planes

This catalog, a reprint of the two most important Thomas Norris catalogs, represents almost the full line of Norris planes up through the end of the 1920's. The 1914 catalog introduced the patented adjuster feature. Illustrations in the later catalog, from around the mid-1920's, were redone to show off the adjuster feature. The Norris section from the 1938 catalog of the famous London tool merchant Buck & Ryan is also included here. As a bonus, four pages of color photographs of the highly sought-after planes from the collection of the Museum of Woodworking Tools have been added. *40 pages. 5-1/2 x 8-1/2. Soft cover. © 2002.*



Order Number: AP081 .....\$12.95

## A Brown & Sharpe Catalogue Collection 1868 to 1899

Introduction by Kenneth L. Cope

Anyone who collects or studies 19th century machine tools and machinist's tools will be delighted with the three catalogs that are reprinted here. They include the 1868 catalog, the first offered by the newly formed Brown & Sharpe Manufacturing Co. and also the first to offer products from its related company, Darling, Brown & Sharpe. The next catalog, issued in 1887, contains a much larger range of products, reflecting the company's rapid expansion. The last catalog, issued in 1899, is dedicated to machinist's tools only. *291 pages. Profusely illustrated. 6 x 9. Soft cover. © 1997.*



Order Number: AP76X .....~~\$10.05~~ Now \$14.95

*"Top quality...the catalogue collection is one that should be in every serious collector's library."  
—The Gristmill*

*"This book can serve as interesting reading or an invaluable reference when trying to identify an old tool,"—Blacksmith's Gazette*

## Buck Bros. 1890 Catalog

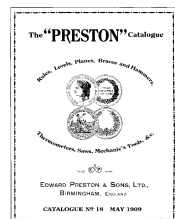
Buck Brothers, founded by immigrants from Sheffield, England, became world-renowned for its manufacture of edge tools, especially chisels. Turning, firmer, paring, carving, millwrights, framing, corner, and just about any other type of chisel imaginable was produced by Buck Brothers, along with plane irons, gouges, carving tools, nail sets, screw drivers, awls, drawing knives, burnishers, handles, and more. *128 pages, profusely illustrated, 5-1/2 x 8-1/2. Soft cover.*



Order Number: AP077 .....\$7.00

## The Preston 1909 Catalog

A complete reprint of perhaps the finest catalog this prestigious firm ever issued. Founded in 1825, Preston was one of the leading English tool manufacturers, noted for its extensive line of high quality hand tools. The 1909 catalogue lists and illustrates over 600 different rules, 300 levels, the distinctive Preston planes and a variety of other tools and instruments. This is one of the most attractive of all the English tool trade catalogues and it's further enhanced by a carefully researched study of the Preston firm by Mark Rees. *224 pages. Hundreds of illustrations. 8-1/2 x 11. Soft cover.*



Order Number: AP896.....~~\$10.05~~ Now \$16.95

## 18 Early Tools & Tool Collecting



### **A Museum of Early American Tools**

Eric Sloane

This fascinating, extremely important, and profusely illustrated book was largely responsible for the first surge of interest in collecting old tools, and the research it inspired continues today. The classic text describes in detail scores of early American tools, and the wooden and metal artifacts made with them. The book covers building tools and methods; farm and kitchen implements; the tools of curriers, wheelwrights, coopers, blacksmiths, coachmakers, loggers, tanners, and other craftsmen of the preindustrial age. 180 B&W drawings. 114 pages. 6-1/2 x 9. Soft cover. © 1964.

Order Number: VAP208 .....\$8.95



### **Murlands**

#### **Antique Tool Value Guide**

Tony Murland

This antique tool value guide is, without question, the most comprehensive sourcebook to the value of antique and collectible tools ever published. Copiously illustrated with photographs and period engravings, this book provides detailed pricing information for virtually every category of antique hand tools. In addition to detailed sections on metallic planes, braces and levels, the book includes a large number of maker imprints and value information for American and British Wooden Planes. prominent

antique tool collectors and researchers that provide great insight into the areas of their particular expertise. 232 pages. 6 x 8. Soft cover. © 2007.

Order Number: VAP261 .....\$29.95

### **Millers Falls Co. 1887 Catalog**

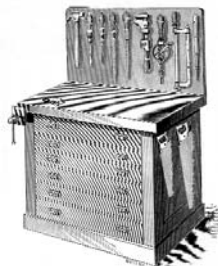
For 75 years Millers Falls was a leading tool manufacturer, particularly noted for its hand and breast drills. This fully illustrated early catalog contains these drills and many other items, including boring machines, levels, saws, treadle lathes & mitre boxes. 72 pages. 5-1/2 x 8-1/2. Soft cover.

Order Number: AP271.....\$7.50

### **The Russell Jennings MFG. Co. 1899 Catalog**

Russell Jennings was synonymous with drill bits and the 1899 catalog shows why, with its beautifully illustrated and fully described presentation. 32 pages. 11 x 7. Soft cover.

Order Number: AP182.....\$5.25



### **American Axes**

Henry J. Kauffman

This illustrated story of American axes written by one of the leading collectors and authorities in the field, identifies the great variety of North American axes dating from the Colonial period to the present. Detailed drawings and diagrams of the construction and production of the basic types of axes, such as the American felling or chopping axe and the two styles of hewing axe—the goosewing and broadaxe—are shown. It also includes a roster of all known American axe manufacturers since the 18th century, a glossary, and notes on the care of axes. 158 Pages. 8.5 x 11. Soft cover. © 1994.

Order Number: VAP301 .....\$14.95



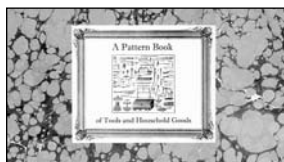
## The Directory of American Toolmakers on CD



This is largest single source of information on North American toolmakers ever compiled and it is now updated and available on CD. The heart of the directory is its main list which includes over 14,000 maker's names, the geographic location of the maker, as well as the work location(s) (when available), the working years of the maker, tool types separated into 73 categories, and descriptions of the marks on the tools. With over 1,200 pages containing over 14,000 entries and over 5,000 supplemental names dating back to as early as 1636, plus cross-references, indexes, and lists of primary and secondary sources, this is an invaluable resource. Tool collectors, museum curators, genealogists, and historians of North American technology will find this publication beneficial. Compiled as a pioneering effort by many members of Early American Industries Association (E.A.I.A.). **Searchable CD-ROM.** © 2007.

Order Number: AP-EAIA51 .....\$30.00

## A Pattern Book of Tools and Household Goods



This is a beautifully crafted reproduction of a pattern book probably issued by W. & C. Wynn of Birmingham about 1820. It contains 83 plates of tools, including 9 fold out plates, all at full size. The plates depict hundreds of tools, household goods including tools for the kitchen, corkscrews, garden tools, watch and clock tools, coopers' tools, shoemakers' tools, gun tools and personal accessories like key rings and fingernail clippers. The illustrated introduction is by Jane Rees. As a bonus, each book has a back pocket containing a reprint of an 1810 W. & C. Wynn price list that closely matches the pattern book. *90 pages. 9 x 15. Hundreds of superbly reproduced B & W drawings of tools. Soft cover. [price list is approx. 4 x 6, soft cover, with 36 pages]* © 2006.

Order Number: AP-EAIA43 .....\$50.00

## Collectible Hand Tools

Dominique Pascal



*Collectible Hand Tools* offers a broad overview of the tools that craftsmen brought to the new world - and many North American originals - as they began to shave, carve, rivet, gauge, mark, saw, and join together their lives in the 200 years before the creation of mass-produced tools. Six categories of tools feature examples of traditional European and American designs for working wood, metal, and leather, as well as the hardest-working tools of all: those associated with building trades, including over a dozen specialized hammer shapes. The final chapter looks at unusual tool designs. *Collectible Hand Tools* is the perfect introduction to an absorbing hobby. *384 pages. 5-1/2 x 5-1/2. 400 color photos. Soft cover.* © 2004.

Order Number: VAP218 .....\$14.95

## Collectible Pocket Knives

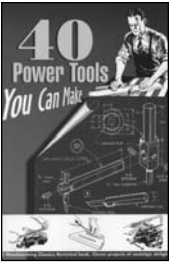
Dominique Pascal



The simplest and most indispensable of tools, the pocket knife has existed in the form we know today for centuries. From the most basic pivoting blade to modern creations using high-tech alloys, knives have long been true collector's items. Featuring over 500 color photographs, this is a mine of information covering knives of all sorts, from the most valuable and precious collector's items to more commonly found models. Each photograph is accompanied by a short text explaining the significance of every knife displayed.

Order Number: VAP277 .....\$14.95

# 20 Early Tools & Tool Collecting



## 40 Power Tools You Can Make

Originally published by Popular Mechanics in 1941, this book describes how to build a host of machines and power tools by using commonly available materials. Topics include the construction of a 10-inch thickness planer, a tilting arbor circular saw, a power cordwood saw, jigsaws, bending brakes, a wood lathe, drill presses, bandsaws, and much more. Written during World War II, when spare materials and labor were scarce, this is a fascinating look back at how Yankee ingenuity and elbow grease allowed people to construct their own tools! *96 pages. 6 x 9. Soft cover. © 1941.*

Order Number: VAP247.....\$12.95



## Selections From the Chronicle The Fascinating World of Early Tools and Trades

Fifty-five fascinating and informative articles on early tools and trades, selected from several thousand published in the journal of the Early American Industries Association over the past 60 years. Some written by experts, others the first hand accounts of early craftsmen, pioneers, and travelers, they cover a wide variety of subjects including: • lumber rafting down the Delaware in 1896; • how tinsmiths used their tools; • the bygone cobbler and clogmaker; • Blacksmiths' hammer signals; • traditional soapmaking on the frontier; • making horsehair sieves; • household irons, spinning wheels and the hay burner; • nail making in early Virginia; • making barrels by hand...and many more. *407 pages. Fully illustrated and indexed. 6-1/8 x 9-1/4. Hard cover. © 1991.*

Order Number: AP00X .....\$24.95 Now \$18.95

*"Hard to put down...a wonderful book for a glimpse of how things used to be done, as well as an invaluable reference work."* –Woodworker Magazine

*"Just the book for a cold winter's night."* –Washington Post

*"...a plentiful smorgasbord of tasty and even nourishing snacks..."*

–IA (Society for Industrial Archaeology)



## The Mastermyr Find A Viking Age Tool Chest from Gotland Greta Arwidsson and Gosta Berg

The chest was found in Mastmyr on the island of Gotland Sweden in 1936. More than 200 objects were found in and around it. Most are tools that were used by blacksmiths and carpenters, many of them amazingly modern in appearance. *90 pages. 8-1/2 x 11. 32 pages of B&W photos and drawings. Soft cover. © 1999.*

Order Number: CB9165 .....\$17.95

*"The book...describes this archaeological find in detail with clear photographs and drawings." "You will...be surprised at the wide variety of tools as used by the Viking woodworker and metal smiths."* – The Gristmill



## The Chronicle Volume 1 through 60 on DVD

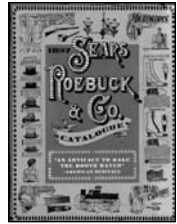


For seventy-five years, *The Chronicle* of the Early American Industries Association (E.A.I.A.) has published informative articles on the history and study of early technologies, industries, crafts, and trades. The Chronicle has become well known for its presentation of original research and ground-breaking articles, written by collectors, students, professional historians, and living history re-enactors. *This digital edition contains volume 1 (1933) through volume 60 (2007) in searchable Adobe PDF files. © 2009.*

Order Number: AP-EAIA6X.....\$35.00

## 1897 Sears Roebuck & Co. Catalogue

Imagine it's the end of the nineteenth century, and, with one catalog, you can buy everything from beds and tools to clothing and opium. Not to mention ear trumpets, horse buggies, and Bibles. This catalogue is both a wonderfully fascinating collector's item and a valuable piece of American history. What was once standard household fare is today a sometimes strange, often funny look at what life was once like for the average American family. *736 pages, 8-1/2 x 11. Fully illustrated with B&W photos and line drawings. Soft cover. © 2007.*



Order Number: VAP222 .....\$17.95

## 1895 Montgomery Ward & Co. Catalogue & Buyers' Guide

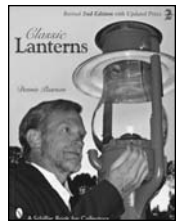
At its zenith from the 1880s to the 1940s, Montgomery Ward, like its cross-town Chicago rival, Sears, sold virtually everything the average American could think of or desire—and by mail. This was a revolution, and Ward's fired the first shot. This unabridged facsimile of the retail giant's 1895 catalogue showcases some 25,000 items, from the necessities of life (flour, shirts) to products whose time has passed (ear trumpets). *656 pages, 8-1/2 x 11. Fully illustrated with B&W photos and line drawings. Soft cover. © 2008.*



Order Number: VAP223 .....\$17.95

## Classic Lanterns Dennis Pearson

Each lantern is described in meticulous detail with over 200 photos and illustrations, and over 30 color photos. Included is detailed restoration information on American and foreign lanterns, railroad lanterns, and many barn lanterns with a handful of lanterns never before being photographed. Information on the history, companies, people, places, uses and prices complete this invaluable resource. *144 pages. 8-1/2 x 11. Soft cover. © 2010.*



Order Number: VAP284 .....\$29.99

## Compass Chronicles Kornelia Takacs

After the invention of the magnetic compass and its first use in Italy for travel in the 16th century, a ship's course could be constantly monitored, leading to exploration and world trade. This is an intriguing, general guide to compass types, their history, special uses, and patented improvements. Hundreds of compasses are included. Cases for compasses include wood, leather, and brass in distinct styles. The variety of craftsmanship quality, style, and value can help to identify origin and make collecting enjoyable and rewarding. *176 pages. 8-3/4 x 11-1/4. Over 500 colorful photos and illustrations. Jacketed-hard cover. © 2010.*



Order Number: VAP280 .....\$39.99

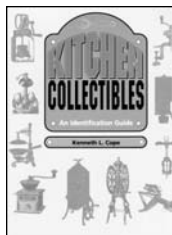
Visit [www.astragalpress.com](http://www.astragalpress.com)



**Collecting Tech**  
**Appreciating and Collecting Historical Technology**  
 Peter F. Stone

Invention, Engineering and Science – all of these come together in this fascinating look at historic items. Nine of the ten chapters cover specific areas of technology: domestic, steam, nautical, electrical, engineering, surveying, scientific, tool and occupational. Ranging from 19th to early 20th centuries, each object is described with an entire page of information. Each chapter includes a chronology of significant developments in the specific technological area along with a related timeline for the objects described to help provide an historical context. Ending the chapter is a technological update to help the reader understand why objects described have become obsolete. *216 pages. 8-1/2 x 11. Over 200 full-color illustrations. Jacketed-hardcover. © 2011.*

Order Number: AP6309 .....\$42.95



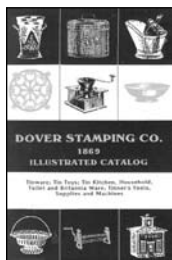
**Kitchen Collectibles**  
 Kenneth L. Cope

