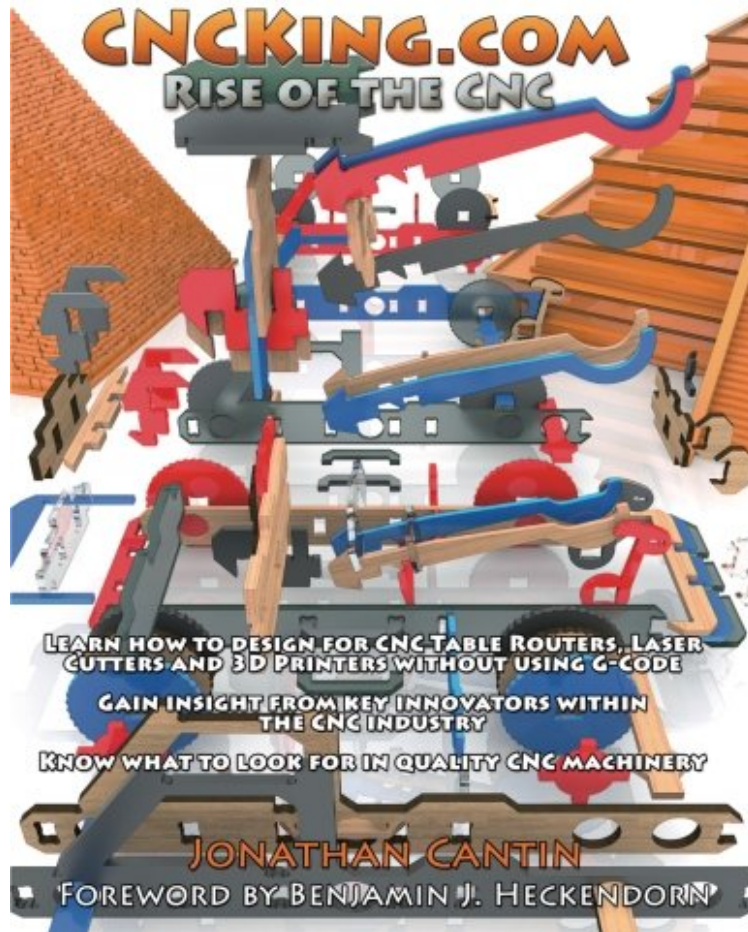


(Download) CNCKing.com Volume 4: Rise of the CNC - Ultimate CNC Design Course (Wood Marvels)

## CNCKing.com Volume 4: Rise of the CNC - Ultimate CNC Design Course (Wood Marvels)

*Jonathan Cantin*

*\*Download PDF | ePub | DOC | audiobook | ebooks*



DOWNLOAD



READ ONLINE

#1474813 in Books 2013-09-26 Original language: English PDF # 1 11.00 x 1.03 x 8.50l, 2.31 #File Name: 1896369510456 pages | File size: 63.Mb

**Jonathan Cantin : CNCKing.com Volume 4: Rise of the CNC - Ultimate CNC Design Course (Wood Marvels)** before purchasing it in order to gage whether or not it would be worth my time, and all praised CNCKing.com Volume 4: Rise of the CNC - Ultimate CNC Design Course (Wood Marvels):

10 of 13 people found the following review helpful. Poor attempt at an informative book By BillThe different discussions of various CNC machines was helpful. The format of the book was poor. Looks like the book was written with Microsoft Word. Most of the objects were toys. The copyright requirements were very demanding. Full design plans had to be ordered for an additional cost. Each time a copy is created on the CNC a royalty fee must be paid to the author. This totally turned me off. I don't like being gouged by a seller.

