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IN YOUR WORKSHOP

3D-PRINTERS - A BEGINNER'S GUIDE

by Oliver Bothmann

This book shows you the practice of 3D-printing at home. It gives the reader overview of the basics of this technique and the hardware and software you need is described, and tips and tricks for the practical application of 3D-printing are given. **£9.95 (D)**



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by A H Sandy

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by Alexander du Pré

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METAL SPINNING \$

First published in 1963 for the commercial metal spinner this is one of the very few books on the subject and contains much useful knowledge for the amateur. It covers construction of a varied range of objects and the information therein can be applied with modification to many projects in the model engineer's world. **£4.95 (B)**

METAL TURNERS HANDYBOOK \$

by Paul N. Hasluck

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METAL WORKER'S DATA BOOK

Workshop Practice Series No. 42

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by Stan Bray

This detailed book covers different types of milling machine and describes milling techniques with the aid of photographs and drawings. Includes much advice and warnings of potential pitfalls, a perfect companion for the amateur engineer who wishes to become better acquainted with this vital skill. **£14.99 (D)**

MILLING by D A Clarke

If the lathe is King, the modern vertical miller is certainly its equal. This book is a real gem as it covers every aspect of milling with numerous colour photographs and line drawings. Even 'old hands' will find something new in this book, I certainly did. For any newcomer to the art of vertical milling it is essential reading and a worthy addition to any bookshelf **£14.99 (E)**

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This book deals with the process of choosing and using a milling machine and its accessories. In addition to the machine itself, the accessories include the cutters, cutter chucks, workpiece clamps, vices, angle plates, dividing heads, rotary tables, boring heads and other minor items. The usage of each machine and accessory is described in sufficient detail for the vast majority of uses that will surface in the home workshop. **£7.95 (C)**

MODEL ENGINEERING — A FOUNDATION COURSE by Peter Wright

Covers all the basic techniques of model engineering; understanding engineering drawings, setting up a workshop, buying materials, marking out, sawing, filing, bending and forming metals, drilling and boring holes and sharpening of lathe tools. A chapter is dedicated to the adaptation of the lathe for milling and boring. **£16.95 (E)**

MODEL ENGINEERS HANDBOOK by Tubal Cain

A complete guide to all aspects of model engineering, packed with useful illustrations and photographs. Conversion and mathematical tables are explained. A 'bible' full of facts and an essential part of any workshop. New revised edition. **£9.95 (C)**

THE MODEL ENGINEERS HANDYBOOK S by P. Hasluck

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MODEL ENGINEERS WORKSHOP MANUAL by George Thomas, edited by W. A. Bennett

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Graham's articles in Engineering in Miniature proved extremely popular and this first volume brings together thirteen projects: A Boring and Facing Head, The Myford Super 7 Screwcutting Clutch, or Screwcutting Simplified, Lever Operated Tailstock Attachment for an Emco Unimat 4 or Compact 5, A Parts Backstop for the Maximat Lathe, A Simplified Retracting Toolholder for Screwcutting, Emco FB2 Spindle Lock, 4 Tool Turrets, Cams Made Easy, A Vernier Scale and Feedscrew Lock for an Emco Maximat Lathe, Slotting Attachment, 100 and 150mm Micrometer Height Gauges, A Handwheel Dial for Myford Series 7 Lathes, Milling Arbor and Over Arm Support for an Emco FB2. **£13.95 (C)**

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Well illustrated teaching book with full drawings and instructions to help students with basic metalwork. Nine projects including plant stand, name plate, folding stool and jet boat. **£15.50 (D)**

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TOOLMAKING HINTS AND TIPS S by R. Hutcheson

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TOOLROOM PRACTICE — PLAIN SURFACES & STRAIGHT EDGES S

A useful booklet in which plane surfaces and straight edges, which are essential to almost all precise mechanical work, are discussed, and the methods of producing and testing such surfaces are described. Features scraping and lapping to achieve the required finish. **£3.95 (B)**

UNIMAT III LATHE ACCESSORIES by Bob Loader

Workshop Practice Series No. 32
This author has become an acknowledged authority on the popular Unimat mini-lathe and the projects in this book increase the scope of the machine and advise on the performance of a number of tricky operations. **£7.95 (C)**