This book concentrates on the identification of kitchen collectibles dating from 1830 to 1930. With over 600 manufacturers listed and described and nearly 2,000 illustrations taken from original catalogs and advertisements, this book allows you to clearly identify your collectible. There is an exclusive listing of the trade names associated with each manufacturer, and an alphabetical listing of manufacturers with their associated patent dates. This permits the cross-reference of collectibles even when they are marked with just a trade name or patent date. Mr. Cope also helps the reader identify non-American pieces by providing a separate list of abbreviations

found on such items, together with their country and an English translation of their meanings. *208 pages. 8-1/2 x 11. Profusely illustrated in B&W. Soft cover. © 2000.*

Order Number: AP93X .....~~\$29.95~~ Now \$17.95

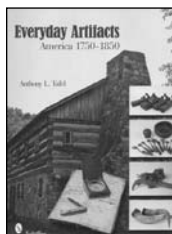
*"Collectors now have a book to answer the who, what, where and when of items now in their collections or being considered."* – Georgian Antique Digest



**Dover Stamping Co. 1869 Illustrated Catalog**

Founded in 1833, the Dover Stamping Co. was, by 1869, one of the leading American manufacturers and distributors of houseware goods and tinner's tools and machines. Included in this extensive catalog are a wide variety of products, ranging from plates, cake pans, molds, tea and coffee pots to graters, match safes, stove ornaments, and toys. Also shown are many tinner's tools and machines. A most valuable resource for tinsmiths and other metal workers, as well as collectors and dealers. *214 pages. 6 x 9. Fully illustrated. Soft cover. © 1994.*

Order Number: AP573 .....~~\$16.95~~ Now \$11.95



**Everyday Artifacts**  
**America 1750-1850**  
 Anthony L. Tafel

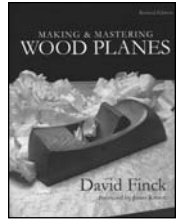
Over 280 crisp color photos reveal artifacts of early American everyday life that were useful for surveying land, building log homes, farming the land, traveling, blacksmithing, and cabinetmaking. From light paper ephemera such as land surveys and playing cards to heavy garden stones and Conestoga wagon components, they are pictured and explained. This book is ideal for all those with a passion for history or a curiosity about objects used in America in the mid-eighteenth and nineteenth centuries. *112 pages. 8-1/2 x 11. 281 color photos and Index. Soft cover. © 2009.*

Order Number: VAP262.....\$19.99

## Making & Mastering Wood Planes

David Finck, Foreword by James Krenov

This meticulously complete, photo-packed guide is like two volumes in one, teaching you how to make a classic plane yourself and how to use it in a refined manner. One of the most respected woodworkers around digs deeply into the art of crafting and working with this personalized tool, helping even the most uninitiated with dozens of detailed boxed sidebars on the basics. Every step in the construction process receives extremely close attention: preparing the plane blank, bandsaw pointers, drift angle, tension, tuning and using hand tools, sharpening with ease speed, and reliability, cross pin location, and gluing up. *192 pages. 245 full-color photos and 93 drawings. 8 x 10. Soft cover. © 2005.*



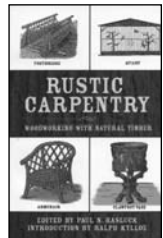
Order Number: VAP263 .....\$24.95

## Rustic Carpentry

### Woodworking with Natural Timbers

Edited By Paul N. Hasluck, Introduction By Ralph Kylloe

With an introduction by master craftsman Ralph Kylloe, this manual on rustic carpentry is a superb resource for woodworkers, furniture makers, and carpenters of all skill levels. Here are clear and concise instructions for creating beautiful pieces with unfinished timber, utilizing the unique texture and shape of tree branches, trunks, and shrubs. In addition, rustic wood-working requires few tools and relatively little skill to make decorative and practical flower stands, tables, chairs, gates, porches, aviaries, footbridges, verandas, tool sheds, and more. All these projects are included here with detailed advice on collecting and drying sticks; what kind of wood works best for various items; how to varnish both indoor and outdoor pieces; using battens and mortises to secure furniture; and successfully employing a range of other techniques. *160 pages. 5-3/8 x 8-1/4. Soft cover. ©2007 reprint of 1907 version.*

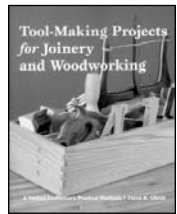


Order Number: VAP295 .....\$9.95

## Tool-Making Projects for Joinery and Woodworking

Steve A. Olesin

Woodworkers love to use fine hand tools to make projects. The only thing more satisfying than that is working wood with hand tools the crafts-person has made for himself or herself. This practical and comprehensive handbook presents detailed instructions for making 20 essential hand tools for joinery and general woodworking. All the tools can be made using common workshop tools and techniques. These tools include everything the craftsman needs to cut the frame and box joints that are at the heart of furniture and interior woodworking. Readers will learn how to cut mortise-and-tenon joints and dovetail joints using the tools they have made. *184 pages. 8 x 10. Fully illustrated w/B&W photos and drawings. Soft cover. © 2005.*

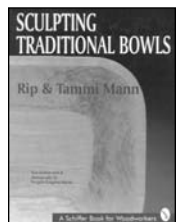


Order Number: VAP188.....\$24.95

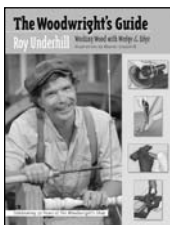
## Sculpting Traditional Bowls

Rip & Tammi Mann

Handhewn bowls are one of the oldest crafts known to man, but one which has been almost lost. This book helps reverse that trend, reviving interest by introducing the carver and woodworker to exciting new possibilities. Using only hand tools, the bowl adze, a bowl shave and a carver's hook, Rip and Tammi lead the carver or sculptor through the steps of this satisfying art. They begin with a blank and conclude with an oil finish process that makes the bowls beautiful and safe for use with food. Each step is illustrated in color, with a complete description of design and technique concerns. *48 pages. 8-1/2 x 11. Color photographs throughout. Soft cover. © 1994.*



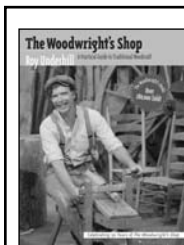
Order Number: VAP175 .....\$12.95



**The Woodwright's Guide**  
**Working Wood with Wedge & Edge**  
 Roy Underhill

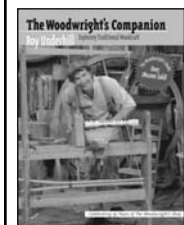
Beginning with the standing tree, each chapter explores one of nine trades of woodcraft: faller, cleaver and countryman, hewer, log builder, sawyer, frame carpenter, joiner, turner, and cabinetmaker. Each trade brings new tools and techniques; each trade uses a different character of material; but all are united by the grain in the wood and the enduring mastery of muscle and steel. Hundreds of detailed drawings illustrate the hand tools and processes for shaping and joining wood. *192 pages. 8-1/2 x 11. 307 illustrations. Soft cover. © 2008.*

Order Number: VAP236 .....\$22.50



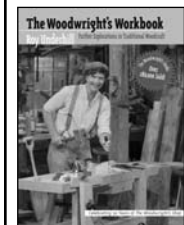
**The Woodwright's Shop**  
**A Practical Guide to Traditional Woodcraft**  
 Roy Underhill

Combining historical background, folklore, alternative technology, and humor, this is a source of general information and a detailed introduction to traditional woodworking. Beginning with a guide to trees and tools, it includes chapters on gluts and mauls, shaving horses, rakes, chairs, weaving wood, hay forks, dough bowls, lathes, blacksmithing, dovetails, panel-frame construction, log houses, and timber-frame construction. *211 pages. 8-1/2 x 11. 339 B&W illustrations. Soft cover. © 1981.*  
 Order Number: VAP225.....\$23.95



**The Woodwright's Companion**  
**Exploring Traditional Woodcraft**  
 Roy Underhill

This volume features chapters on helves and handles, saws, the search for the whetstone quarry, crow chasers and turkey calls, hurdles, whim-diddles, snaplines and marking gauges, candle stands, planes, window sash, riven shingles, and pit sawing. The final chapter offers a glimpse of traditional woodworking techniques still used by the Colonial Williamsburg housewrights. *203 pages. 8-1/2 x 11. 262 illustrations. Soft cover. © 1983.*  
 Order Number: VAP226.....\$23.95



**The Woodwright's Workbook**  
**Further Explorations in Traditional Woodcraft**  
 Roy Underhill

This book features step-by-step instructions for a selection of projects. All projects are illustrated with photographs and measured drawings. Included here are plans for tool chests, workbenches, lathes, and historical reproductions of items for the home: a six-board chest, rustic chairs with cattail seats, a churn for the kitchen, and the Rittenhouse hygrometer. Roy also explores building barns, forges, boats, and even colonial fortresses. *259 pages. 8-1/2 x 11. 239 illustrations. Soft cover. © 1986.*  
 Order Number: VAP227 .....\$23.95

• **SPECIAL THREE BOOK SET PRICE** •

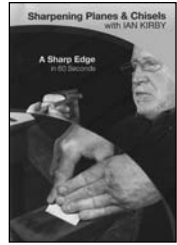
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❧ FROM MASTER CRAFTSMAN IAN KIRBY ❧

## Sharpening Planes & Chisels with Ian Kirby

### A Sharp Edge in 60 Seconds

Every craftsperson must have sharp tools to produce quality work. This how-to DVD employs a structured, step-by-step method to show woodworkers of every skill level how to sharpen and adjust hand planes and chisels to achieve maximum results. This DVD provides information and demonstrations on: Planes and Their Anatomy; Grinding Equipment; How to Grind the Blade; Sharpening with Waterstones; Setting Up a Sharpening Table; and Back Sharpening. *65 minutes.* © 2008.



Order Number: VAP238.....\$21.95

## Sharpening With Waterstones

With the information and expert guidance presented in this volume, sharpening tools becomes a quick, simple and straightforward skill that anyone can learn. Readers will learn how to put a perfect edge on chisels, plane irons, scissors & knives, and carving tools. Master woodworker Ian Kirby shows how to use waterstones in conjunction with a slow-speed electric grinder as the best and quickest route to a superbly sharp edge. The handbook also includes detailed plans for a sharpening bench, a simple angle-guide, and a grinder tool rest. *112 pages. 200 B&W photos and 25 drawings. 6 x 9. Soft cover.* © 1998.



Order Number: VAP179.....\$14.95

## The Complete Dovetail

The dovetail, which makes boxes and drawers, is the hallmark of fine woodworking. This unique and comprehensive handbook unlocks the intricacies of the classic joint. Woodworkers will learn exactly how to design and lay out all forms of dovetail, and how to saw and chisel the mating parts to a perfect fit. *The Complete Dovetail* shows how to make four major corner dovetails (through, single-lap, double-lap, secret miter) and three rail joints (dovetail halving, dovetail housing, drawer top rail). An essential reference every serious woodworker will need to own. *160 pages. 6 x 9. 100 B&W photographs; 100 line drawings. Soft cover.* © 1999.



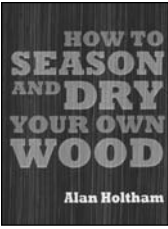
Order Number: VAP128.....\$14.95

## The Accurate Table Saw

Here is practical, shop-tested advice for setting up and safely using this key machine in today's woodworking shop. Readers will learn how to tune their saws to top performance, where to stand and how to move to make accurate cuts, and how to set-up for making multiple identical parts—the basic elements of joining wood, enabling readers to build projects that fit precisely together, every time. The handbook includes detailed plans for a superb cross-cut fixture, plus plans for really accurate jigs for taper cutting, joint making, raising panels and miter cutting. An important addition to the technical literature. *160 pages. 250 B&W photographs, 30 drawings. 6 x 9. Soft cover.* © 1998.



Order Number: VAP102.....\$14.95



**How To Season And Dry Your Own Wood**  
 Alan Holtham

*How to Season and Dry Your Own Wood* is an indispensable guide to working with wood, looking at its formation, distinguishing between different species and types, clarifying important terminology and identifying potential problems. With his approachable style, Holtham tackles the science behind working with timber, answering questions and showing how to practically apply this knowledge. Areas covered include: anatomical structures of wood, data on working properties, seasoning and drying requirements, potential problems and solution and health and safety considerations. *192 pages. 8-1/2 x 11. Soft cover. © 2010.*

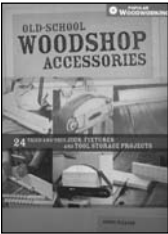
Order Number: VAP281.....\$24.95



**1001 Tips for Wood Workers**  
 Percy Blandford

Legendary craftsman Percy Blandford has at last collected his seven decades of woodworking experience into a single information-packed volume. Covering all aspects of woodworking this book contains 100s of tips to improve the use of traditional handtools, plus ways to get the most out of many hand and stationary power tools available today. Workshops and their equipment are also extensively covered. *376 pages. 6-1/4 x 9-1/4. 950 B&W line drawings. Soft cover. © 2007.*

Order Number: VAP232.....\$21.95



**Old-School Woodshop Accessories**  
**40 Tried-and-True Jigs, Fixtures**  
**and Tool Storage Projects**  
 Chris Gleason

Author Chris Gleason recently discovered a periodical known as the Deltagram that was published during the 1930's and 1940's. It contained tons of jig and fixture ideas that showed woodworkers how to pump up the capabilities of their power tools. These ideas are still as useful and clever today as they were then. Chris has collected 24 of the best shop jigs and fixtures from these Deltagrams and reproduced and updated them for use in today's woodworking shops. The Deltagrams are almost as valuable for their historic interest as their shop applications. *128 pages. 8 x 11. Soft cover. © 2007.*

Order Number: VAP252 .....\$24.99



**To Turn the Perfect Wooden Bowl**  
**The Lifelong Quest of Bob Stocksdale**  
 Ron Roszkiewicz

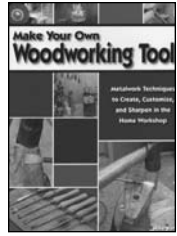
During the woodturning renaissance of the 1970's, one man emerged as the primary inspiration for scores of woodturners. His name was Bob Stocksdale. Unpretentious and extraordinarily talented, Stocksdale was a master at finding the natural beauty in wood for his functionally elegant bowls. His love for exotic timbers, his careful attention to selecting just the right piece, and his gifted use of simple tools were the trademarks that gained him celebrity status and set the standard for excellence in the contemporary wood art movement. *160 pages. 8 x 8. Softcover. © 2009.*

Order Number: CB2744 .....\$24.95

**Make Your Own Woodworking Tools  
Metalwork Techniques to Create, Customize, and  
Sharpen in the Home Workshop**

Mike Burton

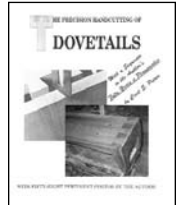
This book introduces you to the straightforward and economical methods of making your own woodcarving and woodturning tools. Armed with 50-plus years of toolmaking experience and a down-to-earth style, the author will guide you through the fulfilling process of creating exactly the wood-working tool you want. After an introduction to the basics of materials, tools, and safety, you'll learn techniques required to tackle projects that will develop and hone your skills as a toolmaker. *122 pages. 8-1/2 x 11. Soft cover. © 2006.*



