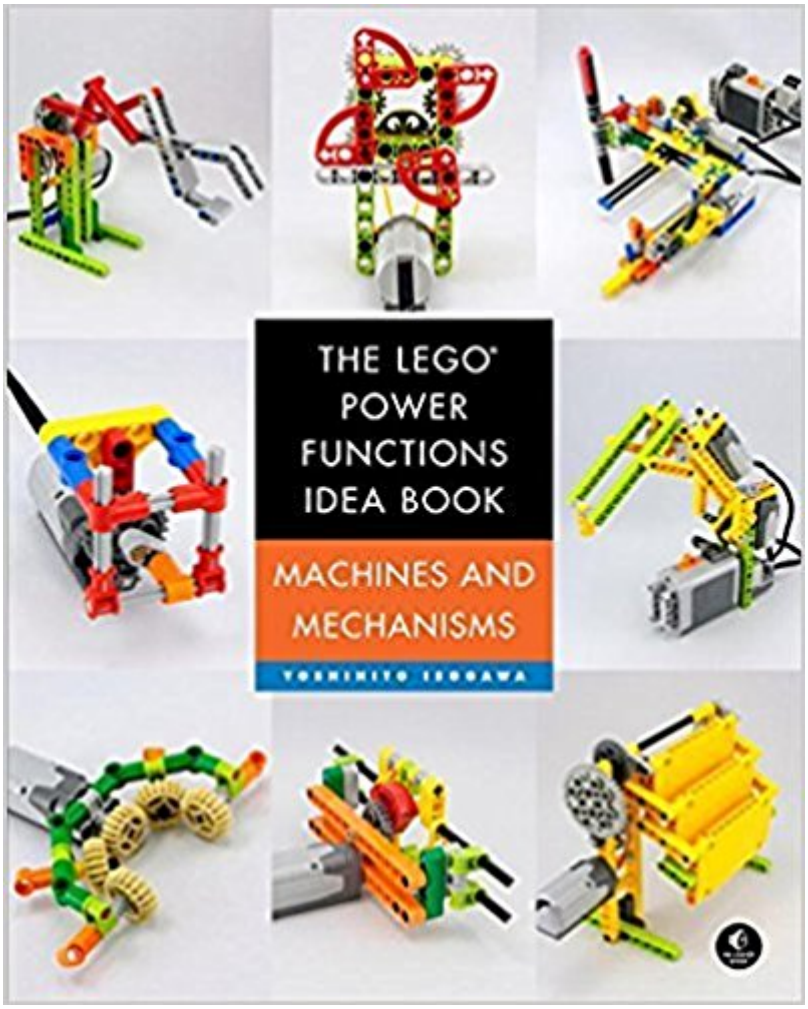
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The LEGO Power Functions Idea Book, Volume 1: Machines And Mechanisms



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Synopsis

This first volume of The LEGO Power Functions Idea Book, Machines and Mechanisms, showcases small projects to build with LEGO Technic gears, motors, gadgets, and other moving elements. YouÃ¢â ¬â„¢ll find hundreds of clever, buildable mechanisms, each one demonstrating a key building technique or mechanical principle.YouÃ¢â ¬â„¢ll learn to build sliding doors, grasping claws, rack-and-pinion mechanisms, and ball-shooting devices of every sort!Each model includes a list of required parts and colorful photographs that guide you through the build without the need for step-by-step instructions. As you build, youÃ¢â ¬â„¢ll explore the principles of simple machines, gear systems, power translation, and more.

Book Information

Paperback: 324 pages

Publisher: No Starch Press; 1 edition (October 1, 2015)

Language: English

ISBN-10: 1593276885

ISBN-13: 978-1593276881

Product Dimensions: 8.1 x 0.8 x 10 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 48 customer reviews

Best Sellers Rank: #30,176 in Books (See Top 100 in Books) #8 inÃ Â Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Models #14 inÃ Â Books > Children's Books > Science, Nature & How It Works > Heavy Machinery #18 inÃ Â Books > Computers & Technology > Computer Science > Robotics

Age Range: 10 and up

Grade Level: 5 - 9

Customer Reviews

Sample Builds View larger View larger View larger View larger

Gearing Down (Powering Up) Gripping Finger Automatic Door Drawing Pictures

Yoshihito Isogawa is a LEGO luminary with 46 years of building experience. In addition to running Isogawa Studio, Inc., he regularly holds LEGO workshops, lectures at schools and science museums, and creates LEGO models for events and exhibitions. He is the author of the popular LEGO Technic Idea Book series (No Starch Press), as well as other Japanese-language LEGO

titles.

Most lego books instuct on how to build a thing. Yoshihito Isogawa teaches engineering which happens to use legos. The lack of words may have gone a bit too far, but overall it's a great effect and puts the focus on the example creations.

Magnificent book. Half fool of projects that can be easily made and cause great gaming feeling. Good pictures, few special pieces.My only problem is that the first half of the book is not interesting. It shows easy projects like how to gear down or gear up.

Great resource! Lots of great ideas and opportunities for my students to learn much about construction. Years worth the material for before/after school clubs.

This is (at least) our third LEGO book by Isogawa. His books are great design aids for LEGO builders. My son loves LEGO building and has gotten more into Technics and Mindstorms in the last year, so he's already starting to use the ideas in this book for creations involving power functions.

Purchased for my Grandson who is 8, and he loves this book. We have to buy a few other power things to make all the machines, but he knows what we need to finish some of his projects.

Not quite what I was expecting, thought it would be more like the legos idea book. My boys don't know what to do with this. For the right person, it's probably great.

Perfect for my students.

Great book - wish I had all the Technic pieces!

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