USEFUL WORKSHOP TOOLS by Stan Bray Workshop Practice Series No. 31

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WORKSHOP MATERIALS by Alex Weiss

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A guide to the many materials used by model engineers in their workshops, packed full of useful information providing the easy reference to finding the right material for a task or an item specified on a technical plan. **£7.95 (C)**

WORKSHOP PROJECTS by Dyson Watkins

This publication contains drawings and building instructions for no less than twelve items of very useful workshop equipment. All but one of these have been described, in a different format, in the magazine Model Engineers Workshop, and have been lightly revised for this book. Two of the items are for general use in the workshop, nine are for lathe accessories, and the last is a very neat wood turning lathe. **£4.95 (D)**

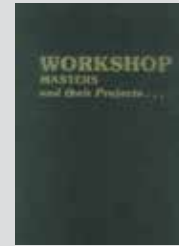
WORKSHOP TECHNIQUES by George H. Thomas

A companion volume to the author's Model Engineers Workshop Manual, this book is a combined work comprising Building the Universal Pillar Tool and Dividing & Graduating, fully revised and updated and including new photographs and drawings. Over 300 pages, 200 illustrations & 300 drawings. **£29.95 (E)**

WORKSHOP WRINKLES AND RECIPES \$ by P. Marshall

First published many years ago, this booklet contains a vast number of useful tips and although some are somewhat dated, there are nevertheless a number of useful ideas for the model engineer of today. **£4.95 (B)**

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THE AMATEUR'S LATHE by L. H. Sparey

A definitive work on the use of the small lathe for the model engineer. It shows how the ordinary 3" lathe can be made to perform a variety of operations. **£8.95 (C)**

BASIC LATHEWORK by Stan Bray

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BEGINNERS GUIDE TO THE LATHE \$ by P. Marshall

Revised by Edgar T. Westbury. First published in the 1920s, this book was undoubtedly the leading work of its kind. It is a comprehensive introduction to the lathe by two highly qualified writers and this reprint will prove equally useful to the beginner of today. **£4.95 (B)**

BUILDING A SMALL LATHE by L. C. Mason

A reprint of this detailed manual explaining how to make a small lathe suitable for most tasks facing the model engineer at a considerable saving in costs. The finished job is very versatile and an excellent substitute for a purchased lathe. It is fully illustrated with diagrams and photographs. **£9.95 (C)**

CENTRE LATHE PRACTICE \$

The lathe, construction, installation and maintenance design and care of cutting tools. A 'Past Masters' book. **£6.95 (C)**

CNC MILLING IN THE WORKSHOP by Marcus D. Bowman

This new guide takes a practical approach to software and techniques, and explains how to make full use of the CNC mill. As well as authoritative advice on programming and operating a CNC mill, it includes practical projects. **£14.99 (E)**

THE COMPACT LATHE by Stan Bray

The author covers the evolution of the compact lathe and introduces the components, machining operations and facilities. **£8.95 (C)**

DIVIDING by Harold Hall

Workshop Practice Series No. 37

Explains how radial work on a metalworking lathe, such as the cutting of gearwheels or the drilling of holes on a set radius calls for a method of precisely spacing the cuts. The principles underlying this aspect of engineering are explained in depth. **£7.95 (C)**

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A fascinating collection of manufacturers' advertisements for early lathes. **£4.95 (B)**

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This is a reprint of an incredibly rare book on ornamental turning published in 1852. It is so rare that an original book (if you ever find one) can fetch over £500. Probably the first book ever to be published on the subject of machine turning on the lathe. **£13.95 (C)**

GEARING OF LATHES FOR SCREWCUTTING By Brian Wood

Gearing of Lathes for Screwcutting has been written as a work of reference for the engineer in the workshop, in particular for the lathes fitted with screwcutting gearboxes. Set up tables for a wide range of pitches are included with the intention of letting you use your lathe to make things rather than grappling with the maths involved in working out gear ratios. **£14.99 (E)**

GETTING THE MOST OUT OF YOUR WOOD LATHE by Sam Browne

First published in the USA in 1935 this comprehensive 64 page book covers all branches of lathe operation, including metal turning and is profusely illustrated with over 200 photographs and line drawings. **£4.95 (B)**