Order Number: VAP245.....\$19.95

**The Precision Handcutting of Dovetails**  
Cecil E. Pierce

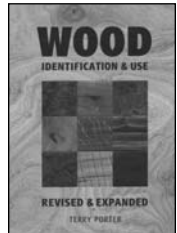
In this book, Cecil Pierce, author of *Fifty Years A Planemaker and User*, addresses the subject of dovetails, the strongest and most beautiful of joints. As with his first book, he guides the reader through the entire process of handcutting a dovetail by means of detailed photographs and commentary, with a number of new and practical suggestions for problems encountered along the way. Later in the book, Pierce returns to the subject of wooden handplanes, including the discovery of a new method for precision adjustment of the iron. *56 pages. 8-1/2 x 11. B&W photographs throughout. Hard cover. © 1995.*



Order Number: VAP169.....\$18.00

**Wood Identification & Use**  
Terry Porter

This book brings together practical information on today's most important lumber and gives a full-color, close-up view of the various grains. It features a main section with more than 200 woods used in cabinet making, joinery, carpentry, turning, carving, and a host of specialist applications; in addition, another 200 receive shorter listings in the back. Every featured wood is illustrated and described in detail, with invaluable facts on its working properties, seasoning requirements, durability, typical uses, and even health risks it can pose. *256 pages. 8 1/4 x 11. Hard cover. © 2007.*



Order Number: CB2464.....\$29.95

**Tree Craft**  
**35 Rustic Wood Projects That Bring the Outdoors In**  
Chris Lubkemann

Utilizing twigs, branches, and found wood, this manual provides step-by-step instructions for versatile projects that range from easy to ambitious. Inspiring readers with beautiful full-color photography of completed items, the guide is packed with affordable and environmentally friendly projects for both inside the home and outdoors, including a curtain rod, coat rack, ring, chess/checker table, walking stick, and rustic seat. Also included is a gallery of contemporary rooms showcasing ideas for decorating a modern home with rustic accents. Covering everything from where to find wood to choosing the right tools, this guide is the perfect gift for thrifty and eco-friendly crafters, naturalists, woodworkers, and decorators. *144 pages. 8-1/2 x 11. Color photos. Soft cover. © 2010.*



Order Number: VAP279.....\$19.95



## Making Traditional Wooden Planes

John M. Whelan

John Whelan unlocks the fascinating secrets of an almost lost art: wooden planemaking. For those curious about the ingenious ways of the craft, this book lays out clear step-by-step instructions that will enable any woodworker to make a plane. Each chapter (covering 20 different types of planes and spokeshaves) is fully illustrated by the author's line drawings. In addition, there are chapters on the history and alternative methods of planemaking, making plane irons, and the tuning and using of wooden planes. Every chapter that details the construction of a particular plane starts with a photograph of the plane that has been made by the author. 128 pages. Fully illustrated. 8-1/2 x 11. Soft cover. © 1996.

Order Number: AP697 .....\$21.95

*"A classic reference work in its field...thoroughly researched and well written and illustrated."*—RAG

*"This book is excellent...with directions that were easy to follow and accurate. Certainly the book I'd recommend to anyone wanting to build their own plane."*—Woodenboat



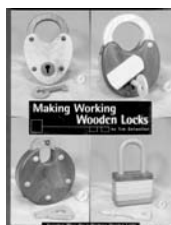
## Old Ways of Working Wood

The Techniques & Tools of a Time-Honored Craft

Alex W. Bealer

Arranged topically by the type of woodwork to be performed, this book moves through the process of harvesting the timber, splitting, sawing and planing it to size, and then to working it into a wide range of objects. It also explains the process of making tools from the very same wood, and its illustrations bring the art of tool making to life. Surprisingly, some old technology has simply not been improved upon, and this book will help the modern woodworker rediscover those forgotten secrets. 255 pages. 6-1/4 x 9-1/4. Over 200 illustrations. Hard cover. © 1996.

Order Number: VAP166.....\$12.00



## Making Working Wooden Locks

Tim Detweiler

Here is a book for all woodworkers who enjoy making moving, mechanically-oriented objects, such as puzzles, games, gears, motors, etc. It is the novelty of a wooden lock that makes it so irresistible. Included are plans and detailed instructions to make five working, entirely wooden, locks. 96 pages. 8 x 10-3/4. Color photos and illustrations throughout. Soft cover. © 2000.

Order Number: VAP159.....\$21.95



## The Complete Guide to Chair Caning

Jim Widess

Jim Widess, owner of The Caning Shop, presents crafters with five amazingly detailed chairmaking projects they'll treasure for years to come. Best of all, with the help of a thorough basics chapter, reader-friendly instructions, and a plethora of illuminating color photographs, even beginners can complete every beautiful item. Find out how to use machine-made caning to restore an old chair, or create an entirely new one by hand. Fashion a durable and comfortable rush seat, using fiber that's twisted into long strands, or create a traditional splint-caned porch rocker. 128 pages. 10 1/4" x 8 3/4". Hard cover. © 2005.

Order Number: VAP293 .....\$24.95



**The Frugal Woodturner**  
**Make and Modify all the Tools**  
**and Equipment you Need**  
 Ernie Conover

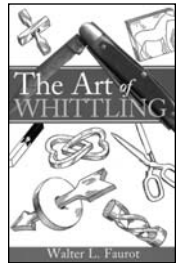
Filled with information on lathes, turning tools, and blades, this comprehensive guide covers all the elements needed for setting up and maintaining a personal woodturning shop. Providing the necessary knowledge for woodturning on a budget, this manual informs on where to find good deals and how—and when—to personally make repairs. Instructions on making accessories, sharpening tools, choosing a lathe, finding cheap wood, and setting up a turning shop at three different budget levels are also provided. *144 pages. 8.5 x 11. Soft cover. ©2010.*



Order Number: VAP302.....\$19.95

**The Art of Whittling**

A *Woodworking Classics Revisited Book* filled with clever projects of nostalgic delight. First published in 1930, this is an unabridged republication of the original edition. Walter L. Faurot's *The Art of Whittling* has for decades provided readers with a wonderful introduction to the enjoyable hobby of whittling. Contains instructions for making such items as continuous wooden chains, working wooden scissors and pliers, balls in cages, entwined hearts, fans, and ships inside bottles! *92 pages. 5-1/2 x 8-1/2. Soft cover. © 2007.*



Order Number: VAP230.....\$9.95

**Made By Hand**  
**Furniture Projects From the**  
**Unplugged Woodshop**  
 Tom Fidgen

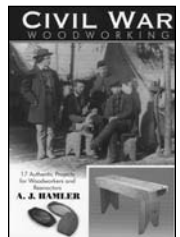


Fidgen gives the traditional woodworking user an opportunity for a more satisfying relationship with the wood and the creative woodworking process by being quieter, cleaner and maybe even a little spiritual. It's no surprise many "plugged-in" woodworkers are returning to the roots of this treasured skill. Where some hand-tool books focus solely on the use of hand tools, *Made By Hand* takes you right to the bench and shows you how to start building furniture using these tools. The six projects (including a cabinetmaker's tool chest and a dovetailed wall cabinet) along with the companion DVD offer excellent views of the hand tools techniques and the critical body positioning necessary to get the best use out of the tools. *159 pages. 8-1/2 x 11. Includes DVD. Hard cover. © 2010.*

Order Number: VAP282 .....\$29.99

**Civil War Woodworking**  
 A.J. Hamler

Ranging from fairly easy to moderately difficult, this woodworking manual furnishes accurate reproductions of Civil War-era objects. Historical information about manufacturing and woodworking in the 19th century complements a discussion on standards, offering interested craftspeople all the relevant information to produce authentic replicas in the modern shop. All of the projects include step-by-step instructions and detailed history. With period photographs of the original items as well as modern images of re-enactors using the reproductions, this reference will appeal to both the woodworker and history buff. *164 pages. 8-1/2 x 11. Soft cover. © 2010.*



Order Number: VAP283 .....\$24.95

❧ **TURNING AND MECHANICAL MANIPULATION** ❧  
**—Holtzapffel—**

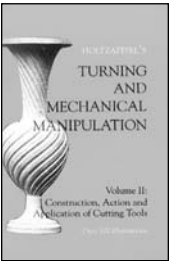
*This reprint series makes available four of the Holtzapffel classic five-volume work **Turning and Mechanical Manipulation** (Vol. V is out of print). These books have been described as “possibly the greatest work in the English language dealing with the lathe and its accessory apparatus” and as “a mine of information on woodworking tools and methods that will never be surpassed.”*



**Volume I: Materials, Their Choice, Preparation and Various Modes of Working Them**  
 Charles Holtzapffel

Originally published in 1843. It covers in detail the full range of materials that can be used, why they are chosen, how they are prepared and worked: descriptions of the ornamental characteristics and stability of the various types of wood useful for joinery and turnery; the combining of woods; how to avoid shrinkage, warping and splitting. Bone, shell, ivory, horn, tortoise are described, with explanations of how they are prepared, cut, bent, joined, molded and inlaid. Also covered are the use of amber, slate, marble, semi-precious and precious stones; the manufacture of cast and malleable iron; forging iron and steel; hardening and tempering; metal alloys most often used; casting and founding; joining and rolling sheet metal; the various methods of soldering; and much more. *480 pages. 300 illustrations. 6 x 9-1/4. Soft cover. © 1994.*

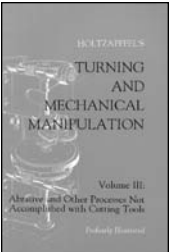
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**Volume II: Construction, Action, and Application of Cutting Tools**  
 Charles Holtzapffel

Volume II was written in 1846 and covers the construction, action, and application of cutting tools and the machines derived from hand tools. This reproduction of the 1875 edition contains over 700 illustrations with detailed explanations of the various types of chisels, planes and plane irons, tools used for turning, and boring, screw cutting, saws (including sharpening and cutting teeth), files, shears and punches, screw cutting apparatus, vises, spindles, and planing and shaping machines. An invaluable reference, once again available. *595 pages. 700 illustrations. 6 x 9-1/4. Soft cover. © 1994.*

Order Number: AP395 .....\$30.00



**Volume III: Abrasive and Other Processes Not Accomplished With Cutting Tools**  
 Charles and John Jacob Holtzapffel

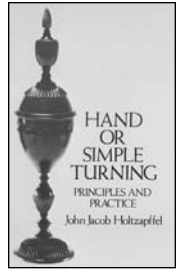
Volume III is the first to include the supplemental 300 pages of revisions and 250 additional woodcuts provided by John Jacob Holtzapffel in 1894, it covers in complete detail processes used to reduce and shape other than with cutting tools: the shaping and polishing of stone and marble; the grinding and sharpening of cutting tools to precise forms and angles; the producing of cylindrical, spherical, conical and plane surfaces by abrasion and surface grinding; glass cutting and etching, lens grinding and polishing; the use of diamonds in drilling and grinding; grinding of internal cylinders; lapidary work; gem and glass engraving; watchmaker's turning tools; varnishing, lacquering, and bronzing; and much more. *816 pages. 430 illustrations. 6 x 9-1/4. Soft cover. © 1994.*

Order Number: AP476 .....\$32.50

**Volume IV: Hand or Simple Turning Principles and Practices**

John Jacob Holtzapffel

Beginning with a full historical introduction, this classic, first printed in 1879, continues with a complete coverage of lathes, their uses and the apparatus added on to the lathe for specific purposes. The final third of the book is devoted to many projects that demonstrate the versatility of the lathe: the Chinese ball, polyhedra compound forms nested inside a turned polyhedra box, egg cups, salt cellars, flower holders, ash trays, flour sifters, candlesticks, Greek and Etruscan vases, tableware, chandeliers—and on and on. The 771 figures and 22 plates illustrate almost every concept, method or object discussed. 592 pages. 6-1/8 x 9-1/8. Soft cover. Illustrated. © 1990.



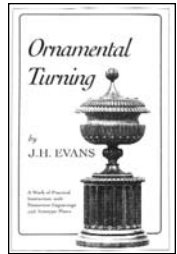
Order Number: VAP146 .....\$21.95



**Ornamental Turning**

John Henry Evans

Evans, like his contemporaries the Holtzapffels, was a manufacturer of high quality lathes; but he was also an accomplished turner and, for 33 years, the author of many articles for “English Mechanic,” a leading journal of the time. This broad combination of engineering and practical experience, along with literary skills, makes *Ornamental Turning* one of the most useful books in the field. Clearly written and richly illustrated with over 190 detailed line drawings and 19 plates, it provides a complete coverage of the subject. Included is a chapter on Dawson’s geometric slide rest, details on the design of many types of apparatus, and a brief chapter on electrotyping. This is a complete reprint of the original 1886 edition. 344 pages. 192 line drawings, 19 half tones. 5-1/2 x 8-1/2. Soft cover. © 1993.



Order Number: AP352 .....\$22.50 Now \$18.95

“...thoroughly recommended for the ornamental turner...a wonderful value.”

—Good Woodworking Magazine

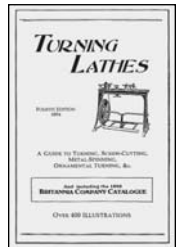
“We recommend this single volume edition highly because of its compactness and because of its excellent plates and engravings.”—Turning Points

**Turning Lathes**

**A Guide to Turning, Screw Cutting, Metal Spinning & Ornamental Turning**

James Lukin

Frank Knox referred to James Lukin (1827-1917) as one of the outstanding ornamental turners of the modern period, and considered his books second only to those of Holtzapffel in usefulness, clarifying much of what Holtzapffel left unclear. This reprint contains both the 1894 expanded edition of *Turning Lathes* and the 200 page 1896 Britannia Company catalog that lists and illustrates all types of lathes and lathe equipment, as well as other quality machine tools. Lukin, in the over 200 page narrative section, covers turning tools, hardwood turning, metal turning with hand tools, slide test work in metal, the self-acting lathe, chuck-making, turning square sections, screw cutting, metal spinning, a description of Beddow’s (combined) epicycloidal, rose cutting, eccentric cutting, drilling, fluting and vertical cutting, the eccentric chuck, the dome or spherical chuck, the goniostat, the oval or ellipse chuck, and much other fascinating information. 432 pages. 6 x 9-1/4. Fully illustrated. Soft cover. © 1994.



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**Primitive Skills And Crafts**  
**An Outdoorsman's Guide to Shelters, Tools, Weapons, Tracking, Survival, and More**  
Richard and Linda Jamison

Anyone eager to master survival skills for outdoor vacations, or simply to find a fun new family activity for a Saturday afternoon, will be educated and inspired by the practical advice presented here by archaeologists, anthropologists, primitive practitioners, craftsmen, and artisans. These experts help modern readers rediscover the skills that have served humanity for millennia: fire-making, camp cooking, basket weaving, pottery making, animal tracking, and much more. You can even learn how to turn seashells into arrowheads or make glue from yucca plants. Plus, there's intriguing information on the benefits of a hunter-gatherer diet. More than just a how-to, this handbook provides inspiration to live life to the fullest. *272 pages. 6 x 9. Soft cover. ©2007 reprint of 1997 version.*

Order Number: VAP296 ..... ~~\$12.95~~ **SALE \$6.50**

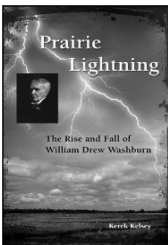


**Tool School**  
**The Missing Manual for Your Tools**  
Monte Burch

*Tool School* eliminates the trepidation, saves time, and allows woodworkers to start using their tools correctly and safely. It covers everything from what to look for when purchasing tools to correct usage for safety and accuracy. Both portable and stationary woodworking tools are covered through extensive photography and illustrations. These days most tools come with what amounts to a pamphlet of safety advice that contains little information about how things work--this book is the missing instruction manual.

