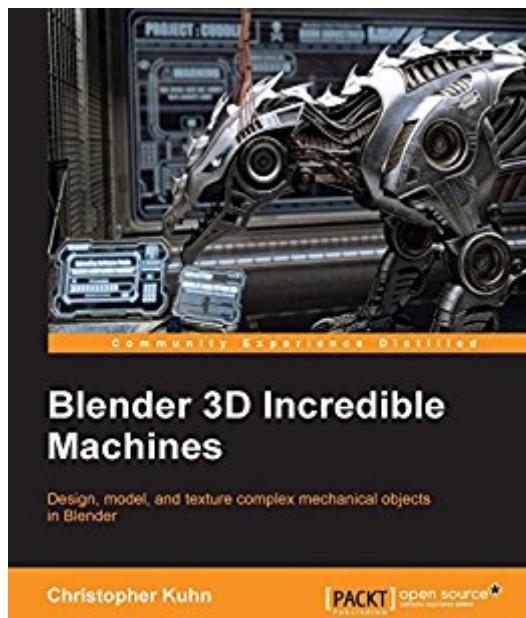


The book was found

# Blender 3D Incredible Machines



## Synopsis

**Key Features** Develop realistic and awesome machines for your 3D projects and animation films  
Gain the ability to look at a piece of machinery in real life and then recreate it in Blender  
Develop a comprehensive skill set covering key aspects of mechanical modeling  
**Book Description** Blender 3D is one of the top pieces of 3D animation software. Machine modeling is an essential aspect of war games, space games, racing games, and animated action films. As the Blender software grows more powerful and popular, there is a demand to take your modeling skills to the next level. This book will cover all the topics you need to create professional models and renders. This book will help you develop a comprehensive skill set that covers the key aspects of mechanical modeling. Through this book, you will create many types of projects, including a pistol, spacecraft, robot, and a racer. We start by making a Sci-fi pistol, creating its basic shape and adding details to it. Moving on, you'll discover modeling techniques for larger objects such as a space craft and take a look at how different techniques are required for freestyle modeling. After this, we'll create the basic shapes for the robot and combine the meshes to create unified objects. We'll assign materials and explore the various options for freestyle rendering. We'll discuss techniques to build low-poly models, create a low-poly racer, and explain how they differ from the high poly models we created previously. By the end of this book, you will have mastered a workflow that you will be able to apply to your own creations. **What you will learn** Reacquaint yourself with Blender's modeling toolset Practice fundamental skills that are applicable to a range of modeling projects Know when and where to use various types of geometry "something that saves time in one instance will pose significant problems in another" Think ahead and plan your project out to significantly improve both quality and efficiency Create models for freestyle use Overcome challenging modeling problems Create customized game models that can easily be exported to other formats. This is one of the most popular uses of Blender, and the results can be incorporated into game design! Get comfortable with the start-to-finish process to create any type of hard surface model  
**About the Author** Christopher Kuhn is a 3D artist and Blender enthusiast. He has been heavily involved in the Blender community since 2010. His company, Kuhn Industries LLC, creates custom 3D assets and educational materials for both professional and non professional uses. In addition to his 3D courses on CGCookie.com, he's written two previous books on Blender (Build Your Own Rocket Bike and Death to the Armatures).  
**Table of Contents**  
Sci-Fi Pistol - Creating the Basic Shapes  
Sci-Fi Pistol - Adding Details  
Texturing and Rendering Your Sci-Fi Pistol  
Spacecraft " Creating the Basic Shapes  
Spacecraft - Adding Details  
Spacecraft " Materials, Textures, and Rendering  
Modeling Your Freestyle Robot  
Robot - Freestyle Rendering  
Low-Poly Racer " Building the Mesh  
Low-Poly Racer

â “ Materials and Textures

## Book Information

File Size: 38021 KB

Print Length: 392 pages

Publisher: Packt Publishing; 1 edition (February 29, 2016)

Publication Date: February 29, 2016

Sold by:Â Digital Services LLC

Language: English

ASIN: B01956B5P8

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #706,986 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #527

inÂ Books > Computers & Technology > Digital Audio, Video & Photography > Video Production

#2224 inÂ Books > Computers & Technology > Web Development & Design > Web Design #4818

inÂ Books > Computers & Technology > Graphics & Design

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

Blender Recipes: 27 Blender Recipes You Can Make with High Speed Blenders - Juicing For Weight Loss & Vitality (Blender Recipes You Can Make With Your ... Star & Other High Speed Blenders & Juicers) Blender 3D Incredible Machines Gourmet Vitamix Blender Soup Recipes: Get The Most Out Of Your Vitamix Blender With These Amazing, Delicious, Quick and Easy Recipes (VITAMIX RECIPE COOKBOOK, 90+ PAGES, VITAMIX RECIPE BOOK) Summary - The Goldfinch: Novel By Donna Tartt -- An Incredible Summary! (The Goldfinch: An Incredible Summary -- Audiobook, Paperback, Novel, Ebook) Summary - The Invention Of Wings: Novel By Sue Monk Kidd --- An Incredible Summary (The Invention Of Wings: An Incredible Summary-- Paperback, Summary, Audible, Novel, Audiobook) Summary - The Immortal Life Of Henrietta Lacks: Novel By Rebecca Skloot -- An Incredible Summary! (The Immortal Life Of Henrietta Lacks: An Incredible Summary --- Immortal Life) Vintage Coca-cola Machines a Price and Identification Guide to Collectible Coolers and Machines Slot Machines and Coin-Op Games: A Collector's Guide to One-Armed Bandits and Amusement Machines Learning Blender: A Hands-On Guide to Creating

3D Animated Characters The Complete Guide to Blender Graphics, Second Edition: Computer Modeling and Animation The Blender 3D Cookbook, Volume 1 Blender Book: Free 3D Graphics Software for the Web and Video Blender 3D Basics Beginner's Guide Second Edition Blender Basics and Beyond: 3d from A-nimation to G-aming Blender Master Class: A Hands-On Guide to Modeling, Sculpting, Materials, and Rendering Badass Blender Body: Stop Chewing Start Losing: (Weight Loss Smoothie Recipes) (Coconut Oil, Detox, Green Smoothie Recipes) Complete Vitamix Blender Cookbook:Over 350 All-Natural Recipes For Total Health Rejuvenation, Weight Loss, Detox, Superfood Smoothies, Soups, Homemade ... & Much More (Vitamix Recipes Series Book 1) Nutri Ninja Master Prep Blender Smoothie Book: 101 Superfood Smoothie Recipes For Better Health, Energy and Weight Loss! (Ninja Master Prep, Nutri Ninja Pro, and Ninja Kitchen System Cookbooks) Red Smoothies: Over 80 Blender Recipes, weight loss naturally, green smoothies for weight loss, detox smoothie recipes, sugar detox, detox cleanse juice, detox ... - detox smoothie recipes Book 260) The Nutri Ninja Master Prep Blender Whole Food Cookbook: 101 Delicious Soups, Spreads, Entrees, Desserts & Cocktails For Your Ninja Pro, Kitchen System ... and Ninja Kitchen System Cookbooks Book 2)

[Dmca](#)