IMPROVEMENTS & ACCESSORIES FOR YOUR LATHE by J. A. Radford

A compilation of articles originally published in 'Model Engineer', this book contains plans and details of how to build a vast range of accessories and improvements for your lathe. An invaluable source of workshop knowledge from the late 1960s. **£14.95 (C)**

KNOW YOUR LATHE — A SCREWCUTTING LATHE HANDBOOK \$

This book is a 'must' for aspiring or practising model engineers. Covers all aspects of installation and use of the lathe and how to use all tools, machining procedures covered in detail. **£4.95 (B)**

LATHE ACCESSORIES – How to make and use them \$ by E T Westbury

First published over fifty years ago, this book consists of nine chapters covering centring devices, tool holder and cutter bars, dividing appliances, milling attachments, screw cutting aids and much more. Its author, E T Westbury was probably the leading writer of his day. **£5.95 (B)**

LATHE AND SHAPING MACHINE TOOLS \$ by 'Duplex'

To produce accurate and well-finished work in the lathe or shaping machine it is essential that the tools used should be of the correct form and be properly sharpened and this book deals primarily with the practical side of this important subject. **£4.95 (B)**

LATHE DEVICES by 'Duplex'

This reprint of an invaluable book covers the many applications of the lathe: Traversing, Surfacing, Chuck Work, Boring, Taper Turning, Dividing, Knurling, Filing, Shaping, Slotting, Spherical Turning, Milling, Gear Cutting, Grinding, Lapping, Reaming, Drilling, Repetition Work, Tool Forms, Sharpening, Drill Grinding. **£7.95 (C)**

LATHEWORK A COMPLETE COURSE by Harold Hill

Workshop Practice Series No. 34

This book assumes no previous experience and using the medium of twelve lathe turning projects, leads prospective model engineers through all of the basic techniques needed to tackle ambitious projects. All projects are extensively illustrated with full working drawings. **£7.95 (C)**

LATHEWORK FOR AMATEURS \$ by F. J. Camm

A useful introduction for the model engineer covering many varied aspects of lathe work. Explains procedures and provides examples of turning practice. A 'Past Masters' series book. **£4.95 (B)**

METAL TURNERS HANDYBOOK by Paul N Hasluck

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METAL TURNING ON THE LATHE by David A Clarke

The lathe is an essential tool for all but the most basic of workshops. It enables the engineer to produce turned components to a high degree of accuracy. Often called the 'king of machine tools', it is also very versatile and can be used to make a wide range of engineering components. This new book shows you how to make full use of your lathe safely and effectively in your workshop. With practical advice throughout, it is aimed at both the aspiring and experience engineer. Chapters include how to choose a lathe, looking at the different sizes and features available and giving advice on installing and maintaining a lathe, selecting and sharpening tools, and working with chucks. Giving instruction on a range of techniques ranging from how to hold work in a collet through to cutting a screw thread. Pages well illustrated in colour. **£14.99 (E)**



METALWORK & MACHINING HINTS & TIPS by Ian Bradley

Workshop Practice Series No. 20

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MILLING by Stan Bray

This detailed book covers different types of milling machines and describes milling techniques with the aid of photographs and drawings. Includes much advice and warnings of potential pitfalls, a perfect companion for the amateur engineer who wishes to become better acquainted with this vital skill. **£14.99 (D)**

MILLING by David A. Clark

There is always a debate as to which is the most 'essential' machine in a home workshop. However any complete workshop needs more than one machine and if the lathe is King, then modern vertical miller is certainly its equal.