*240 pages. 9 x 11. Soft cover. © 2008.*

Order Number: VAP255 ..... ~~\$20.00~~ **SALE \$15.50**



**Prairie Lightning**  
**The Rise and Fall of William Drew Washburn**  
Kerck Kelsey

In every way, William Drew Washburn was larger than life. A leading entrepreneur and politician of early Minneapolis, Washburn was deeply involved in most of the key developments of the early city. This included the development of the Minneapolis Mill Co., early lumber and flour milling at both Minneapolis and Anoka, trolley cars, newspapers, electricity, railroads and coal mining, among other things. *200 pages, 2010, 6 x 9. Paperback, B&W with 50+ photos and maps*

Order Number: PP460 ..... ~~\$18.95~~ **SALE \$14.25**

**Wagon-Making in the United States During the Late-19th through Mid-20th Centuries**  
**A Study of the Gruber Wagon Works at Mt. Pleasant, Pennsylvania**

Paul A. Kube with Contributions by Clayton E. Ray and Cathy L. Wegener

This is perhaps one of the best available descriptions of the tools, materials, technology, and process of wagon-making in the US during the late pre-automotive period. The featured centerpiece of this book is a masters thesis completed in 1968 by Kube. This thesis describes the content, structure, and functioning of the Gruber Wagon Works as that business existed in the middle part of the 20th century – a rare late-surviving representative of an industry that had, at one time, been essential to the transportation needs of the agrarian and early industrial national economy. Contributions by Ray and Wegener provide an introduction to the significance of the Kube thesis, a brief history of wagon-making in the United States, a review of the relocation and management of the Gruber Wagon Works as an interpretive center during and after the mid-1970s, a compilation of surviving production records of the Gruber Works, and a biographical sketch of Paul Kube. *264 pages. 6 x 9. More than 100 photos. Soft cover. © 2005.*



Order Number: VAP270 .....\$22.95

**The Gruber Wagon Works**  
**The Place Where Time Stood Still**  
 Carol J. Hunsberger

From its inception through the remaining decades of the pre-automotive era, the Gruber Works was representative of the many small wagon-making businesses that occurred throughout the United States. As the automotive era emerged, wagon-making businesses typically either transformed or vanished, but the Gruber business – an exception – continued to make wagons and other conveyances until the 1950s and to repair these vehicles through 1971. In the 1970s, the Gruber building and its contents were acquired by the US Army Corps of Engineers as part of a flood-control project and moved about five miles to a site nearer the city of Reading, after which ownership was transferred to Berks County and since which time it has served as a unique museum and interpretive center devoted to documenting and explaining the tools, materials, technology, and process of wagon-making. *196 pages. 8-1/2 x 11. Hard cover. Over 300 B&W photos. © 2005.*



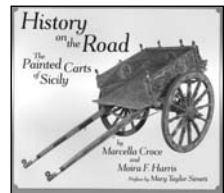
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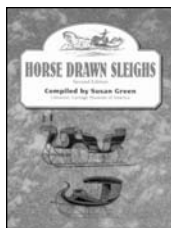
Order Number: VAP275 .....\$49.50

**History on the Road**  
**The Painted Carts of Sicily**  
 Marcella Croce and Moira F. Harris

Discover the history, culture, and use of Sicily's decorated carts (carretti), as well as the generations of artisans who decorated them. This book includes who owned the carts, which museums have the best examples, where to buy them, and over 100 illustrations. *120 pages. 9-1/2 x 8-1/2. Soft cover. © 2006.*



Order Number: PP326 .....\$19.95



## Horse Drawn Sleighs, 2E

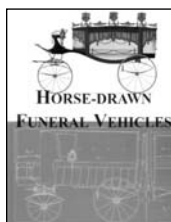
Compiled by Susan Green, Carriage Museum of America

The second edition of *Horse Drawn Sleighs*, is a book of specially selected articles from three of the outstanding carriage journals of the late 19th and early 20th centuries. In this edition, however, there are many more illustrations and more working drawings for builders. There is a glossary of terms for sleighs and sleigh parts, and a new section with essays on early sleighs and sleighing. The book covers almost every imaginable type of sleigh: Albany (or swell-body), Portland cutters, speeding cutters, multi-passenger, box-body, and more. Not only are these various sleighs fully illustrated with detailed line drawings, but full descriptions are given covering dimensions, materials used, trim, and painting details. There are also sections that provide valuable information on sleigh construction, ironing, body design, painting, and trimming. *265 pages. 8-1/2 x 11. Profusely illustrated. Soft cover. © 2003.*

Order Number: AP073 .....\$29.95

*"THE book for anyone wanting information on reconstructing an heirloom sleigh or glimpses of the past."*—Fine Tool Journal

*"Covers nearly every type of sleigh with beautiful illustrations and full descriptions. Compiled from 18th & 19th century carriage journals."*—The Gristmill

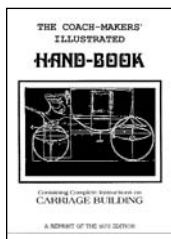


## Horse-Drawn Funeral Vehicles & 19th Century Funerals

Compiled by Susan Green, Carriage Museum of America

This comprehensive treatise on horse-drawn funeral vehicles – hearses, undertakers' wagons, embalmers' wagons, pall-bearers' coaches, and florists' wagons – covers a range of topics from hearse manufacturers to specifications and engineering drawings for the different vehicles. It includes a chronology of hearse design covering all the hearses found in the old trade journals for carriage builders from 1856 to 1909. The book's chapter on florists' wagons includes a section on floral tributes based on a rare book on floral design from 1888. The last part of the book covers 19th century funerals, with separate chapters on military funerals and funerals of U.S. Presidents. *414 pages. 800 B&W illustrations. 8-1/2 x 11 Hard cover. © 2004.*

Order Number: VAP148 .....\$37.00



## The Coachmakers' Illustrated Hand-book

Containing Complete Instructions

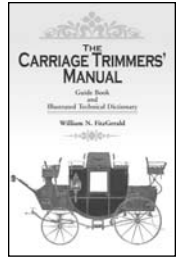
On Carriage Building

This is the classic work on coach building in all its branches, reprinted from the 1875 second edition. Included, among others, are sections on: • drafting, designing, and the construction of the frame and wooden parts; • smithing of the metal, the springs, platforms, axles, wheel hoops, etc., complete with detailed diagrams; • painting, applying designs and ornaments, varnishing, gilding, lettering, trimming; • other miscellaneous interesting and valuable information. Readers will find this a wonderful reference on an early trade that is now enjoying a strong revival. *384 pages. Fully illustrated. 6 x 9. Soft cover. © 1995.*

Order Number: AP611 .....\$29.95

*"Astragal Press has come through again! An important reference source for those interested in the reconstruction of a classic carriage or making one from scratch."*—Blacksmith's Gazette

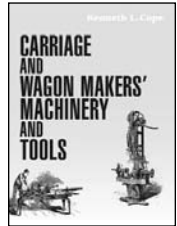
**The Carriage Trimmers' Manual**  
**Guide Book and Illustrated Technical Dictionary**  
 William N. FitzGerald



For curators and carriage collectors, this in-depth and practical book is an invaluable resource that provides descriptive text and illustrations of numerous carriage interiors: from the everyday model to those suited for royalty. The book also describes the complexity of materials—leathers, silks, laces—and range of skills—upholstering, tufting, stitching and binding, welting, fabric selection—required for this branch of the carriage trade. It also includes recipes for cleaning, oiling and blacking leather, polishing metals and restoring ivory, among others. Tool collectors will benefit from the descriptions and illustrations of trimmers' tools such as stuffing sticks, round knives and shears. 400 pages. 6 x 9. Illustrated w/B&W pictures and drawings. Soft cover. © 2007.

Order Number: AP231 .....\$32.95

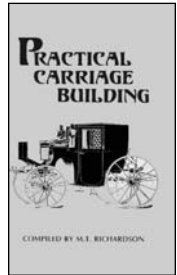
**Carriage and Wagon Makers' Machinery and Tools**  
 Kenneth L. Cope



The use of machinery to replace hand tools began earlier in carriage and wagon building than in other 19th century trades, and lasted longer. It was primarily concerned with wheelmaking, one of the most intricate and time-consuming tasks of the carriage builder. Mr. Cope continues his series with an alphabetic listing of the inventors and builders of American carriage and wagon makers' machinery and tools, and accompanies his descriptions with many illustrations from old catalogs and trade journals, as well as a glossary of terms. 200 pages. 8-1/2 x 11. Fully illustrated. Soft cover. © 2004.

Order Number: AP189 .....\$25.95

**Practical Carriage Building**  
 M.T. Richardson

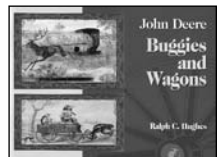


This combined reprint of Volumes 1 and 2 of the 1892 edition is perhaps the most complete and accurate contemporary work on the subject. It covers in great depth, and with many illustrations, the materials and tools used, the making and repairing of wheels, the making of carriage parts and their assembly, framing and construction, axles, yokes, whiffletrees, patterns and layouts, and many other useful and fascinating subjects. All sorts of carriages are discussed: buggies, cabriolets and broughams, phaetons, rock-aways, as well as sleighs and sleds, and express, delivery, and farm wagons. A definitive, easy to follow reference on this early trade. 512 pages. Fully illustrated. 5-1/2 x 8-1/2. Soft cover. © 1992.

Order Number: AP506 .....\$26.95

*"Thanks to Astragal Press, we have a classic back in print with a wealth of information, hundreds of nuggets, or pearls of wisdom. An essential purchase for carriage restorers, wheelwrights and historians alike."*  
 —Blacksmith's Gazette

**John Deere Buggies and Wagons**  
 Ralph C. Hughes



John Deere hand crafted buggies for 25 years and built wood wagons for 50 years. Style, fine workmanship, comfort, and durability were hallmarks of the John Deere buggy, while Deere wagons were known for strength, dependability, and versatility. Author Ralph Hughes sets a nostalgic scene at the turn of the century in this book. Over 80 photographs, including 8 pages of hand-sketched color pictures, help illustrate this story. The 10-page appendix contains prices and specifications for both the buggies and wagons. 64 pages. 11 x 8-1/2. Soft cover. © 1995.

Order Number: VAP269 .....\$13.75

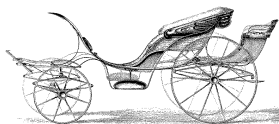


## Springs for Horse-Drawn Vehicles

Susan Green & Don Peloubet, Editors

This the first comprehensive book on the subject of springs for the gears of horse-drawn vehicles—the culmination of years of research through the old trade journals for carriage builders as well as a cross referencing of the material with some 2,009 spring patents issued by the United States Patent Office. The book includes: • reproductions of several classic works on the subject of springs; • some of the historical technology of making the steel; • a history of the various designs; • some of the machinery used; • information on spring manufacturers; and • a glossary and index. *254 pages. Profusely illustrated with B&W drawings and period advertisements. 9 x 12. Soft cover. © 2005.*

Order Number: VAP182.....\$40.00

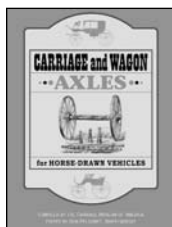


## Working Drawings of Horse-Drawn Vehicles

Carriage Museum of America

Here, for the first time, are almost 120 working drawings of 23 categories of horse-drawn vehicles, taken from the two major trade journals of the 19th century, *The Hub* and *The Carriage Journal*. Included are drawings for broughams, buggies, commercial vehicles, landaus, phaetons, surreys, two-wheelers, wagons, and many more. The drawings, with a full description plus dimensions for springs, wheels, axles and body, are arranged in a loose leaf binder, so they can be easily laid flat or taken out and handled at the drafting board. A treasure trove for those interested in building, restoring or researching early vehicles. *266 pages. 14 x 8-1/2. Hard cover binder. © 1998.*

Order Number: VAP201.....\$55.00



## Carriage and Wagon Axles for Horse-Drawn Vehicles

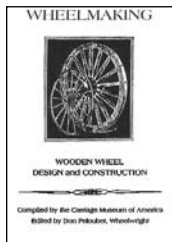
The Carriage Museum of America & Don Peloubet

Axle making techniques blossomed in the second half of the 19th century, following closely the development of wheelmaking. This industry changed from individual handmade wooden axles made by the wheelwright, to iron axles forged by the blacksmith and finally to the lathe-turned axle arms fabricated of iron and steel in factories. Like its companion, *Wheelmaking*, this book is a compilation of articles on axle making taken from late 19th century journals published in America for the carriage industry. Its articles are likewise divided into

ten sections: a general chapter on the development of axle making, followed by sections on axle setting, axle manufacturers, patent axles, ball/roller bearing axles, axle types, lubrications, repair, and tools and equipment. *250 pages. 9 x 12. Profusely illustrated. Soft cover. © 2002.*

Order Number: AP022 .....~~\$20.05~~ Now \$24.95

*"A fine book...The perfect accompaniment to M.T. Richardson's works, Practical Blacksmithing and Practical Carriage Building."*—The Newsletter, Blacksmith's Guide of the Potomac



## Wheelmaking Wooden Wheel Design and Construction

The Carriage Museum of America and Don Peloubet

This book is a compilation of articles on wheelmaking taken from late 19th century journals published in America for the carriage industry. The articles are divided into ten sections: the first is a long overview of wheelmaking technologies of the time, followed by sections on the dishing of wheels, hubs, spokes, felloes and rims, tires, rubber tires, patent wheels, and wheel repair. Taken together, the articles give the reader a full understanding of the fast-moving changes that took place in the wheelmaking industry. *248*

*pages. Profusely illustrated. 9 x 12. Soft cover. © 1996.*

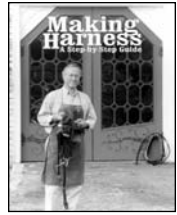
Order Number: AP735 .....\$29.95

*"...a 'must have' book...with wonderful illustrations of 19th century machinery and various other articles throughout."*—Western Canadian Wheelwright's Association

**Making Harness  
A Step-By-Step Guide**

Lewis G. Martin & Daniel S. Preston

Would you like to be able to make professional quality harness for your horse-drawn vehicle? Whether you are new to the craft or an experienced leather worker, this book has everything you need. Each chapter begins with a listing of the harness part to be made and all the hardware needed. Then a step-by-step description of how the part is made and the components assembled follows. The patterns cover six styles of harness in eight different sizes. There is a detailed table of contents and index for quick reference. *480 pages. 8-1/2 x 11. Nearly 1,000 pictures, patterns, and illustrations. Spiral bound soft cover. © 2005.*

