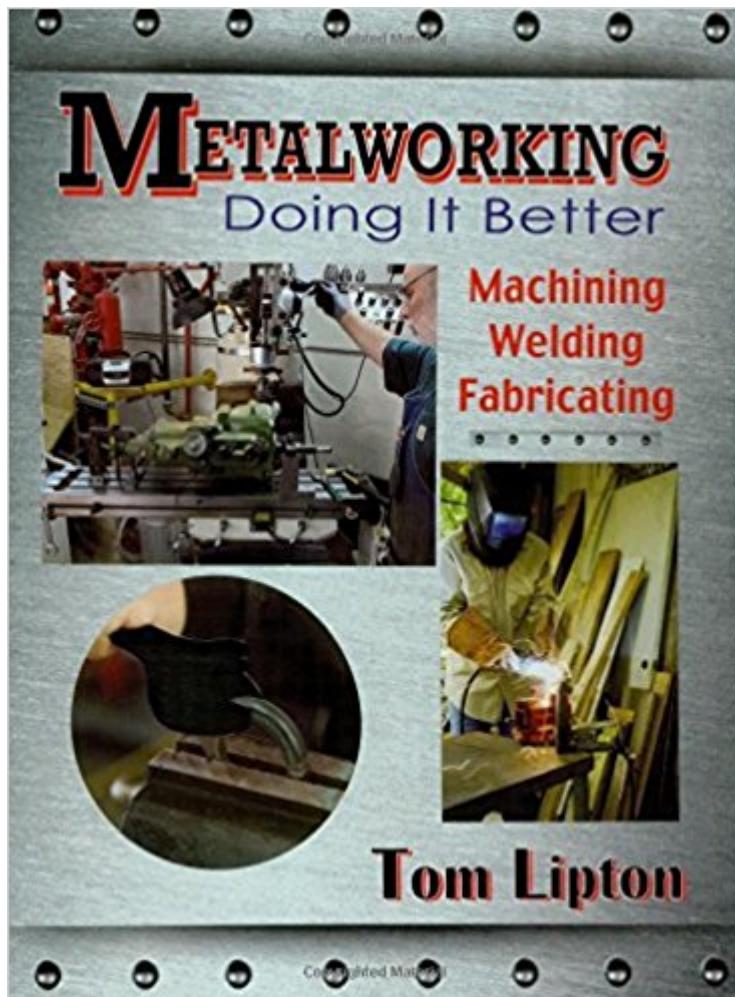


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# Metalworking: Doing It Better



## Synopsis

Ã  OverviewÃ  This collection of priceless tips, tricks, skills, and experiences from a veteran of the trade is presented in a way that captures the readersÃ¢â„¢ attention and engages them in the process of furthering their skills. It includes shop-tested descriptions and illustrations of creative and unique techniques and observations from four decades in the metalworking trades. Perfect for hobbyists and veterans alike, and everyone in between, and for those who work out of either small shops or garages, backyard facilities and basements. It will help any metalworker do better work and do it faster!Ã  Users will learn about:Ã  The shop environment. Basic generic skills such as drawing and sketching, accuracy, speed, shop math and trigonometry, and angles. Setting up your shop, including floors, light, heating and cooling, workbenches and tables, air supply, raw material storage and handling, safety equipment, filing, sawing, rigging and lifting. Manual and CNC lathes. Manual and CNC mills. Welding. Flame straightening. Sheet metal, patterns, cones, and tanks and baffles. Sanding, grinding, and abrading.Ã  FeaturesÃ  Covers hundreds of shop-tested techniques.Ã  These creative and unique techniques have been shop-tested by the author the old-fashioned way, by repetition and hard work. Features hundreds of 4-color photographs.Ã  Metalworking Ã¢â„¢ Doing It Better includes over 900 4-color images personally photographed by the author to illustrate the methods he describes in the book. Fully integrates text and photographs.Ã  The guide has been designed so that in virtually every case, the tips and the supporting photographs appear together on the same page. Provides wide range of topics.Ã  Many of the topics address specific trade skills, working with manual and CNC lathes and mills, as well as welding flame straightening, sheet metal, sanding, grinding, and abrading. Earlier chapters focus on general across-the-board skills, including essential shop math and trigonometry, accuracy, speed, drawing, and sketching. Includes extensive guidance for setting up your workshop.Ã  Chapter 4 helps you with shop basics Ã¢â„¢ finding the right floor and lights, heating and cooling, workbenches and tables, air supply, storage and handling of raw materials, and much more. Written from a folksy, personal perspective.Ã  The tips and techniques are presented as an ongoing, informal conversation between the author and the reader.