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by Harold Hall

Workshop Practice Series No. 35

A comprehensive introduction to the milling machine, assuming no previous experience. Eight projects lead the reader through the techniques involved. Each project extensively illustrated with step by step photographs and workshop drawings. **£7.95 (C)**

MILLING IN SMALL LATHES

by Percival Marshall
A useful book showing how milling was done in the lathe in the early 1950s and therefore still valuable today. It gives a clear indication of some of the processes employed and the tools used. **£4.95 (B)**

MILLING MACHINE PRACTICE

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MILLING OPERATIONS IN THE LATHE

by Tubal Cain
Workshop Practice Series No. 5

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THE MINI-LATHE

by David Fenner
Workshop Practice Series No. 43

The Mini-lathe has become the best-selling item of machinery in the hobby engineering market often purchased as a first step by beginners to the hobby. For many years, Myford lathes were considered as standard issue for model engineers, but at about one-twentieth of the price of a new Myford, these new Mini-lathes set the benchmark for the future. This book is a complete course on using and improving this new generation of budget lathes. It explains everything from setting up and tuning the machine for best performance to using accessories and carrying out tasks. **£7.95 (C)**

THE MINI-LATHE

by Neil M Wyatt

A Mini-lathe is able to accommodate a wide range of engineering requirements, projects and techniques, as well as being suitable for the modeller and novice engineer and for those with limited workshop space. Author and model engineer Neil Wyatt provides a practical guide to purchasing and using a Mini-lathe, as well as examining more advanced techniques. The book includes a projects section to show the application of Mini-lathe techniques. **£14.99 (E)**

MINI-LATHES TOOLS AND PROJECTS

by David Fenner

Workshop Practice Series 48

The Mini-Lathe has become the best-selling item of machinery in the hobby engineering market - often purchased as a first step by beginners to the hobby. This book follows on from the same author's introduction to the Mini-Lathe (WPS No. 43) and presents a series of projects which are intended to extend the versatility of this little machine. In some cases, additional machining capacity will be required, which some readers may find at their local model engineering club. The book covers the Mark 2 Mini-Lathe and specific tools such as the radius turning attachment, the tailstock and the dividing head and includes techniques such as taper turning and knurling. Whilst specifically written for the Mini lathe some of the projects can equally be applied to other small model engineering. **£7.95 (C)**



THE MODEL ENGINEERS LATHE MANUAL

by Edgar T. Westbury

The late Edgar Westbury's first major book on lathes was the ME Lathe Manual published in 1951. This was subsequently revised and titled Metal Turning Lathes & in reprinting the work we have reverted to the original title since this more accurately reflects the use today of the size and type of machinery described therein. **£13.95 (C)**

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by James Lukin

First published at the turn of the century when ornamental turning was a very popular pastime. Describes the ornamental slide rest and the eccentric, vertical and horizontal cutters. **£4.95 (B)**



UNIMAT LATHE PROJECTS

by G. Wingrove

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USING THE SMALL LATHE

by L. C. Mason

A reprint of this very useful book of interest to anyone owning one of the smaller lathes of today. Contains detailed guidance and data for the modeller and engineer alike. Chapter headings include 'A First Lathe', 'Chucking', 'Driving and Turning', 'Parting Problems' and 'Holding the Job'. **£9.95 (C)**



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WORKSHOP by Arnold Throp

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THE ART OF WELDING

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by Alex Weiss

This book by Alex Weiss covers the materials needed to make ceramic burners and explains how to silver solder them. It explains how to set up, install and operate each burner to provide optimum heating to the boiler. The burners described are straightforward to make and simple to use to heat the water in boilers that meet the 3 bar limit in the UK Boiler Test Code. **£16.99 (D)**

A GUIDE TO BRAZING AND SOLDERING

by Keith Hale

In this book Keith Hale set out to explain the fundamental principles. The book aims to cover what is needed to be done, why and how. Get the design of the joints right, flux it properly, heat it correctly and clean it afterwards. If the principles are followed then you will be successful. **£16.00 (C)**

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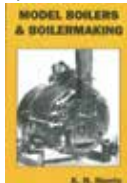
MODEL BOILERMAKING

by G. L. Pearce

A facsimile reprint of a practical handbook on designing, making and treating of small steam boilers. Contains numerous useful diagrams. **£5.95 (B)**

MODEL BOILERS AND BOILERMAKING

by K. N. Harris



In nine chapters the author comprehensively covers general considerations and principles, efficiency, design features and scale effects. Materials and their properties, calculations for safe working pressures and general proportions are discussed. Chapters are also devoted to types of boilers, methods of constructions, flanging and forming plates, setting out, annealing and riveting. Then we have details of boiler mountings and fittings, safety valves, gauges, clack valves, regulators and all the other detail parts inherent to good boilers. Fuels and firing methods are discussed, as are test pressures, testing, superheaters, feedwater heaters and the like. Many useful tables are provided and a wide selection of detailed drawings covering every type of model boiler in use today. First published in 1967 and now reprinted. **£14.95 (C)**