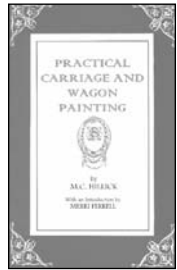


Order Number: VAP204 .....\$58.00

**Practical Carriage and Wagon Painting**

M.C. Hillick, Introduction by Merri M. Ferrell

Collectors who seek instruction on painting and decorating their vehicles can do no better than to read this reprint of M.C. Hillick's book on the subject. The book is divided into 16 chapters, including everything from Buying, Using, and Preserving Brushes, to The Application of Colors to Surfaces and Varnish, to Scroll Painting, Lettering, and Monograms. It is full of beautiful ornaments, lettering and striping—all of great help to the carriage, wagon or sleigh collector/restorer, the sign painter or the graphic artist. *180 pages. Illustrated throughout. 6 x 9. Soft cover. © 1998.*

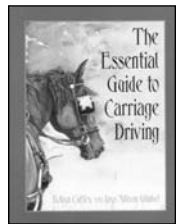


Order Number: AP778.....\$17.95

**The Essential Guide to Carriage Driving**

Robyn Cuffey and Jaye-Allison Winkel

Authors Cuffey and Winkel, have "teamed up" to create a comprehensive manual for the beginning driver and a useful reference for the experienced driver. They begin with an overview of driving as a sport today, then go on to cover advice on selecting horse, harness, and vehicle, step-by-step harnessing and fitting instructions, safety information and basic driving skills. Later chapters cover advanced driving skills, preparing for competition, sleighing, and driving multiples. *155 pages. Over 350 B&W photos and diagrams. 8-1/2 x 11. Soft cover. © 2003.*

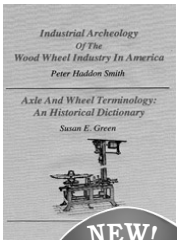


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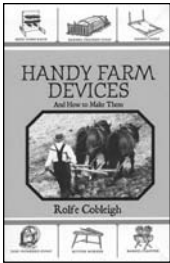
**Industrial Archeology of the Wood Wheel Industry in America & Axle and Wheel Terminology: An Historical Dictionary**

Peter Haddon Smith & Susan E. Green

Smith's book is a study of nineteenth century mass-production mechanization of the wheel industry concentrating on the physical aspects—influences that led to as well as the consequences and results of mechanization. Susan Green has compiled a dictionary illustrating 18th century hand tools and wheel parts to the large 19th power machinery used for making wheels and axles. Includes: 4 CD's of Patents Registered at the United States Patent Office for Axles & Wheels and Making Axles and Wheels and 84 patent drawings of axle gauges, setters and straighteners. *522 pages. 8-1/2 x 11. Hard cover. © 2011.*



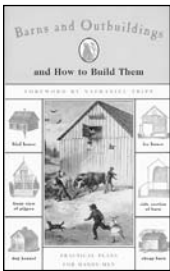
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**Handy Farm Devices  
And How to Make Them**  
Rolfe Cobleigh

Here are hundreds of clever ways to transform your home, farm, or ranch using items around your yard or material readily available at any hardware store or lumberyard. You can build a homemade water cooler, a folding chicken roost, a garden stool, a fruit picker, or even a small, sturdy bridge for crossing a stream on your property. This fully illustrated American classic can make country living easier, more economical, and more fun. *288 pages. 5 x 7-1/2. Soft cover. © 2007.*

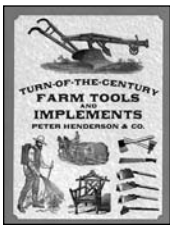
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**Barns and Outbuildings, 2E**  
Rolfe Cobleigh

First published in 1881, this volume presents dozens of examples of barns and outbuildings complete with illustrations, floor plans, and building instructions. The designs include a western cattle barn with covered cattle stalls and feeding apparatus; a portable pigpen with self-closing doors; a corn house and self-feeding corn crib; icehouses; springhouses; granaries; doghouses; and pigeon houses. The reader is instructed in choosing the correct foundation and materials for a particular structure, as well as considering the overall aesthetics of the farm in building placement. *235 pages. 4-1/2 x 7. Over 200 engravings. Soft cover. © 2008.*

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**Turn-of-the-Century Farm Tools  
and Implements**  
Peter Henderson & Co.

Published in 1898, this abundantly illustrated trade catalog advertised tools and other essentials for the turn-of-the-century farm and household. This comprehensive tools and implements catalog with nearly 700 illustrations and descriptive captions includes one-horse disc harrows, a corn sheller with feed table, butter printers, cast-iron field rollers, broadcast seeders, corn harvesters and huskers, root cutters, cider mills, veterinary remedies, and more. An introduction by Victor M. Linoff, offers insight and history on Peter Henderson & Company. *80 pages. 8-3/8 x 11 3/4. Soft cover. © 2002.*

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**The History of Old Time Farm Implement  
Companies and the Wrenches They Issued  
Including Buggy, Silo, Cream Separator,  
Windmill and Gas Engine Companies**  
P.T. Rathbone



Each volume comes with a large hardbound book with over 3000 wrenches from over 750 companies. It has the history of over 500 companies and includes old advertising pictures from them and the softbound supplement that lists the wrenches by number and by company and includes a listing of the prices wrenches have realized at most of the more important wrench auctions the last few years.

Volume I: *520 pages. Hard cover. 176 page supplement. 8-1/2 x 11. © 1999.*  
Order Number: VAP913.....\$65.00

Volume II: *320 pages. Hard cover. 176 page supplement. 8-1/2 x 11. © 2006*  
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**Yesterday's Farm Tools & Equipment**  
 Michael Emery & Irwin Richman

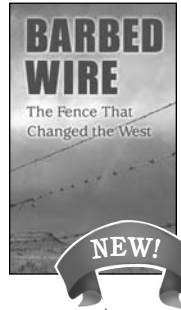
Hundreds of old farm tools and equipment are shown to be echoes of America's past, as farming remains vital to the economy today. Major chapters cover old haying, grains, tobacco, orchards, poultry, dairy, horses and mules in farm practices. Over 600 vintage and modern photos display the amazing variety of gadgets once necessary for farming. These objects are preserved in Lancaster, Pennsylvania, at the Landis Valley Museum, where they help to interpret American farm life of the 18th, 19th, and 20th centuries. *208 Pages. 11 x 8-1/2. Hard cover. © 2010.*



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**Barbed Wire**  
**The Fence**  
**that Changed the West**  
 Joanne S. Liu

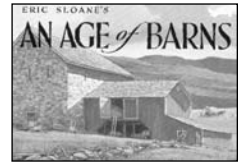
In a style that will capture the interest of adult and teen readers, *Barbed Wire: The Fence That Changed the West* reveals the surprisingly critical role the invention of barbed wire played in the settling of America. From the legal battles over barbed wire patents to the brutal fencing wars that erupted on the frontier and the ultimate end of the open range, author Joanne Liu tells the fascinating story of how a simple twist of wire transformed a country's landscape and ushered in a new way of life. *208 pages. 9 x 6. Soft cover. © 2009.*



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**An Age of Barns**  
**An Illustrated Review of Classic Barn Styles and Construction**  
 Eric Sloane

Eric Sloane was a prolific, American painter, illustrator, and author who published more than 40 books. His book is the classic, folksy, history of barn folklore and architecture. Filled with thousands of fabulous black and white sketches that illustrate all types of American and Canadian barns and everything associated with them, this is a spectacular visual tribute to these historically and architecturally important structures. *94 pages. 9 x 11. B&W line illustrations. Soft cover. © 2001.*

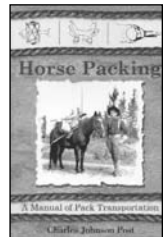


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**A Manual of Pack Transportation**

Horse packing—using horses (and sometimes mules) as a form of conveyance for supplies and goods—was once a cornerstone of human transportation. Filled with precisely drawn illustrations and written instructions on the many types of required hitches, cordage, ropes, splices, and knots, this practical guide expertly covers all aspects of a formerly commonplace skill. It includes fine explanations of general packing rules and background on pack organization; records of endurance; the diseases that can strike pack animals and how to avoid them; cargo slinging; and much more. *208 pages. 5-3/8 x 8-1/4. Soft cover. ©2007 reprint of 1914 version.*



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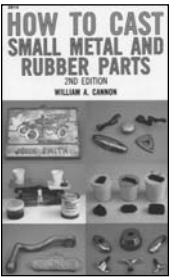


**Making a Copper Weathervane**  
Bruce Helmreich

Using over 290 crisp color images, 25 detailed line drawings, and concise text, this book will guide readers through the steps necessary to build a hand-hammered copper weathervane. Folk art subjects used in American weathervanes are shown, including domesticated and wild animals, occupations, patriotic themes, and transportation. Create your own design or use the complete set of plans included to produce a traditional rooster weathervane. Using basic tools, ageless techniques, and sheet copper available at your local sheet metal shop, you will learn how to make a weathervane that will serve

your roof for years. 160 pages. 8-1/2 x 11. Soft cover. © 2009.

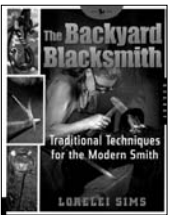
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**How to Cast Small Metal and Rubber Parts, 2E**  
William A. Cannon

Using this excellent sourcebook as a guide, you can easily make high quality, defect-free castings for almost any purpose ... at amazingly low cost! Just some of the countless uses you'll find for this potentially profitable skill ... making obsolete or vintage car parts, hood ornaments, garden and fire-place tools, kitchen utensils, automotive parts, replacing broken antique parts, reproducing sculpture, plaques, and other art ... all kinds of decorative and useful objects for your own use or to sell! You'll learn how to reproduce or create new items of brass, bronze, or other metals ... or almost anything made of rubber. 168 pages. 5 x 8. Soft cover. © 2008.

Order Number: CB9162.....\$14.95

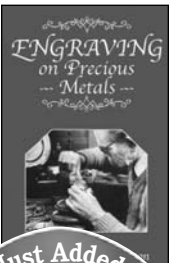


**The Backyard Blacksmith**  
**Traditional Techniques for the Modern Smith**  
Lorelei Sims

With an increasing interest and revival in the art of blacksmithing as a hobby, both men and women are becoming at-home blacksmiths. This book's detailed step-by-step, full-color exercises teach all the universal skills and techniques used to forge iron, like having a master blacksmith by your side. It gives readers an understanding of the properties and characteristics of forging hot metal, making the craft accessible to those with-

out previous experience. There are more than twenty beautiful and functional projects organized by level of difficulty that allow new blacksmiths to progress at their own pace. 176 pages. Hard cover. © 2006.

Order Number: CB9123.....\$24.99



**Engraving On Precious Metals**  
A. Brittain & P. Morton

This book is for professionals and others who wish to learn hand engraving and reveals many previously undisclosed practices of the commercial engraver which help to make his skill quite astonishing. Illustrated throughout, this book gives practical hints for use in the workshop, while artistic matters are covered extensively in chapters on lettering design and layout, monograms, nameplates and ornamentation. A basic knowledge of ancillary crafts can be found and the use of unusual materials such as ivory, wood, or plastic is also discussed. 240 pages. Hardcover. © 2009.

Order Number: VAP290.....\$32.50



## Practical Blacksmithing

Compiled and Edited by M.T. Richardson

M.T. Richardson's four classic books on blacksmithing are back in print in two, easy to handle volumes. Together, these books provide an invaluable basic resource for the modern day practitioner of this ancient craft. The carriage owner or restorer can, with Richardson's help, understand how pieces were originally made and fitted together, and how they can be replicated today. The tool user and collector will relish the discovery of old tools and equipment, some no longer available commercially, or even in current use. Historians and Americana enthusiasts will be able to glimpse the past with a better understanding of the mindset and aesthetics of an earlier time. And the blacksmith, through Richardson's emphasis on technique and craftsmanship, and his straightforward prose and illustrations, will be better able to understand smithing's central processes.



*"Since its initial publication, this book has inspired, challenged and educated several generations of blacksmiths, metalworkers, collectors of old tools, and historians."*—The Anvil's Ring

### Part One (Volumes I and II)

Begins with an account of the tools and equipment of blacksmithing and continues with shop plans, diagrams demonstrating various smithing techniques, and discussions of iron and steel. Finally, there are the detailed, yet simple, practical descriptions of smithing's central processes, including drilling, fullering and swaging. 528 pages. Fully illustrated. 6 x 9. Soft cover. © 1998.

Order Number: AP816 .....\$24.95

*"...one of the very few classical blacksmithing books."*—The Fine Tool Journal

### Part Two (Volumes III and IV)

Guides the reader through descriptions of more of the central smithing processes: welding, brazing, soldering, forging, cutting, bending, setting and tempering. Of particular interest to those working on carriages, it includes information on how to work with carriage irons, wagons, tires, horseshoes, axles and springs...and how to make a bobsled. 608 pages. Fully illustrated. 6 x 9. Soft cover. © 1998.

Order Number: AP824 .....\$27.95

*"This is a must-have book that anyone interested in blacksmithing or collecting blacksmithing tools should definitely have in their library. The tool descriptions and illustrations are excellent...The descriptions of tool usage and technique provide invaluable information."*—SWTCA

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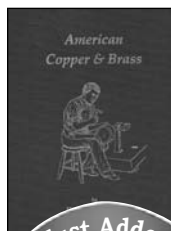
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## American Copper and Brass

Henry J. Kauffman

Teakettles, cooking kettles, pots and pans, warming pans, saucepans, coffee pots, stills, butter churns, mugs, ladles, skimmers, measures, funnels, basins, pumps, glue pots, weathercocks—all items made of copper—are featured in this new reprint. Then there are items made of brass: andirons, bells, gun parts, molds for casting pewter, door knockers, skillets, tomahawks, lancets, jaggging irons, buttons, sundials, clocks, and door locks. 288 pages. 8.5 x 11. Hard cover. ©1995.

