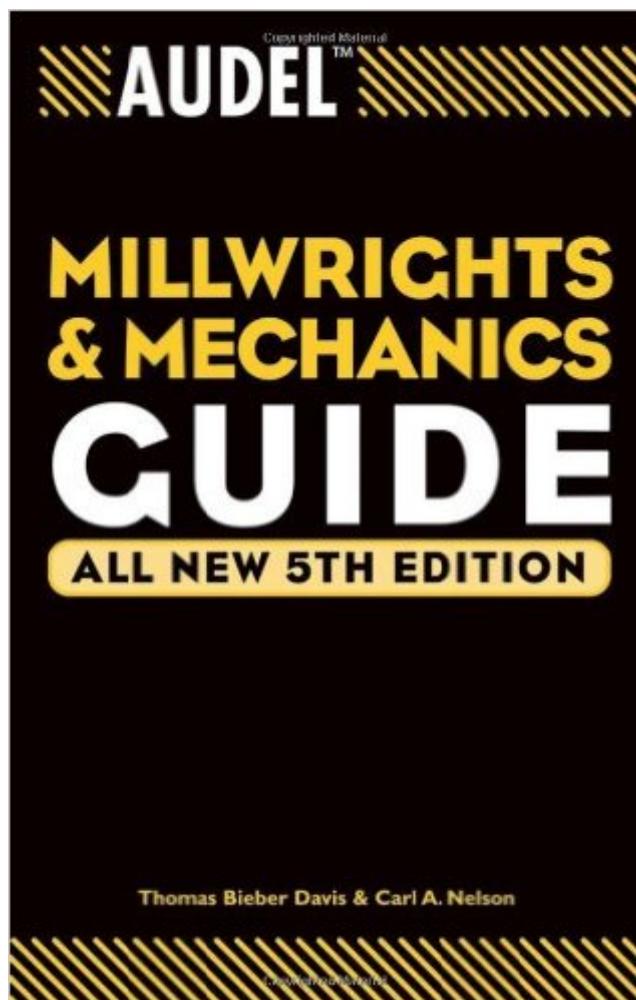


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# Audel Millwrights And Mechanics Guide



## **Synopsis**

The hardcover, fully updated edition of the only multi-craft trade guide Respected by generations of skilled workers, Audel Millwright's and Mechanic's Guide is the only trade manual to cover maintenance and troubleshooting for all the mechanical trades in a single volume. Now available in hardcover, it covers the newest equipment on shop floors as well as older machinery, sometimes more than 30 years old, for which little maintenance and repair information remains available. Millwrights, mechanics, machinists, carpenters, pipe fitters, electricians, engineers, and those who supervise them will find this book invaluable. The only hardcover maintenance and repair manual to cover all the mechanical trades in one guide This updated guide covers new industrial machinery as well as 30-year-old equipment for which little information can be found Essential for those who repair machinery as well as machinists, carpenters, pipe fitters, electricians, millwrights, mechanics, engineers, mechanical technicians, industrial maintenance managers, and construction tradespeople This hardcover edition of Audel Millwright's and Mechanic's Guide is as valuable to today's skilled workers as previous editions were to their fathers and grandfathers.

## **Book Information**

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## **Customer Reviews**

I bought this book new about thirty years ago. It was \$11 then, if I remember right. I ordered it from a catalog; .com and home computers didn't exist. So the edition I am writing about is the one thirty years ago. This book contains all the hints and kinks and even secrets about setting up machinery that you would normally have to learn by working with someone experienced who knows what he is

doing. The book touches on just about everything. The rigging section tells about how to take care of rope, how to tie knots, how to estimate the weight of something by lifting it with a pinch bar. There is a blacksmith section showing the tools used and some basic forging techniques. There is a lot of discussion of power transmission, such as flat belts, V belts, shafts, bearings, couplings and such. It shows how to align an electric motor so that the pulleys on the motor and the machine will be in line with each other. This is not a project book. It doesn't have plans on how to build something. But if you have a machine like a hammer mill, a lathe, an air compressor, a blower, a furnace, or whatever, big and mean, this book shows how to put a sling on it, lift it with a crane, move it, build a floor to put it on, put it where you want it, line it with other machines, put a motor on it, line up the pulleys to power it up, bolt it down, lubricate it, and even a little about how to build a roof over it. You will have to have a big pocket to put this book in.

I wondered where the great Audel brand had gone until I saw this book, probably one of the most known books of all the old Audel's I have in my collector's library. Anyone who does anything with his hands, whether at home in the garage or on the shop floor should buy this book.

I have been a industrial mechanic for over 8 years, and one thing you learn, is no matter how much you know, you don't know anything in the grand scheme of things. Learning that is the single most important thing you can do, as being over confident in your abilities, and being a "know it all" will bite you eventually. Saying that, this book helps you fill in those gaps, makes you a better mechanic, and gives you TONS of information in a well written package. If you are just getting into the trade, or a 20 year vet, this book will have something for you. Some of the guys I work with have older revisions of this book, use it all the time, and have over 30 years in the company, it really is that useful. So to summarize, never believe you have nothing else to learn, and pick up this book to round out your resources. You wont regret it.

This is very helpful book! Very simple human's language. The only bad thing (for me) is that the font is pretty small, it's understandable why, but if you use this book somewhere with low light and your vision is not so great, you probably need to use glasses or even magnifier.

I'm a shop foreman and I need to know A to Z about everything mechanical and how to fix it. This is the only book I could ever find with millwrights information in it and blacksmithing, but all I had was my dog-eared, ancient copy. Until now. Finally a new edition and none of the good material has

been disturbed. This a must-have for every shop-every shop foreman.

This book is over 1100 pages, profusely illustrated with tables and is a good reference for anyone who works in an manufacturing or mechanical fabrication field. The basic technical and engineering standards are covered by subject. To say I have read from cover to cover at this point would be untrue (I have only had it for a month) but some of the chapters have already shown their worth. For example, there is a discussion of Heli-Coils, their theory, use, and application. Anyone who has ever stripped a sparkplug or manifold thread on an engine knows Heli-Coils are a godsend. Instead of replacing the cylinder head and/or manifold, you just drill out the damaged thread, tap it, and insert the Heli-Coil - presto! New thread! This book had the most cogent explanation of Heli-Coils I've ever seen. I say this as someone who been tapping cylinder heads since 1978. The book, as is the case with most Audel publications, makes an effort to stay current; this is the 5th edition. I will update this review as I move along.

Nicely organized with excellent information on all topics that a good millwright or millright supervisors should know. If you are in or supervise any maintenance department - this book is a must have.

This is a terrific book. I used it as a mechanical maintenance student in tech school. Since then I have referred to it often as a maintenance tech. I work in a chemical plant and am responsible for a wide variety of equipment. I have found a lot of help in "remembering" how to set or adjust much of it. There is so much information in this book that is valuable to most any maintenance mechanic or millwright. I recommend this book as a learning tool or reference for either job skill.

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