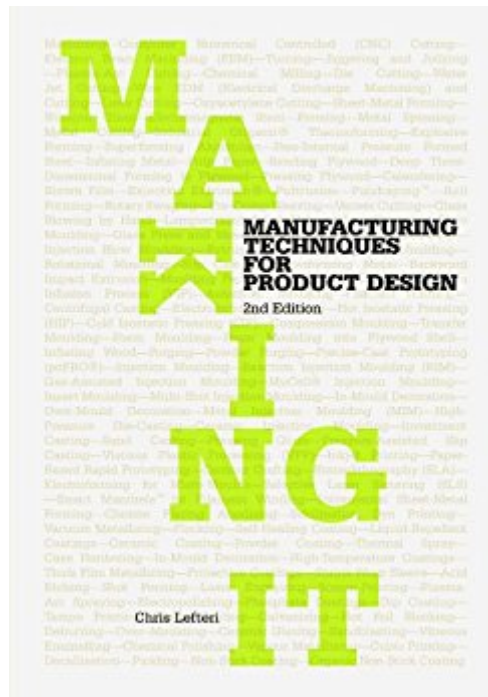


The book was found

# Making It, Second Edition



## Synopsis

There are many ways in which a product can be manufactured but most designers know only a handful of techniques. Both informative and incredibly easy to use, this bestselling book explains over 100 production methods in detail. With specially commissioned diagrams, case studies and step-by-step photographs of the manufacturing process, *Making It* uses contemporary design as a vehicle to describe production processes. It lists their pros and cons, suitable production volumes, costs involved, speed of production, relevant materials and typical applications. The new edition of this inspirational book also evaluates each process in terms of sustainability and its effects on the environment. *Making It* appeals not only to product designers but also to interior designers, furniture and graphic designers who need access to a range of production methods, as well as to all students of design. The expanded edition includes nine new processes and an all-new section of 40 finishing techniques.

## Book Information

File Size: 15120 KB

Print Length: 288 pages

Publisher: Laurence King Publishing; 2 edition (March 12, 2012)

Publication Date: March 21, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00JB8I9B4

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #618,790 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #91

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design #98 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Manufacturing #188 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Products

## Customer Reviews

This book just takes the complicated stuff out of understanding how things are made. It's a great quick reference not just because of the concise information in it but also the size of the book makes it easy to carry with you. Highly recommended book for engineering/industrial design students, teachers and anyone interested in understanding what processes "things" go through before they end up in stores.

This is a great book for someone like me, a product design student. As my institution doesn't really cover manufacturing processes I need a book like this to break it down for me. It is categorised well and the crudely drawn process diagrams are great at putting the procedures into perspective. This book is great for those who already have a basic knowledge of manufacturing and design process terminology as it assumes the reader is familiar with terms such as draft, tooling, die, section, profile and other phrases specific to manufacture and design, although it does have a rather limited glossary at the rear. I would highly recommend it to students who struggle with the ins and outs of manufacturing as it has common items listed that are produced by a specific process, giving the info a tangible basis of understanding, as well as providing many "Oh, THAT's how they make that..." moments. I think this will be a great handy reference for me, enabling me to short list viable processes that I can then investigate further. Definitely worth the money.

A catalog of processes is essentially what this book is. It's broken into 7 process sections: Cut from Solid, Sheet, Continuous, Thin & Hollow, Into Solid, Complex and Advanced. Each section has from 6-20 subset processes, eg, 'Cut From Solid' includes CNC machining, Turning, etc., 'Into Solid' has Forging, Sintering, 'Thin and Hollow' processes such as Blow Molding, Filament Winding, etc. The range of processes seems quite comprehensive and includes some I'd never heard of before such as Inflating Metal under the Sheet section, which is basically using air to inflate sheets of metal in a mold. Each process is typically described in 2-3 pages and follows a common layout. There's a picture of a typical item produced, some text describing the process, and an information section which includes economic production volume, type of surface and finish, and the typical sizes and tolerances of parts produced. This is followed by a '+' and '-' list of advantages and disadvantages of the particular process. A Further Information section on each process lists web addresses of manufacturers who supply the process and/or provide more information on it. This is a great resource, but you do wonder--given the fluidity of the web--how long some of these addresses will be viable. For the price this book is a great catalog of many of the manufacturing processes available. It doesn't go into any detail on how to design for the process (as a designer) or make it

function (as a machinist/manufacturer), but it's a great reference as an overview of available processes, their benefits and limitations, and where to go to get more information.

great book about current manufacturing process. Many photos and diagrams makes it easy to understand even for non-industrial designers. Also, each process lists it's pros and cons in a comprehensive manner. Overall, an amazing book which is easy and fun to read even for amateurs like myself.