Order Number: VAP304 .....\$22.50





**The New Edge of the Anvil**  
**A Resource Book for the Blacksmith**  
 Jack Andrews

With drawings, photographs, and charts, this book describes the forging processes of heating, upsetting, drawing out, forge welding, metallurgy, and toolmaking. It explains the process of design, the use of a computer in metal design, how to set up a business and manage it. Providing an inspiration for all artist-blacksmiths are portfolios of the wrought iron work of Martin Rose and Samuel Yellin, two of America's premier metalworkers of the past. To

further inspire and to show the new focus of blacksmithing in the metal arts, six contemporary metalworkers show a series of demonstration pieces of their iron work. *256 pages. Numerous drawings, charts and photographs. 8 x 10. Soft cover. © 1994.*

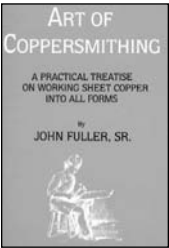
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**Steel- and Toolmaking Strategies and Techniques before 1870**  
 H.G. Brack

This book explores steel- and toolmaking strategies and techniques from early Iron Age, Roman, medieval, and Renaissance metallurgists and toolmakers. Also reviewed are the technological innovations of the Industrial Revolution, the contributions of the English industrial revolutionaries to the evolution of the factory system of mass production with interchangeable parts, and the development of bulk steelmaking processes and alloy steel technologies in the latter half of the 19th century. *150 pages. 8 x 10. Soft cover. © 2008.*

Order Number: VAP909.....\$18.00



**Art of Coppersmithing**  
 John Fuller, Sr.

Written in 1893 by one of the leading practitioners, this book has come to be recognized as the classic work in its field. All aspects of this important craft are covered, from the making of household copper goods and ornaments, to copper piping, three- and four-way expansion joints and double bends, brewery, locomotive, and ship installations—from the simplest, to the most complicated and demanding work. Over 474 illustrations and completely indexed. *352 pages. 6 x 9. Soft cover. © 1993.*

Order Number: AP379 .....\$25.00

*“A classic, practical and easy to follow book on coppersmithing...one of the best practical books for the aspiring tinsmith as well.”*—Blacksmith’s Gazette



**Gas Burners for Forges, Furnaces, & Kilns**  
 Michael Porter

This is a do-it-yourself-er’s dream book, showing beginners how to make highly efficient gas burners inexpensively. Burners featured are small enough to be used for a jewelry torch or large enough to heat any ceramic kiln. Also described is a blacksmith’s forge that can be carried anywhere and stored under a workbench; a portable metal melting furnace; a portable farrier’s forge; a portable glass furnace/glory hole; and a mobile hot-work station that aids in combining several crafts. The burners and equipment provide an inexpensive way to get started in blacksmithing, foundry work, ceramics, or glasswork. General information and specific designs are given,

enabling the craftsperson to build equipment tailored to their own desires. *216 pages. 111 illustrations by the author. 7-1/2 x 9-1/2. Soft cover. © 2004.*

Order Number: AP-SJ203 .....\$19.95

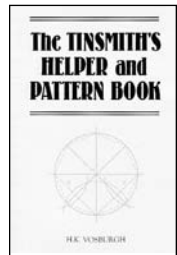
**Blacksmithing**  
**Basics for the Homestead**  
 Joe DeLaRonde



Through detailed but easy-to-understand instructions, Illustrations, and photographs, this book teaches the basic skills of forging. Here is all the information you need to create artistic yet functional iron hardware and accoutrements for home and ranch. Some of the projects include: pokers, shovels, tongs, hooks, knives, axes, chain links, nails, hinges, latches and much more. *136 pages. 8 x 9. full color photos & B&W line drawings. Soft cover. © 2008.*

Order Number: VAP903 .....\$14.99

**The Tinsmith's Helper and Pattern Book**  
**With Useful Rules, Diagrams and Tables**  
 H. K. Vosburgh

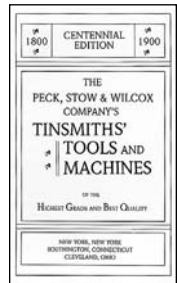


This is a reprint of the 1910 revised edition of the classic handbook first published in 1879. It contains 53 diagrams and patterns covering a wide variety of products and layouts, each fully explained. There is also an extensive appendix that gives tables, rules, and practical recipes that continue to be of great interest to contemporary tinsmiths. A clear, concise and practical handbook that will prove most valuable to anyone engaged in, or with an interest in, tinsmithing. *120 pages. 6 x 9. Soft cover. © 1994.*

Order Number: AP565 .....\$13.50

*"A goldmine of geometrical patterns...highly recommended for anyone interested in the subject."*—The Fine Tool Journal

**Peck, Stow & Wilcox Co.**  
**1900 Centennial Catalog of Tinsmith's Tools and Machines**



Peck, Stow & Wilcox was probably the foremost manufacturer of tinsmith's tools and machines in the world. This reprint of its 1900 centennial catalog was designed to reflect this. Every imaginable piece of equipment from formers and stakes to double seamers, folding and wiring machines are listed, described and illustrated. *144 pages. Approximately 300 illustrations. 6 x 9-1/4. Soft cover. © 1993.*

Order Number: AP387 .....\$14.95 Now \$12.50

**From Forge & Anvil**  
 Candace Leslie and Diane Hopkins-Hughs



This is the story of one of smithing's most accomplished, yet little-known, artisans. Writer Candace Leslie and photographer Diane Hopkins-Hughs have restored Erich Riesel to his proper place in the pantheon of iron-work artists. The first part of the book tells the story of Riesel's life, and provides a fascinating description of Riesel's creative process, from discussing how he got his ideas (dreaming was important), through a step-by-step discussion of the construction of an artwork in iron. The second part of the book is devoted to Hopkins-Hughs' black and white photographs. In these, she manages to harmonize her work with Riesel's. From massive ranch gates to airy railings to intricate chandeliers, Riesel turned out—and Hopkins-Hughs captures—masterpiece after masterpiece in wrought iron, creating a legacy that still endures. *96 pages. 9 x 10. 70 B&W art photos. Soft cover. © 2000.*

Order Number: AP913 .....\$24.95 Now \$17.95

*"...a fine, empathic view into [Riesel's] world."*—Anvil's Ring



**Professional Smithing, 2E**  
Donald Streeter

*Professional Smithing* has long been unavailable and a collector's item; this eagerly awaited reprint completely reproduces the original edition. Traditional smithing techniques are presented in clear, step-by-step text and photographs, enabling the reader to produce high-quality, hand-forged small iron work. Included are detailed descriptions of work space layout, specialized tools and techniques, whitemithing, toolmaking, and lock-smithing. Mr. Streeter demonstrates not only how things are done, but how they can best be done by others. There is special emphasis on the crafting

of early high-quality, handforged kitchen utensils, fireplace tools, locks, keys, decorative ironware, and more. 144 pages. 257 illustrations. 8-1/2 x 11. Soft cover. © 1995.

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**INCLUDES UPDATED SUPPLIER LIST AND HISTORICAL PHOTOGRAPHS!**

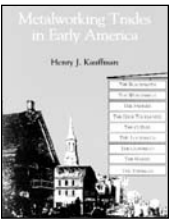
"This treasure chest is meant to be enjoyed by those who appreciate fine ironwork." –Anvil Magazine  
 "...[a] well written and photographically detailed book...whether you are a professional smith or an avid hobbyist, *Professional Smithing* offers something for a blacksmith's bookshelf." –The Hammers' Blow



**Blacksmithing Projects**  
Percy W. Blandford

24 projects for novices and experts include door latches, garden tools, tables, fences, weather vanes, and more. A book of ideas and suggestions, rather than an instruction manual, this volume features 80 figures and includes lists of materials, step-by-step instructions, and suggestions for variations in design. 144 pages. Soft cover. © 1988.

Order Number: VAP919 .....\$12.95



**Metalworking Trades In Early America**  
Henry J. Kauffman

This reprint of Kauffman's *Early American Ironware* is a fascinating and informative survey of the metalworking trades in early America. Each is covered with its own separate chapter: the blacksmith, whitemith, edgetool maker, cutler, locksmith, wheelwright, gunsmith, nailer, and tinsmith. Introductory chapters describe and explain the blast furnace, forge, and iron foundry, processes that provided the raw material for the early metal trades. Quoting extensively from contemporary sources, Mr. Kauffman describes not only what was made, but also how it was made. 168 pages. 8-1/2 x 11. 210 illustrations. Soft cover. © 1995.

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"An excellent overview for both collectors & artisans who wish to view articles for reproduction." – Anvil's Ring



**Samuel Yellin Metalworker**  
Jack Andrews

"I love iron. It is the stuff of which the frame of the earth is made. And you can make it say anything you will. It eloquently responds to the hand, at the bidding of the imagination. When I go to rest at night, I can hardly sleep because my mind is aswarm with visions of all the gates and grilles and locks and keys I want to do. I verily believe I shall take my hammer with me when I go to the gate of heaven. If I am denied admission, I shall fashion my own key." –Samuel Yellin's thoughts on wrought iron. 144 pages. 8-1/2 x 11. Soft cover. © 2011.

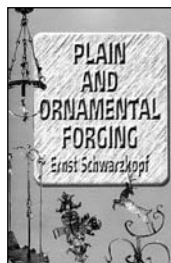
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**Back in Print!**

## Plain and Ornamental Forging

Ernst Schwarzkopf

Called a "bible" of the trade by many because of its wonderful "teaching quality," *Plain and Ornamental Forging* has been used by generations of blacksmiths as the seminal text on forging. Designed primarily to assist the beginner in learning both the theory and practice of forge work through self-instruction, the chapters on advanced forging and art forging provide directions for more difficult types of work suitable for the skilled blacksmith. The book has excellent sections on tool manipulation, tool-smithing, basic exercises and ornamental work, including the forming of flowers. There is the added bonus of a section on repoussé, which is rare in books on forging, especially those printed in English. Throughout, Schwarzkopf stresses the importance of learning solid fundamentals and proper tooling, as well as the proper mind set. 296 pages. 5 x 7-3/4. B&W illustrations throughout. Soft cover. © 2000.



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"...a thoroughly comprehensive book with the ring of authenticity." – Treasure Chest

"Thanks to Astragal Press we have a classic back in print." – Anvil Magazine

## A Blacksmithing Primer, 2E A Course in Basic & Intermediate Blacksmithing

Randy McDaniel

Virtually every task beginning and intermediate blacksmiths must master is presented in this excellent book. Over 400 detailed drawings help increase comprehension levels. This is a reference manual that will be found on the workbench more often than on the bookshelf and is highly recommended to anyone swinging a hammer to shape hot metal. This is an excellent introduction to this glorious craft and an excellent resource for advancing your knowledge, skills, and vision for blacksmithing. 184 pages. Over 400 line drawings. 8 x 10. Soft cover. © 2004.



Order Number: CB1776.....\$25.00

## A Blacksmithing Primer DVD

The author of the indispensable reference book appears in these videos, teaching the standard techniques that all blacksmiths must know to master the craft. This is a must-have for every blacksmith's video library! 6 hours. 3 DVD's. © 2004.

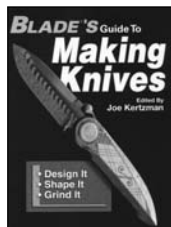


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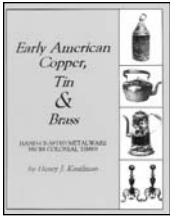
## Blade's Guide to Making Knives

Joe Kertzman

The world's finest knifemakers learned to ply their trade through trial and error. They honed their skills with blood, sweat and tear. Never before has there been a fully illustrated, all-color, step-by-step book on how to make knives ... until now! And, as a bonus, two chapters are dedicated to sword and tomahawk making. Seeing is believing, and with over 400 step-by-step illustrations guiding you along the way to making your first or finest knife, this book is a must-have for any knife enthusiast's library. 160 pages. 8-1/2 x 11. Soft cover. © 2005



Order Number: CB2685.....\$26.99



**Early American Copper, Tin and Brass**  
**Handcrafted Metalware From Colonial Times**  
 Henry J. Kauffman

This is the fascinating story of how these important early products were made and used, ranging from the simple tin pot to an elaborate brass chandelier. The book covers items used in the kitchen, living room, and bedroom: sconces, lanterns, trays, candle molds, candlesticks, andirons, ladles, bed warmers, braziers, stills, kettles, pans, and a multitude of other objects. 107 pages. 8-1/2 x 11. Fully illustrated. Soft cover. © 1995.

Order Number: AP62X .....\$19.95

*"The outstanding photographs alone are well worth the book's purchase."*—The Fine Tool Journal  
*"Both collectors and artisans will find this title of particular value."*—Anvil's Ring



**The Colonial Silversmith**  
**His Techniques and His Products**  
 Henry J. Kauffman

In Colonial America, silversmiths produced objects of great merit, crafting everyday articles with care and skill. The products of the colonial period are well known, but there is little authoritative research on the actual techniques of the silversmith. Henry J. Kauffman fills the gap with this study. He describes the tools and the methods used by these colonial artisans. Photographs of the finished products, together with detailed illustrations of the step-by-step fabrication of individual objects, supplement the text. 176 pages. 136 illustrations. 7 x 10. Soft cover. © 1995.

Order Number: AP654 .....~~\$22.95~~ Now \$17.95

*"Anything by Kauffman is a treasure trove of information!...A detailed and informative treatment for all aspects of the silversmith's trade, there is truly a wealth of information within the confines of a single cover."*—Blacksmith's Gazette



**The American Pewterer**  
**His Techniques & His Products**  
 Henry J. Kauffman

Long considered one of the most authoritative and useful books on the subject. Not only does the book survey the history and the development of these historic products, from functional buttons and spoons to the more sophisticated candlesticks, tankards, coffee- and teapots, but it describes and illustrates, step-by-step, how these products were made. Many excellent photographs of the objects described are also included. The book will be of great interest to collectors, artisans, and students of the subject. 132 pages. Fully illustrated. 7 x 10. Soft cover. © 1994.

Order Number: AP530 .....\$22.95

*"An extensive introduction concerning the early history of colonial American pewter production ... followed by an excellent photojournalistic overview of pewter items."*—The Fine Tool Journal



**Shop Drawings for Blacksmiths**  
 Jerry Hoffman

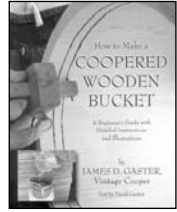
This collection of 167 vector drawings, distilled from the *Blacksmith's Journal*, provides scale line drawings of everything from tools & equipment to interior & exterior architectural items. *Shop Drawings for Blacksmiths* is a design book that can also be used as a quick reference guide for project ideas and techniques by blacksmiths, fabricators, architects, and designers, or those simply interested in the art of blacksmithing. You probably don't have anything like it in your blacksmithing library. We think you'll find it to be a unique addition. 182 pages. 8 x 10. Soft cover. © 2005.

Order Number: CB9137 .....\$20.00

**How to Make a Coopered Wooden Bucket**

James D. Gaster, Vintage Cooper, text by David Gasten

James Gaster guides you through the construction of an historically authentic wooden stave bucket, explaining the terms and tools used. The instructions are tailored to the hand tools available to today's woodworkers and are accompanied by detailed illustrations. Chapters include: Tools & Materials Needed, Selecting Wood, Shaping & Binding, Smoothing the Outside of the Bucket, How to Care for Your Bucket and more. Mr. Gaster's handcrafted items can be seen in the Smithsonian Institute, the White House Visitors Center, and numerous living history museums. *90 pages. 8 x 9. B&W photographs and drawings throughout. Soft cover. © 2004.*



Order Number: VAP151 .....\$16.00

**How to Make a Coopered Wooden Bucket DVD**

Marilyn Gaster, James Gaster, Jeremy Gaster

*64 minutes, 1 DVD, © 2010.*



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**The Cooper and His Trade**

Kenneth Kilby

This is the first book on coopering by a cooper. Kilby was born into a family of coopers and was apprenticed to the trade. The first part of the book, partly biographical, deals with the materials, tools and techniques of coopering, discussing the roles of the white cooper, the dry cooper and the various kinds of wet cooper. The second part of the book deals with the social history of the trade. *192 pages. 6 x 9. Fully illustrated with 56 pages of plates and 87 drawings. Soft cover. © 1990.*



Order Number: VAP130 .....\$21.95

**Wheelwrighting**

Bruce & Joyce Morrison

A thorough "how to" book on wheelwrighting. It begins with an introduction to the trade and basic materials as well as the tools and terminology wheelwrights use. Subsequent chapters follow the progressive steps in wheel construction. A large number of appendices provide additional information on where to find wheelwright training, reference information for wheelwrights, measured drawings for building wheelwright tools, as well as technical sections. *380 pages. 8-1/2 x 11. 147 drawings. Soft cover. Spiral bound. © 2002.*



Order Number: VAP195.....\$46.50



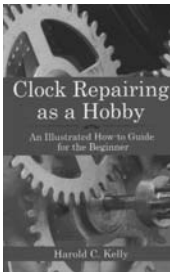
**Tales From the Blue Ox**  
**A Hands-On Manual of Traditional Skills**  
**from the Blue Ox Millworks Historic Park**  
 Dan Brett

*Tales From the Blue Ox* marks the first attempt to tell the story of the Blue Ox in its entirety, while sharing the skills that have been kept alive there. Starting with a tale of the Victorian craftsmanship that inspired it all, subsequent chapters elaborate on specific crafts and skills practiced at the Blue Ox. Also included are dozens of formulas for homemade paints, varnishes, glues, and

other concoctions useful to artisans and craftsmen alike. *Tales From the Blue Ox* is a source of both information and inspiration for anyone interested in the traditional arts and/or the golden age of craftsmanship: the Victorian Era. 232 pages. 8-1/2 x 11. Soft cover. 300 Illustrations throughout. © 2004.