MODEL LOCOMOTIVE AND MARINE BOILERS



This book is concerned with locomotives, the most popular application of live steam power for model engineers, but also includes marine boilers, which make up the second most numerous group which, in many cases, adapt quite simply to stationary plant. Martin Evans has drawn on his own vast experience and that of the late K.N. Harris to provide this comprehensive addition to steam literature. **£14.95 (C)**

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by Alec Farmer

Drawling on many years of practical experience the author explains in detail by over 300 descriptive photographs the construction of a model locomotive boiler from the selection of tools and materials through the working of the metal to the testing of the finished boiler. **£17.95 (D)**



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SOLDERING AND BRAZING

by A. R. Turpin

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by Martin and Ed Thaddeus

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by B. T. Aspin

Workshop Practice Series No. 25

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CASTING FOR THE HOME WORKSHOP

by Henry Tindell and Dave Cooper

The techniques of casting are of crucial importance in our day-to-day lives, being used in the manufacture of diverse products ranging from dental implants and hip replacement joints, through bicycle frames and car engine parts, to the most exquisite items of sculpture and jewellery. **£14.99 (E)**

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Workshop Practice Series No. 4

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PATTERN MAKING

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GEARING OF LATHES FOR SCREWCUTTING

by Brian Wood

Gearing of Lathes for Screwcutting has been written as a work of reference for the engineer in the workshop, in particular for the lathes fitted with screwcutting gearboxes. Set up tables for a wide range of pitches are included with the intention of letting you use your lathe to make things rather than grappling with the maths involved in working out gear ratios. **£14.99 (E)**



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SCREWCUTTING

by Marcus Bowman

A guide to the theory and practice of threads and thread-making. The book gives details of the major threadforms, such as metric, Whitworth and Unified threads, as well as the British Association (BA) and Model Engineering (ME and MME) series etc. As well as covering the basics of screwcutting, this book examines higher-level and advanced techniques, using case studies to demonstrate what can be achieved - fine, accurate and well-finished work. **£14.99 (E)**



SCREWCUTTING FOR ENGINEERS \$

by E. Pull

First published as a handbook for practical mechanics and technical students much of what the book contains is still invaluable today. Highly detailed and illustrated with some very informative diagrams which will be of considerable use to the model engineer of today. **£4.95 (B)**

SCREWCUTTING IN THE LATHE

by M. Cleeve
Workshop Practice Series No. 3

A fully comprehensive survey of the use of a lathe for all forms of screwcutting in all thread forms, imperial and metric. Calculations, gear trains, conversions, etc. are all explained, but also set out in tabular form. **£7.95 (C)**

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by George Gentry

This standard work on screwcutting will prove useful to model engineers. It includes an easily understood method of setting up gears without the use of tables and notes on chasing, cutting worms, etc. The author was one of the masters of the subject in his day. **£4.95 (B)**

SCREWTHREADING AND SCREWCUTTING \$

by Duplex

A practical guide for the model engineer to some of the operations carried out either by hand or machine tools. Covers screwthreading equipment and methods and then goes on to cover screwcutting operations. Appendix contains 12 reference tables. **£5.95 (B)**

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71000 DUKE OF GLOUCESTER BR STANDARD CLASS 8 4-6-2 LOCOMOTIVE IN 'O' GAUGE

by D. A. Lukeman

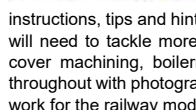
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BUILDING A GAUGE 'O' BASSETT-LOWKE 2-6-0 STEAM LOCOMOTIVE

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BUILDING SMALL STEAM LOCOMOTIVES