I bought this book so that I could have a good reference book on manufacturing processes as I'm a design student, but as some other reviewer noticed it is not useful without some knowledge in the first place. While some of the processes explained have enough pictures, some have too few, or just the final product. I wouldn't have bought this one but rather "Manufacturing Processes for Design Professionals" now that I own the other one. At least for me I didn't yet find a book that would explain more of the traditional processes, I guess I'll dwell in the university library for some time as the specialized literature there though older could help me a lot more on this subject. But as for future technologies this book is fine enough I think, I found out things I wouldn't find in a library with literature from the '70s.

Someone turned me on to this book, it's a great primer for people who like to make things. Not only does it introduce you to new manufacturing methods you may not have been aware of, it helps people think in terms of manufacturing at scale. Sure, you can 3D print a few pieces to sell, but that doesn't scale well if your market size is bigger than 10 people. Some of the info seems to be not from first-hand knowledge and slightly incorrect, but over-all it's a great book and worth buying if you are an amateur Maker.

This could be a helpful reference for various production methods, but unfortunately it contains some critical errors. For example, the description for CO2 silicate casting is quite bogus -- you cannot convert sodium silicate into CO2, of course.

What an awesome book. This book would be great for just about anyone. Teens, college students, and even manufacturing professionals can garner a lot from all the great information. I never knew there were so many ways to manufacture products -- and that's my business!!

[Download to continue reading...](#)

Soap Making: 365 Days of Soap Making (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, Soap Making Recipes, Soap Making Supplies): Soap Making Recipes for 365 Days Jewelry Making: Jewelry Making Instructions to Easily Create Beautiful Pendants, Bracelets, Earrings, and Necklaces (Jewelry Making Books, jewelry making for dummies, jewelry making tools) Jewelry Making: 33 Tips and Advices For Making Unique Earrings (jewelry making, jewelry making books, jewelry making kits) Wine Making: Beginner Wine Making! The Ultimate Guide to Making Delicious Wine at Home (Home Brew, Wine Making, Red Wine, White Wine, Wine Tasting, Cocktails, ... Vodka recipes, Jello Shots Beer Brewing) Wine Making: 14 Amazing Recipes for Beginners - The Ultimate Guide to Making Delicious and Organic Wine at Home! (Home Brew, Wine Making, Wine Recipes) Soap Making Bible: 365 Days of Healthy and Organic Soap Making Recipes for your Body & Top 100 Herbal and Vegetable Do-It-Yourself Soap Making Recipes for your Body Costume Jewelry Making & Making Jewelry With Beads : A Complete & Step by Step Guide: (Special 2 In 1 Exclusive Edition) His Forge Burns Hot for Mosaic Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns. Making a Modern Tactical Folder: Tips on How to Make a Folding Knife: Learn how to make a folding knife with Allen Elishewitz. Knife making tips, supplies ... how to make custom tactical folding knives. Making Tea, Making Japan: Cultural Nationalism in Practice Jewelry Making and Other Easy Past Time Craft Hobbies (incl Parachord): Handmade Jewelry and Homeade Jewelry Making Guide DIY Jewelry Making Magazine #33: 8 amazing leather and chains jewelry making tutorials (DIY Beading Magazine Book 34) DIY Jewelry: Step-By-Step Guide On Creating Wonderful Beaded Jewelry: (Handmade Jewelry For Women, Jewelry Making Books) (Make Jewelry, Beaded Jewelry Making) Figure Making Can Be Fun?!?: A complete guide to making a professional ventriloquist figure. The Ultimate Guide to Making Outdoor Gear and Accessories: Complete, Step-by-Step Instructions for Making Knives, Bows and Arrows, Fishing Tackle, Decoys, Gun Cabinets, and Much More The Making of the Modern Gulf States: Kuwait, Bahrain, Qatar, United Arab Emirates, Oman (The making of the Middle East) Making Noise, Making News: Suffrage Print Culture and U.S. Modernism (Oxford Studies in American Literary History) Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Nursing Priorities: 5 Step Approach to Making Quick Decisions in Nursing Care (Decision Making in Nursing) The Caregiver's Path To Compassionate Decision Making: Making Choices For Those Who Can't (Home Nursing Caring)