Order Number: AP162 .....\$29.95

*“...that rare combination: a ‘history of’ and ‘how to’ book that manages to be both informative and entertaining. A wonderful teaching tool for those who want to learn, and preserve, the traditional techniques of doing custom woodwork (without contemporary tools or machines), using the same simple tools and materials that artisans have used for centuries.” – Beti Trauth, Humboldt Beacon*



**Clock Repairing as a Hobby**  
**An Illustrated How-To Guide for the Beginner**  
 Harold C. Kelly

All the precise and delicate gears and levers in a clock can appear dizzying to the amateur, but this guide, with its wonderfully detailed diagrams, can clear things up even for the beginner. Besides covering the theory behind clock movements and design, including particulars of escapements, pendulums, and balance wheels, it also provides the sheet music for popular chimes. The in-depth information—with explanations of clock repair terminology and details on tools, materials, and supplies needed for success—will benefit even skilled enthusiasts 128 pages. 5-1/2 x 8-1/2. Soft cover. © 2007.

Order Number: VAP249.....\$12.95



**Homemade Contrivances and How to Make Them**  
**1001 Labor-Saving Devices for Farm, Garden, Dairy, and Workshop**

The traditional American devices contained in this intriguing compilation date from an era long before milking machines, pesticide sprayers, and industrial hay bailers. Yet the simple inventions described for doing everything from managing young bulls to protecting drain outlets can be just as useful for today's farmer as they were for the homesteaders of over a century ago. Discover how to make such items as a movable nest for hens, a ribless boat, a contraption to extricate a mired animal, a farm cart with adjustable racks for larger loads, a wire fence tightener, a fruit picker, a grindstone set and frame, and much more. This book is a boon for the rancher, farmer, or anyone who loves the rural life. 640 pages. 6 x 9. Soft cover. ©2007 reprint of 1897 version.

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**Early Logging Tools**

Kevin Johnson

Over 330 clear color photos display the wide array of equipment once used to log high timber that are now eminently collectible, including axes, saws, filing tools, springboards, oil bottles, undercutters, wedges, marlin spikes, drag saws, and venerable chainsaws. Historical photos display towering giants of old growth forests where loggers toiled decades ago. An informative text provides useful information on cleaning and preserving the antique logging tools, descriptions of them, values, and a bibliography. This book will be treasured by all who share a fascination for logging as it was done by the lumberjack, buckser, and high climber. *160 pages. 8 1/2 x 11. Soft cover. 333 color & 12 b/w photos. © 2007.*



Order Number: VAP900.....\$29.95

**This Was Logging**

Ralph W. Andrews

Over 200 fine photographs have been reproduced, chosen from over 8,000 11" x 14" wet plates taken between 1890 and 1925 by Darius Kinsey. These graphically depict logging during the heyday of the great Pacific Northwest woods. Shown in sharp detail are the axes, the 12-foot crosscut saws, the oxen, horses and donkey engines, the high steel tower skidders, the geared locomotives and great hand-built trestles, incline railways, camps, cook-houses, and settlers' homesteads. And not least, there are the men at work and "getting their picture took"—the bull skimmers, skid greasers, high climbers, donkey punchers. *157 pages. 8 x 10-1/2. Soft cover. © 1997.*



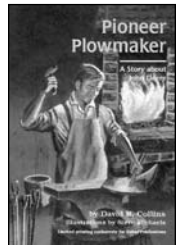
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**Pioneer Plowmaker**

A Story About John Deere

David R. Collins

The moist soil of the Midwest stopped any plow used by sticking to the blade. The farmers thought a plow that could clean itself just couldn't be made. John Deere, the young blacksmith, had not let impossibility and disaster stop him before, and he wasn't about to now. Deere built a self-scouring plow, and with this small start, he founded the famous farm implement company—Deere & Company. This lively and accurate text presents this hardworking, idealistic man whose steel plow opened up some of the world's richest farmland. A story sure to inspire any reader. *64 pages. Grades 3-Adult. 6 x 9. Soft cover. © 1990.*



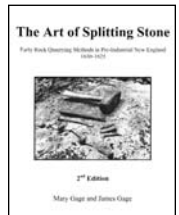
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**The Art of Splitting Stone**

**Early Rock Quarrying Methods in Pre-Industrial New England 1630-1825**

Mary Gage and James Gage

The Art of Splitting Stone is a detailed study of the history, tools, and methods used to split, hoist, and transport quarried stone in pre-industrial New England (1630-1825). It is an invaluable resource for historians, archaeologists, and stone masons interested in identifying, dating, or experimenting with early stone splitting and quarrying methods. The amateur researcher and avid outdoors person will find the book useful as a field guide to identifying split boulders and stone quarries abandoned in the woods. *88 pages. 8-1/2 x 11. Soft cover. © 2005.*



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The History of the  
**First Locomotives in America**  
 William H. Brown

*The History of the First Locomotives in America* provides a rare, insightful look at life for those who witnessed the advent of the steam locomotive. Originally published in 1874, it was written from the perspective of those who lived during the development of this “great mechanical blessing” and evokes the spirit of the 19th century as seldom experienced in other historical works. Narrated through first-hand accounts – from the traveler to engineer, private citizen to political activist – this book explores the locomotive’s evolutionary development. It traces its early struggles for acceptance, problems and advances, great debates (train vs. canal), competitions, earliest railroads, experimental locomotives, and first trains, such as the “Tom Thumb,” all beautifully written in period vernacular. *304 pages. 6 x 9. Illustrations throughout. Soft cover. © 2003.*

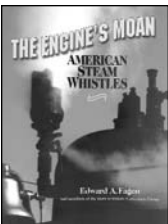
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**Modern Steam Engines**  
 Joshua Rose

Joshua Rose was a mechanical engineer, and his 1887 book is a classic in its field, giving full details of the construction of the modern steam engines of his day, and illustrating their operation with clear and understandable drawings. Filled with fascinating engravings, this book features simple explanations about the operations of various valves, valve motions, link motions, and much more. This is truly a book no steam enthusiast should be without. *322 pages. 8-1/2 x 11. Over 300 line art illustrations. Soft cover. © 2003.*

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**The Engine’s Moan**  
**American Steam Whistles**  
 Edward A. Fagen

Here, Ed Fagen, one of the nation’s foremost authorities on steam whistles has provided a broadly researched, eloquently written and marvelously witty book, the first and only one on the subject. It includes chapters on: • the history of the steam whistle; • various uses of steam whistles; • whistle manufacturers, their histories and their product lines (including how to identify and date whistles, as well as an extensive discussion on the relative rarity of whistle types); • how to acquire, organize, and preserve a whistle collection; • how to repair and restore steam whistles; • how to blow steam whistles on steam or compressed air; • how a steam whistle actually works. Also included are an illustrated glossary of whistle terms, an illustrated review of the major whistle-related U.S. design patents, and a comprehensive index. *277 pages. 8-1/2 x 11. Fully illustrated w/8 page color insert. Soft cover. © 2002.*

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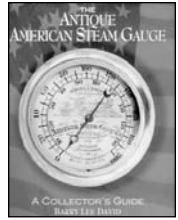
*“A rich compilation that will capture the soul of anyone who has heard the bewitching echoes of the voice of the locomotive. . . a must for anyone who is a live steam buff, collector, hobbyist, historian or railfan.” – Live Steam*

*“A quirky blend of high-level scholarship, antiques guide and shop manual, all held together with an extraordinarily high level of writing seldom seen in railroad literature. [It is] one of the most overdue books in industrial archeology, with a great deal to recommend it to the railfan as well.” – Raiffan and Railroad*

**The Antique American Steam Gauge  
A Collector's Guide**

Barry Lee David

The age of steam engines brought with it the ever-present possibilities of horrendous explosions. It was no surprise, then, that around the middle of the 19th century, the steam gauge made its appearance. Steam gauges were used everywhere, in great numbers and varieties. Mr. David provides an enormous amount of information in this book that helps the collector learn about his gauge: when it was made, what job it was designed to do, how it did this job, who made it, and for what company it was made. There are chapters on The Gauge Makers, Discovery, Cleaning and Restoring Steam Gauges, Railroad Gauges, Fire Engine Gauges, Portable and Traction Engine Gauges, Marine Gauges, Press Gauges, Gauge Appliances and Recorders, and Gauge Patents. There is also a section with color pictures as well as a Bibliography and Index. *304 pages. 8-1/2 x 11. B&W pictures plus color insert. Soft cover. © 2003.*



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*"The author has gone a long way towards making up for the dearth of information available about American steam gauges."* – Maine Antique Digest

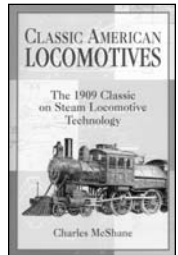
*"Even if you don't care a hoot about gauges, you will after reading the author's stories about gauge makers and companies."* – The Gristmill

**Classic American Locomotives**

**The 1909 Classic on Steam Locomotive Technology**

Charles McShane

This is the 1909 classic reference work detailing steam locomotive technology. Within its pages are impressive and expertly detailed descriptions of how the steam engine of a locomotive was constructed, including an informative exploration of the workings of every part ranging from slide valves and steam injectors, to lubricators, pressure gauges, pneumatic brakes and more. Every single aspect of locomotive construction is studied, in considerable but understandable technical depth. This book provides a fascinating and meticulous study of steam locomotives and is recommended for railroading history buffs and anyone who is curious about how a steam powered locomotive works. *711 pages. 6 x 9. Fully illustrated. Soft cover. © 2003.*



Order Number: VAP123.....\$22.95

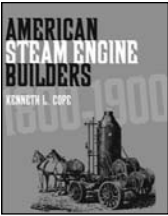
**A Brief History of The Age of Steam  
The Power that Drove the Industrial Revolution**

Thomas Crump

In 1710 an obscure Devon ironmonger, Thomas Newcomen, invented a machine with a pump driven by coal, used to extract water from mines. Over the next two hundred years the steam engine would be at the heart of the industrial revolution that changed the fortunes of nations. Passionately written and insightful, this book explores not just the lives of the great inventors such as Watt, Stephenson, and Brunel but also tells a narrative that reaches from North America to Africa, Asia, and South American. The world changed and the consequences are still being felt today. *320 pages. 7-3/4 x 5. Soft cover. © 2007.*



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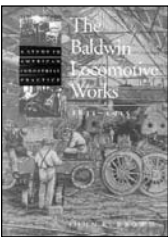
**American Steam Engine Builders 1800-1900**

Kenneth L. Cope

Factories filled with the machinery from the smallest drill presses to giant planers, could not have existed without a reliable and sufficient power source. The steam engine was that source, from the start of the industrial revolution to the general availability of electric power distributed from large, central generating stations in the early 20th century. Smaller size engines, made for farms and small industries such as cheese factories, greatly reduced the manpower required and therefore the cost of the final product to the consumer.

The nearly 1000 illustrations show the development of the steam engine from 1800 to 1900 in a great variety of sizes, styles, and designs. Many designs shown proved impractical and were soon discarded; other designs such as the Corliss engine were made by scores of firms for scores of years. Along with the illustrations is a brief history of the individual maker, chronicling the various engines that each made. *280 pages. 8-1/2 x 11. Soft cover.* © 2006.

Order Number: AP227 .....\$29.95



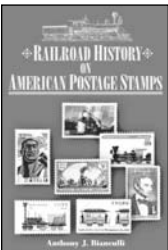
**The Baldwin Locomotive Works 1831-1915**

John K. Brown

The Baldwin Locomotive Works of Philadelphia, largest maker of heavy machinery in Gilded Age America and an important global exporter, built thousands of standard and custom steam locomotives, ranging from narrow gauge 0-4-4 industrial engines to hugeallet compounds. In this monumental and prize-winning study, Brown analyzes the structure of railroad demand; the forces driving continual innovation in locomotive design; Baldwin's management systems, shop-floor skills, and career paths; and the evolution of production methods. Brown delivers an insightful account of the machinery, tools, and operations of making locomotives. Includes

extensive bibliography and full index. *328 pages. 7 x 10. Illustrated in B&W with 82 photos and drawings. Soft cover.* © 1995.

Order Number: VAP111 .....\$23.95



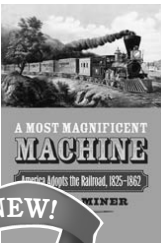
**Railroad History on American Postage Stamps**

Anthony J. Bianculli

Almost 200 stamps depicting railroading highlights including land grants, the completion of the transcontinental railroad, railroad heroes (from John Henry to Casey Jones), and equipment from famous locomotives to workaday freight cars are described in fascinating vignettes. In addition, a major chapter covers railroad issues, labor and the law. There is even a section identifying many famous individuals with surprising railroad associations including Irving Berlin, Nelly Bly, John Wayne, Samuel Clemens, Emily Dickinson, Will Rogers and Cary Grant. Extensively researched by the author, the book treats the reader to a treasure trove of little-known

yet interesting facts that capture the reader's attention from the first page to last. Includes an extensive bibliography and Scott Number index. *280 pages. 6 x 9. Soft cover. Almost 100 B&W stamp images.* © 2004.

Order Number: AP200 .....\$35.00



**A Most Magnificent Machine: America Adopts the Railroad**

Craig Miner

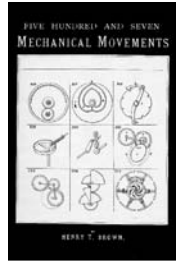
*A Most Magnificent Machine* traces the growth of railroads from their origins in the 1820s to the onset of the Civil War and also examines the cultural, economic, and political aspects. Miner draws on an amazing 400,000 articles from 185 newspapers—plus more than 3,000 books and pamphlets from the era to depict the initial burst of enthusiasm accompanying early railroading as it took shape in various settings across the country. *325 pages. 9 x 6. Jacketed-Hard cover.* © 2010.