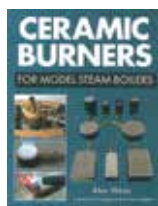
A comprehensive guide to building small live steam locomotives for a garden railway, aimed at all modellers from beginners upwards. The author starts with an explanation of the technical terms, then introduces the basic metalworking techniques. The early designs he describes use a mixture of ready made components, kits and simple skills to enable you to produce your own working locomotives. Thereafter, further instructions, tips and hints are offered to provide the advice you will need to tackle more complex designs. Separate chapters cover machining, boilermaking and painting. Fully illustrated throughout with photographs and drawings, this is an invaluable work for the railway modeller. **£45.00 (E)**



CERAMIC BURNERS FOR MODEL STEAM BOILERS

by Alex Weiss

This book by Alex Weiss covers the materials needed to make ceramic burners and explains how to silver solder them. It explains how to set up, install and operate each burner to provide optimum heating to the boiler. The burners described are straightforward to make and simple to use to heat the water in boilers that meet the 3 bar limit in the UK Boiler Test Code. **£16.99 (D)**



'ELLIE' THE STEAM TRAM

by Andrew Allison

Describes the construction of a very simple 16 mm gauge/G scale freelance live steam locomotive based on the steam trams built by Beyer Peacock, Dick Kerr and others with a vertical engine driving the leading axle and a boiler placed behind the engine. No castings are required. Well illustrated with full drawings and building instructions. **£12.95 (D)**

GARDEN RAILWAYS \$

by R. Tustin

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MODEL LOCOMOTIVE CONSTRUCTION

by Martin Evans



This book deals with the construction of model locomotives, electrically driven, for the popular gauges 'O' and '1'. The reader is taken right through the subject, which is dealt with in a practical manner. Chapters include a discussion on the tools and equipment required before a start is made, the selection of suitable materials, building the locomotive bodywork, turning wheels and axles, making scale valve gear, dummy riveting, detail work, making boiler mountings, painting and lining. **£12.95 (C)**

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by Fred Crellin

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THE FINISHING TOUCH — THE HOW'S AND WHY'S OF PAINTING MODELS

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This 2nd edition of Shephard's excellent book on painting models looks at all aspects of getting the best possible finish to your paint job, however you apply the paint. **£6.00 (C)**

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by Christopher Vine

This is not an academic treatise on painting but a practical guide. With 168 pages, 130 colour photographs and 30 diagrams this book takes the beginner through all the necessary stages and processes in painting a model engineering subject. It includes selection and making of equipment, paint, fixing blemishes, lining, transfers, tips on how to look after the paintwork and a list of suppliers published by the author. **£19.95 (E)**

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by Geoff Haynes

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PAINTING & LINING MODELS \$

by R. C. Rogers

Describes the more practical aspects of painting and lining and gives a brief outline of the materials used and the mixing of paints. **£4.95 (B)**

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ADVANCED STEAM LOCOMOTIVE DEVELOPMENT

By L D Porta

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BEGINNER'S GUIDE TO MODEL STEAM LOCOMOTIVES

by Tim Coles

The author shows how you can build your own miniature steam locomotive. Gives full instructions, plus clear diagrams, to enable anyone to construct their own loco in a home workshop. **£16.95 (C)**

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by Jack Buckler

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by Peter Jones

If you have an ambition to build a small live steam locomotive then this is the book for you. The author is highly regarded for his knowledge of small-scale locomotives and garden railways and writes regularly on the subject. The book covers all areas of construction of a model locomotive including boilerwork and guides the reader with step by step project guides. **£45.00 (E)**

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by LBSC

LBSC's 5" gauge GWR 0-6-0T locomotive 'Speedy' was a design produced at the very height of his inventive powers in a period regarded by the experts as the 'vintage' years of LBSC. Literally hundreds of examples of this model have been built and even if you do not intend to build this particular design, this book is generally informative and worth reading. **£7.95 (C)**

CONSTRUCTION OF A BASSETT-LOWKE 2½" GAUGE 4-6-2 'FLYING SCOTSMAN'

by F. J. Camm

Facsimile copy, nevertheless an interesting booklet. **£3.95 (B)**

DESIGN PROCEDURES FOR WALSCHAERTS AND STEPHENSON'S VALVE GEARS

by D.L. Ashton

First published as two separate booklets in 1976 this is a reprint of the final 2007 much updated and combined edition. The major change is the inclusion of more information on the use of a computer to ensure any given layout gives the best possible valve events be it for a steam locomotive, traction or marine engine etc. Contains numerous drawings, diagrams and tables. **£12.50(C)**