Two years in the making - CNCKing.com: Rise of the CNC ~ Ultimate CNC Design Course teaches the fundamentals of designing products to be cut with a CNC Table Router, CNC 3D Printer or CNC Laser Cutter Engraver. Across more than 450 pages, 64 projects are shown in various formats to help teach the reader how to successfully design for these CNC machines. This book features interviews with the movers and shakers of the CNC industry including designers, company directors and a buyers guide to help you select the best CNC machine for your purposes. There are also extensive tips and tricks so that you get the most out of your CNC machine. Foreword by Ben Heck Message from Jon CNCKing.com: How It All Began Tool and Material Requirements CNC Machine Background CNC Laser vs Routers vs 3DP Top 10 CNC Operational Tips CNC LASER Technological Overview CNC Opportunities: Warehouse to Garage Interview with Simon Moore, Director of Trotec Laser Australia A word about Model Complexity Toy Design 101: Behind the Scenes \* Castle Bank \* CH47 \* Chinook Helicopter \* Easter Island Head \* Electronics Award \* Ferris Wheel B \* Ford Model T \* Home Gym \* Mars Explorer \* Mars Opportunity \* Mangonel Siege Weapon \* Mangonel B Siege Weapon \* Stereo Bank \* Rocket Coaster \* Rusks Plane \* Science Award \* Shopping Cart \* Sydney ANZAC Monument \* Sydney Harbour Bridge \* Tower Bank \* TV Bank Jonathan Engel's Design Philosophy Laser Model Templates Assemblies \* Abacus B \* Bird Feeder \* Bird House B \* Bird House C \* Eiffel Tower \* Electronics Award \* Fish Pad \* Four-in-a-Row Game \* Japanese Miyajima Gate \* Pen and Pencil Holder \* Rocket Coaster \* Eiffel Tower and Japanese Miyajima Gate: Behind the Designs CNC TABLE ROUTER Technological Overview CNC Opportunities: Size Matters Interview with Ted Hall, Founder and CEO of ShopBot Tools Inc. Router Model Templates Assemblies \* 1911 Ford Model T Torpedo \* Runabout \* Army Transport Truck \* Brontosaur \* Centrosaur \* CH47 Chinook Helicopter \* Desktop Organizer \* Desktop Organizer B \* Desktop Organizer C \* Dolphin \* Easter Island Head Storage \* Elephant \* Future Car \* Future Car B \* Light Table \* Mangonel Siege Weapon \* Mangonel Siege Weapon B \* Medieval Bank \* P38 Lightning Aircraft \* Parasaurolophus \* Pen and Pencil Holder B \* Platform Crane B \* Pterodactyl \* Rhinoceros \* Stegosaurus \* Straddle Carrier B \* Submarine Steve's Osage Orange Box with Live Edge Interview with Ralph Bagnall, Owner of ConsultingWoodWorker.com CNC'ed Guns: Unwarranted Fear and Paranoia Brian Laurence's Design Process Designer's Corner: David Newman and Jerry Rutherford \* Bobcat MK3 (CNC laser) \* Bobcat MK3 (CNC table router) \* Helicopter (CNC laser) \* Helicopter (CNC table router) CNC 3D PRINTER Technological Overview CNC Opportunities: Develop Strategic Partnerships Interview with Cathy Lewis, Director of Worldwide Marketing at 3D Systems Extrusion to Stereolithography Choosing PLA over ABS Tale of three Pyramids: Virtual to Physical Erupting Pyramid Egyptian Pyramid Mayan Pyramid Modeling an Explosive Volcano Interview with Dr. Conor MacCormack, CEO of Mcor Technologies Kaetemi's Design Process Copyright Liability in 3D Printing Interview with Bathsheba Grossman CNC PLASMA CNC Plasma Technological Overview Interview with Jeff Knoll, Marketing Manager for Lincoln Electric Closing Thoughts Your Turn: Design Your Own! Image Credits Info Other books by Jon Cantin Supporters

Imagine an encyclopaedic compendium of CNC know-how, covering topics from laser cutting and CNC routing all the way through to plasma cutting and 3D printing. It's perfect for people looking to do their own laser cutting in wood, acrylic or metal and covers topics that even advanced makers will find insightful and valuable. In this volume, infamous hardware hacker and DIY inventor extraordinaire Ben Heck kicks things off with a foreword that highlights how CNC technology influenced his own workflow and creative career. ~Guy Blashki of Ponoko.com I am trying to digest all the information it contains... Quite an informative snapshot summary on the CNC market today. You are inspiring me to dust off my 15 year old Multicam relic to get it rebuilt fired back up again. ~ Sean Duby, CEO of Pacific Press Company (PacPress.com) From the Back Cover First there were sticks and stones - they allowed us to hunt otherwise dangerously large animals from a safe distance. This new abundance of calories gave us the freedom needed to develop new innovations such as the wheel, agriculture, and bartering for unique resources. More importantly, our species realized that creating increasingly complex yet understandable technologies allowed us to overcome our genetic deficiencies. Thanks to this insight, we've now conquered the world and become the first animal to leave orbit voluntarily! Our bodies may be weak, but we can move entire mountains. Our nails are not sharp, yet we can engrave even the hardest of diamonds. And although we need to sleep, we've developed machinery capable of running without rest almost indefinitely. CNC machinery is a relatively recent development in the grand scheme of things, but it has revolutionized the ways we work, think, and play. Its incredible precision allows us to have the power of what was once a super computer in our pocket, and it's so cheap that it allows even the poorest among us to instantly communicate with a global audience. We are now in the midst of a new age - some may call it the second industrial revolution, but I simply call it the Rise of the CNC, where a sole person can have the manufacturing prowess of an entire factory from just a few decades ago. Capability is no longer limited by education, creativity is no longer limited by geographical boundaries, and, most importantly, human endeavor is no longer oppressed by those trying to maintain the status quo. CNC machines are the ultimate liberators, giving us the tools necessary (regardless of our physical limitations) to create, build, and share. Learning to use them is the first step in unleashing your ultimate creative potential. You can either profit by learning how to use them now or work for somebody who has already

invested in their potential.