## Book Information

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## Customer Reviews

I am currently reading this book. When I am finished with the first pass I will update this review. The book has information I want for my hobby, metalworking. The author is active in sharing his knowledge on YouTube, I like his approach, sense of humor, and respect for his trade. It is well reflected in what I have read so far. He discusses among other things the need to pass along what has been given to you, albeit more freely than it was given. Working in metal; designing, machining, and fabricating, is fascinating, and rewarding, well at least to me, to my wife not so much. The forth chapter on shop organization has made it well worth the price. This book is out in my shop right next to Machinery's Handbook. If metalworking is your trade or your hobby I will already endorse this as a good read and source of good ideas. (still reading) 2/27/2014 Here is the update: After finishing reading this book I would give it 6 stars if I could. I enjoyed reading it, the illustrations are clear and meaningful and the advice is practical. Buy Metalworking Doing it Better!, buy the Machinery's Handbook used, anything greater than the 19th edition (30th is the current).

This review is based on the Kindle version. Overall I found this to be a good book about metal working. The author has tips and food for thought on so many odds and ends that a second or third reading will be needed to catch them all. It is easy reading and I read the whole thing in just a few sittings. To me that is an indication of a good book, was it interesting and fun to read. I was a little disappointed there was not more insightful stuff about manual milling but there are other books on that subject. One of the little side bar stories in the book talked about remaining current with the times so we do not disappear like the ice cutters back in the day. I told my kids that one, it is just a good general life lesson and is one of the many gold nuggets of learning in the book. As a minor annoyance perhaps just with the Kindle version though is the book has a lot of great photos to illustrate the talking points, but the text and photos were almost always on opposite pages.

In this second book of Tom Liptons are a more relaxed approaches to metal working. It's a must buy and great bed time reader. I really liked the simple approach he uses to solve both simple and complex issues. Tom also has his own You Tube channel OXYTOOLS so you can clearly see that he is not one of those whom write a book never to be seen on a high pedestal but very down to earth and easy to understand. He explains everything in a uniqueness that I really enjoy and would like other technical authors to do the same, as it keeps you interested in reading and wanting more. Other books get so boring you pick out what you think you either like or need and put it up to never read it completely through. This book is one that you will re-read to glean additional information from each time.

what can I say , the author is down to earth, a blue collar man. HELL I wish I knew what he has forgotten.

This is an updated and rearranged version of Sink or Swim. I got a copy of Sink or Swim to compare, and you will do just fine with this one. It has a bit less content, but it is mostly in the "setting up shop" section, which does not bother me at all. Lipton covers all sorts of metalworking topics; I learned quite a bit. It's real easy to pick up the book and flip to any page to extend your knowledge. He also has a YouTube channel with lots of useful info; search for OxTool to find those. I will be buying 2 more copies of this book as gifts.

I purchased this as a gift for my husband, who recently took up welding. He liked it, so it must be good.

Same material as first edition that I already have. It's a good book if you don't have it ,but I expected new material.

Well written by a very well informed author. Great tips and tricks interspersed with anecdotal stories of how he came to know his trade. Great book for the beginner and, even if you think you know it all, there are plenty of things in this book that the advanced students of metal working. will appreciate and cherish

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