Order Number: AP311 .....\$34.95

**Five Hundred and Seven Mechanical Movements**  
Henry T. Brown

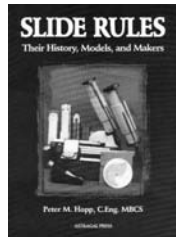
Over five hundred simple mechanical movements from America's first one hundred years of the Industrial Revolution. For those who share an interest in mechanical things, this book is addictive. Through the use of simplified, concise drawings, here are 507 of the small components which make up complex machinery in areas as diverse as C.R. Otis's safety stop for the elevator, Pickering's governor for a steam engine, Arnold's escapement for watches, compound parallel rules, piston rod guides, the grasshopper beam engine and a self recording level for surveyors. The list goes on and on in fascinating variety, with each movement explained and illustrated. 122 pages. 6 x 9. Soft cover. © 1995.



Order Number: AP638 .....\$14.95

**Slide Rules  
Their History, Models, and Makers**  
Peter M. Hopp C. Eng. MBCS.

This book is an invaluable reference on slide rules, their makers, manufacturers, and retailers. Covering the period from the instrument's invention in the early 17th century to the present day, this comprehensive treatise illuminates all aspects of slide rule design and production. The author includes a staggering amount of information, all cross-referenced, on slide rule models and their makers and manufacturers. The book also includes approximately 500 worldwide patents, catalogued by year for dating purposes; descriptions of scales and gauge marks; a section on the care and restoration of slide rules; and much, much more. 316 pages. 8-1/2 x 11. Illustrated. Soft cover. © 1999.

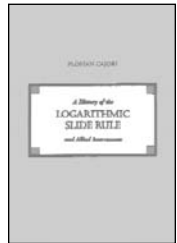


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"A valuable contribution to the slide rule collecting community."—Journal of the Oughtred Society

**A History of the Logarithmic Slide Rule**  
Florian Cajori

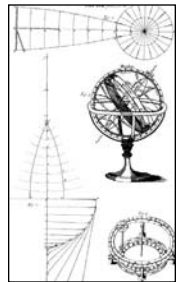
The slide rule, with its many variations has been vital to mathematics and engineering since its invention in the 17th century. Interest in this field has grown dramatically, unfortunately, there has been little information available except for manufacturers' manuals and catalogs, making this reprint of Cajori's classic particularly valuable. Also included with this reprint of the 1910 edition is Cajori's extensive article "On the History of Gunter's Scale and the Slide Rule during the 17th Century," which sets forth his subsequent findings. There is also a helpful explanatory introduction by Dr. Robert K. Otnes, editor of the *Journal of the Oughtred Society*. 178 pages. Illustrated. 6 x 9. Soft cover. © 1994.



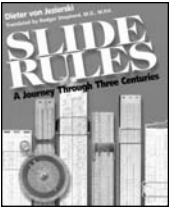
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**The Construction and Principal Uses of Mathematical Instruments, 2E**  
(Reprinted from the 1758 edition)

M. Bion, translated and supplemented by Edmund Stone  
This translation by Edmund Stone of Nicholas Bion's great classic is further enriched by Stone's many additions that both update the original text and expand it to include English instruments and practices. This second edition has become the authoritative text, with its descriptions, illustrations and explanations of all the significant scientific instruments of the mid-18th century. These include drawing instruments, the carpenter's joint-rule, gauging rods, various slide rules, the Gunter scale, sectors, compasses, microscopes, telescopes, quadrants, micrometers, globes, orrerys, sun dials, water clocks, surveying crosses, forestaffs and cross staffs, theodolites, levels, gunnery instruments...and many more. 400 pages. 30 full page plates. 9 x 12. Hard cover. © 1995.



Order Number: AP603 .....\$59.50



**Slide Rules**  
**A Journey Through Three Centuries**  
 Dieter von Jezierski

Originally published in German in 1977 as the first major book on the history of the slide rule since Florian Cajori's *A History of the Logarithmic Slide Rule*, this newly revised and translated edition of *Slide Rules, A Journey Through Three Centuries*, offers readers a fresh, more Continental perspective on this most fascinating of calculating instruments. The book is an important piece of historical and technological research, in which the author includes the history of the slide rule from its beginnings in the 17th century, through its gradual adoption and development worldwide during the 19th and 20th centuries, to its sudden and almost complete demise in the mid-1970s. He also covers the evolution of various slide rule components, technologies, and manufacturing processes, as well as histories of the major slide rule manufacturers and their product lines during the last 100 years. *136 pages. 8-1/2 x 11. Illustrated with B&W drawings and photos. Soft cover. © 2000.*

Order Number: AP948 ..... ~~\$23.50~~ **Now \$19.95**

*"Another valuable addition to the libraries of slide rule collectors and mathematical instrument historians."*—Journal of the Oughtred Society



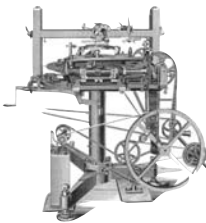
**The Slide Rule, 2E**  
**Simplified, Explained, and Illustrated**  
**for the Mechanical Trades**  
 Robert Riddell (Reprinted from the 1881 edition)

This book, first published in 1881, was written about the use of the first standard slide rule made in the United States: a Mannheim-type slide rule made by the Stephens Co., a major rule manufacturer. Included in Riddell's book, aimed primarily at carpenters and joiners, is a wealth of fascinating instruction on the use of the slide rule in everything from making the calculations necessary for constructing circular porches and spiral stairways, to calculating wages owed or the cost of hauling lumber. Included as well are lovely plates illustrating various geometric and trigonometric calculations used in construction. *88 pages. 7 x 10. Illustrated with line drawings & full page plates. Soft cover. © 2002.*

Order Number: AP030 ..... ~~\$14.95~~ **Now \$11.95**

*"An invaluable reference book for slide rule collectors and woodworkers."*—The Workbench

*"...will be of great interest to today's tool collectors and woodworkers...and is fun to read."*—Gristmill

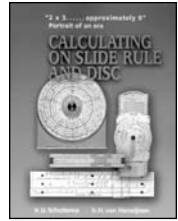


**Berger Handbook 1900**  
**Hand-Book and Illustrated Catalogue of the Engineers'**  
**and Surveyors' Instruments of Precision**  
 C.L. Berger & Sons

The first catalogue issued by this famous Boston instrument maker. More than just an illustrated catalog of its complete line: it is also a handbook for users describing the components of the various instruments, their calibration and their uses. With an introduction by David C. Garcelon. *224 pages. Fully illustrated. 7 x 10. Soft cover. © 1993.*

Order Number: AP336 ..... ~~\$22.95~~ **Now \$18.95**

**Calculating on Slide Rule and Disc**  
**"2 x 3 ... approximately 6" Portrait of an Era**  
 J.J. Schuitema and H. van Herwijnen



Author Schuitema owns one of the largest slide rule collections in the world. In the course of his collecting, he came upon rules that were unknown to him and that excited his curiosity. This book is a compilation of the articles he wrote about these wonderful slide rules, each one made for a specific and unique use, and about the men who designed and manufactured them. Schuitema was fortunate to have as his associate in this enterprise van Herwijnen, who describes himself as a slide rule collector and computer freak. He has compiled a marvelous CD, designed for the PC and included with the book, featuring an enormous number of photographs (in full color and from all sides and angles) of all the rules mentioned in the book, as well as a great many additional ones. The disc can be searched, browsed, its index can be used to take the reader to a particular slide rule maker or to a particular slide rule, and individual pictures can be printed or copied – it is a treasure chest of information. *208 pages. 8-1/2 x 11. Profusely illustrated. Soft cover. © 2003.*

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**Gurley Manual 1874**  
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**Ingenium**  
**Five Machines That Changed the World**  
 Mark Denny

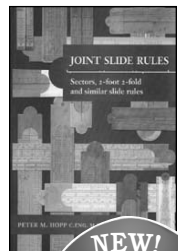
Ingenium is medieval English vernacular for "an ingenious contrivance." In this fascinating book, physicist Mark Denny considers five such contrivances—the bow and arrow, the waterwheel, the counterpoise siege engine (including the trebuchet), the pendulum clock anchor escapement, and the centrifugal governor and demonstrates how they literally changed the world. Interweaving an entertaining narrative with diagrams, equations, and drawings, Denny shares the history of each device, explains the physics behind it, and describes how it was used, how it evolved, and why it is significant in today's world. *200 pages. Illustrated in B&W with 52 half-tones and 23 line drawings. 6-1/4 x 9-1/4. Hard cover. © 2007.*



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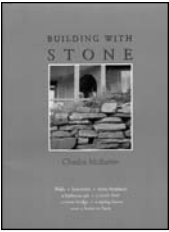
**Joint Slide Rules**  
 Peter M. Hopp

For hundreds of years, the slide rule has been a useful calculating device. In his second book, Joint Slide Rules: Sectors, 2-foot 2-fold and similar slide rules, expert Peter M. Hopp examines the joint rule, completing an important but neglected part of slide rule history. The book is a comprehensive account of joint rules and contains detailed information on over two hundred joint slide rule makers from around the world. *300 pages. 8-1/2 x 11. Soft cover. © 2009.*



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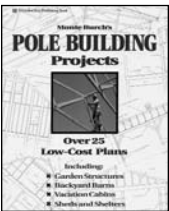




**Building with Stone**  
Charles McRaven

Concrete and steel may weigh as much, but nothing can rival stone for its beauty and durability. This is an introduction to the art and craft of creating stone structures and projects by a man who has made stonework his vocation. A stonebuilder at any level will learn how to evaluate each stone and undertake each step in the procedure with an eye toward aesthetics and useful permanence. In addition to introductory material on acquiring stone and what tools will be necessary, there are chapters with step-by-step instructions on how to build walls, buttresses, stone fireplaces, a barbecue pit, a stone dam, a stone bridge, a spring house, and even a home or barn. The final chapter is on proper restoration techniques for stone structures. *192 pages. 8-1/2 x 11. Soft cover. © 1989.*

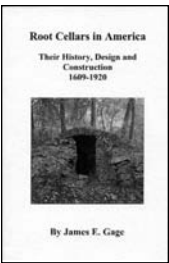
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More than two dozen attractive and practical pole building plans include a wood shed, a lean-to shelter, a two-car garage, a barbecue shelter, backyard barns, and vacation cabins. *208 pages. 8-1/2 x 11. Photographs and illustrations throughout. Soft cover. © 1993.*

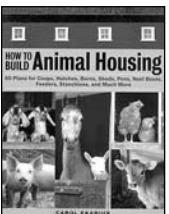
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Carol Ekarius

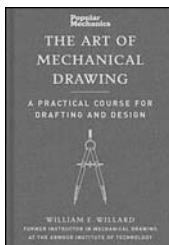
This book helps you evaluate the housing needs of your animals and provides dozens of adaptable plans for sheds, coops, hutches, multi-purpose barns, windbreaks, and shade structures, as well as plans for essential equipment. It begins with careful discussion of animal welfare, behavior, and general safety issues. The detailed plans are supplemented with an entire section dedicated to construction techniques. *262 pages. Soft cover. © 2004*

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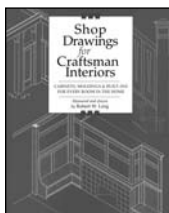
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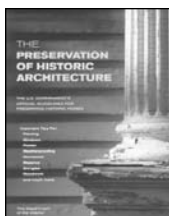
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**The U.S. Government's Official Guidelines for Preserving**  
**Historic Homes**  
 The Department of the Interior

From removing graffiti in Manhattan to rebuilding a hops barn in Oregon, the National Park Service has faced just about every problem an old structure can encounter. Here for the first time is a collection of their hard-won know-how and official guidelines, written by the top experts in their respective fields of preservation. Forty-one illustrated chapters treat each subject with the utmost care and discuss the safest and most historically accurate repairs. Perhaps just as important as the valuable advice on how to undertake various projects, the guide also gives invaluable advice on what not to do—based on years of preservation experience—that can save a homeowner thousands of dollars, hours, and perhaps a priceless piece of architecture. *532 pages. B & W photographs throughout. 8-1/2 x 11. Soft cover. © 2004.*

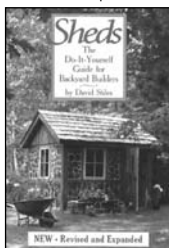
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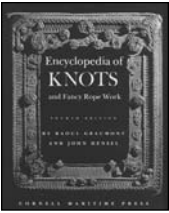


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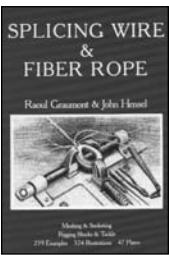




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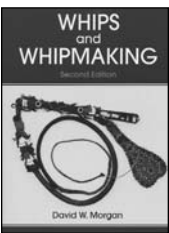
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David W. Morgan

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Robert Steinke

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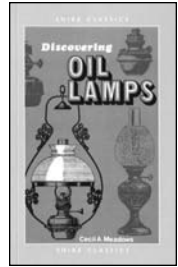


**Discovering Oil Lamps**

Cecil A. Meadows

This book traces the evolution of oil lighting and places on record details of the many fine lamps that served our forebears so well. A great many of these lamps survive today, though much of the knowledge about them has disappeared. Whether the reader is a collector, a seller of lamps, or is just interested in this fascinating subject, this book will help to fill some of the gaps in their knowledge of oil lighting. *48 pages. 4-1/2 x 6-3/4 Soft cover. © 2008.*

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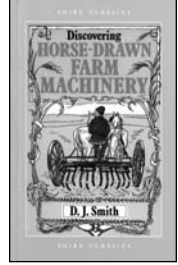


**Discovering Horse-Drawn Farm Machinery**

D.J. Smith

During the Agricultural Revolution, horses were used for many agricultural tasks. Following the Industrial Revolution the ingenuity of Victorian manufacturers produced an enormous range of horse-drawn agricultural machinery—ploughs, grubbers, cultivators, harrows, rollers, drills, reapers, binders, root lifters, manure spreaders, rakes, and many other types—which continued in use until the tractor replaced the horse around the 1930s. This book describes these machines and includes drawings and photographs of many of them. *96 pages, 4-1/2 x 6-3/4 Soft cover. © 2008.*

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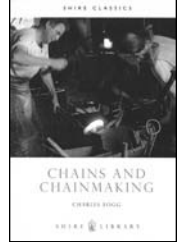


**Chains and Chainmaking**

Charles Fogg

The area of England known as the Black Country has a rich heritage in the chain trade due to its plentiful resources of coal and iron. In the nineteenth century thousands of tons of chain were hand-made here each week. This book explores the long history and gruelling methods of chain production and delves into the experiences of the men, women and children who spent their lives slaving over dangerous furnaces to produce many varieties and sizes of chain. *32 pages. 5-7/8 x 8-1/4. Soft cover. © 2008.*

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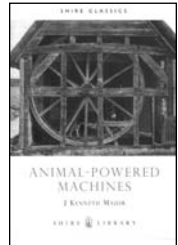


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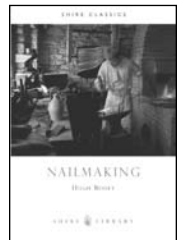


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