DRIVING STEAM LOCOMOTIVES

- AN INTRODUCTION by Holland & Ryder

Based around the notes prepared for participants on a footplate experience course, this book gives an introduction to how a steam engine works and the functions and duties of the driver and fireman. Covers all gauges of passenger hauling steam railway from model 2½" gauge up to standard gauge and includes references to the differences peculiar to the model and miniature gauges. **£5.25 (C)**

THE EVOLUTION OF LOCOMOTIVE VALVE GEARS

by T. H. Shields

This book was first published as a learned paper in the 1940s and covers in detail most known types of valve gear used in both stationary engines and locomotives. 100 drawings, 96 pages. **£7.95 (B)**

GREENLEY'S MODEL STEAM LOCOMOTIVES DESIGNS AND SPECIFICATIONS

by H. Greenley

This is effectively a supplement to Greenley's Model Steam Locomotives, covering fundamentals of design cylinders, valve gears and design of boilers, covering live steam locos from '0' gauge to 15in gauge. 60 pages. Softcover. **£6.95 (C)**

LIVE STEAM LOCOMOTIVE

CONSTRUCTION - LBSC's 'VIRGINIA' by LBSC

'Virginia' was produced in answer to requests that LBSC should produce a model of a real North American pioneer days locomotive. Designed for 31/2" gauge popular at the time it can be scaled up to the larger gauges. Written in LBSC's inimitable style it makes fascinating reading. For American enthusiasts this book is historically important being probably the first model to be described of any American prototype. **£12.95 (C)**

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by Martin Evans

This book deals with the construction of model locomotives, electrically driven, for the popular gauges '0' and '1'. The reader is taken right through the subject, which is dealt with in a practical manner. Chapters include a discussion on the tools and equipment required before a start is made, the selection of suitable materials, building the locomotive bodywork, turning wheels and axles, making scale valve gear, dummy riveting, detail work, making boiler mountings, painting and lining. **£12.95 (C)**

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by B. Terry Aspin (Chuck)

Originally published as a series of articles in Model Engineer this is a very useful look at what is involved in building a model steam locomotive. Based on the Kerr Stuart 'Wren' narrow gauge locomotive the author describes in detail the frames, cylinders etc. then wheels, axles and coupling rods before covering the boiler and smokebox etc. Well illustrated with numerous drawings plus the author enlivens the text with his unique 'Chuck' cartoons. **£10.95 (C)**

MODEL LOCOMOTIVE VALVE GEARS

by Martin Evans

Martin Evans, who was a regular contributor to Model Engineer for many years, made a special study of locomotive valve gears, and carried out much practical work in connection with them. This book thoroughly covers the whole subject and provides practical help to all those interested in designing and building model locomotives. Among the valve gears described are: Stephenson, Gooch, Allan, Joy, Hackworth, Marshall, Walschaerts, Baker, Beames, Jones, Greenly's Corrected, Caprotti, Cossart, etc. **£9.95 (C)**

THE MODEL STEAM LOCOMOTIVE

by Martin Evans

Despite the virtual disappearance of the steam locomotive from most major railway systems in the world, interest in miniature passenger hauling locomotives remains strong, particularly in 3½", 5" and 7¼" gauge. The author, for many years Technical Editor and subsequently Editor of Model Engineer, is undoubtedly one of the most prolific writers on, and designer of model locomotives. **£17.95 (D)**

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by Henry Greenly

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by T. B. Mackenzie

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by H W Dickinson and R Jenkins

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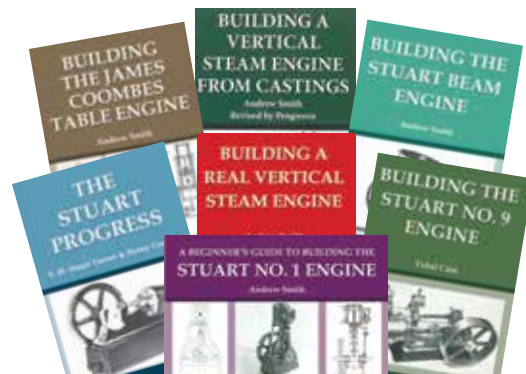
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by E.T Warbrooke

