Metal Working a Book of Tools and Processes

Hasluck Paul N
*ebooks | Download PDF | *ePub | DOC | audiobook*

#2326019 in Books 1994-01-01 #File Name: 1559181265 | File size: 28.Mb

Hasluck Paul N : Metal Working a Book of Tools and Processes before purchasing it in order to gage whether or not it would be worth my time, and all praised Metal Working a Book of Tools and Processes:

0 of 0 people found the following review helpful. A comprehensive workBy Synergistic OneOriginally written in 1907, this book was printed in 1994. This hard bound book is a "photo copy" of the original, but it is clear and easy to read.It has 2,206 illustrations and working drawings. There are very few pages that don't have some kind of graphic.This warning was printed at the beginning of the book: WARNING: Remember that the materials and methods described here are from another era. Workers were less safety conscious then, and some methods may be downright dangerous. Be careful! Use good solid judgement in your work, and think ahead. Lindsay Publications Inc. has not tested these methods and materials and does not endorse them. Our job is merely to pass along to you information from another era. Safety is your responsibility.First paragraph of the PREFACE: The scope of this book embraces practically the whole area of working metals with hand-tools and with such simple machine-tools as the small engineering shop usually contains. The tool outfit of the average metalworker does not generally include anything more ambitious than a lathe with or without slide-rest, overhead motion, etc., and it is with this limitation in mind that the whole of the contents of this book have been prepared. Even within such limits, the scope is extensive, and has been made to include a large and pleasing variety of work.Last paragraph of the PREFACE: The index, containing upwards of 4,500 entries, is a means of readily finding any items of information contained in the work.0 of 0 people found the following review helpful. Better than listedBy David ClarcqGreat little book.5 of 5 people found the following review helpful. Comprehensive look at all aspects of metal working 100 years ago.By SleazeyThis

books instructs the beginner about all the significant aspects of metal working, as it was practiced at the beginning of the 20th century.*Some* of the skills listed in the table of contents are: "Foundry Work", "Smiths' Work", "Polishing Metals", "Annealing, Hardening, and Tempering", "Drilling and Boring", "Taps, Screw Plates, and Dies", "Soldering, Brazing, and Riveting", "Forging", "Sheet Metal", "Repouss Work" (whatever that is...(It's embossing)), "Lathes and Lathework", "Spinning Metals on the Lathe", and many others.Each chapter contains enough detail, hints, and tips to allow the reader to make a good start at learning these skills. The chapters also include plans and projects with instructions to allow one to test and enhance their skills with some hands-on work.The book ends with several chapters with various major projects: steam engines, clocks, water turbines, dynamos and electric motors, boilers, petrol engine, a microscope and a telescope. All of the chapters feature some kind of project(s) to test your developing skills.The book is full of high quality engraved illustrations; plans are dimensioned, and complete. The motivated reader can learn a lot about how our great-great-grandparents made things of beauty and utility from metal, and follow their footsteps.Highly recommended to anyone with an interest in metal working, fabrication, and manufacture.

If I had found this book 30 years ago when I was on the quest for all metalworking knowledge I would have been in love with it and be constantly referring folks to it. Hasluck attempted to describe every metalworking shop technique and tools, doing a very good job, for circa 1900. . . Publication was 1907, seven years before the first MACHINERY'S HANDBOOK in 1914. This was a time of great change technologically. Where many of the things described are timeless, many others are quite dated. Machines covered in detail by Hasluck, including construction drawings, had not yet matured to their most enduring form as they would in just a few short years. Tools common to us such as the Jacobs chuck and standard lathe tool post had not yet been invented. Metallurgy still thought that crystallization leading to failure occurred in use rather than during heat treatment.