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by James G. Rizzo

In this book well known authority on hot air engines James Rizzo describes, in detail, two working engines built, before 1825, by Robert Stirling inventor of the hot air engine to demonstrate its principles. One engine was presented to the University of Edinburgh, and the other, slightly later, to the University of Glasgow. Both engines are now very fragile, but the author was granted unprecedented access to measure and inspect them by both universities. From the resulting drawings James made half sized models of both engines, but whilst the building instructions refer to these models, the drawings are dimensioned full size, with metric and decimal inch measurements for accurate conversion. This book is an important and historic record of two unique survivors from the very earliest days of mechanisation, and a tremendous 'projects' book, providing the reader with full drawings and instructions to recreate these engines in either full size or model form. **£12.95 (E)**

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by Roy Darlington & Keith Strong

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STIRLING ENGINE PROJECTS - Volume 1

by James G. Rizzo

In this book, the first in a projected series, the author covers 'Bell-Crank' engines, where a Bell-Crank is the key component of the drive mechanism. The first two chapters of this book deal specifically with this mechanism, with chapter three covering heating and cooling and chapter four providing a very useful guide to fault finding and trouble shooting. The six 'Projects' which follow describe in detail how to build increasingly sophisticated Stirling engines. Full drawings, for metric and imperial are included, as well as numerous photographs of parts, machine set ups and the like. This is a book which is likely to appeal to anyone with an interest in the Stirling engine. **£15.25 (D)**

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by Jack Hampshire
The author was born at Cowes, Isle of Wight, in 1898. During his childhood his father acquired - almost by accident, as this book tells - a steam engine and sawbench which led to the growth of a large haulage business employing steam traction engines and steam wagons. The author, in spite of his youth, was actively associated with the early years of the family business and, on leaving school entered into an apprenticeship in steam engineering in order to provide his father with some expert assistance. His formal employment with the firm was interrupted by a spell in the Navy as a steam engineer from 1917 to 1919, but then he worked with his father and brother until 1922. This book recounts his early years as an apprentice in the family business. **£10.95 (C)**

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by Tony Webster
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I WORKED WITH TRACTION ENGINES

by Jack Hampshire
The late Jack Hampshire was one of the small number of men, alas all now departed, who really had worked with road steam. Jack was driving engines for the family company when barely in his teens, and was to work with steam all his life, latterly the marine variety. The book vividly illustrates what it was like hauling and threshing with steam during the first 30 years of the twentieth century, and make for a tremendous read. 168 pages. **£10.95 (C)**

MEMORIES OF STEAM RALLYING

by Jack Hampshire
This is the long-lost third book by Jack Hampshire on his life describing the author's involvement with preservation from the mid 1950s, and the rallies of the 1960s and 1970s. It is really a story of rallying two engines - Major Giles Corkran's unusual Burrell 5hp double crank compound agricultural engine 'Britannia' and, after its restoration, covered in detail, Jack's own Foden steam wagon 'Peg 'o My Heart'. Adventures are frequent, and this is a real window into what was arguably the Golden Age of road steam preservation - a time when many of the owners had, like Jack, been involved with steam all their lives. A wonderful read for any lover of road steam, highly amusing and full of great characters from the time. **£7.95 (D)**

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by F.N. Hutton
Subtitled 'A Practical Guide to the Construction Management and Use of the Modern Magneto' this book first appeared in 1922 and is therefore a useful reference guide for anyone with an early vintage vehicle or aero engine that requires a particular magneto. Careful study of the book will enable readers to repair or rewire a magneto if so required. **£4.95 (B)**

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AND TRANSFORMERS by E. Molloy
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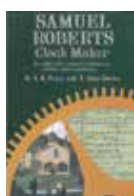
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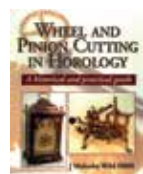
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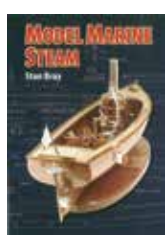
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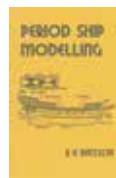
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