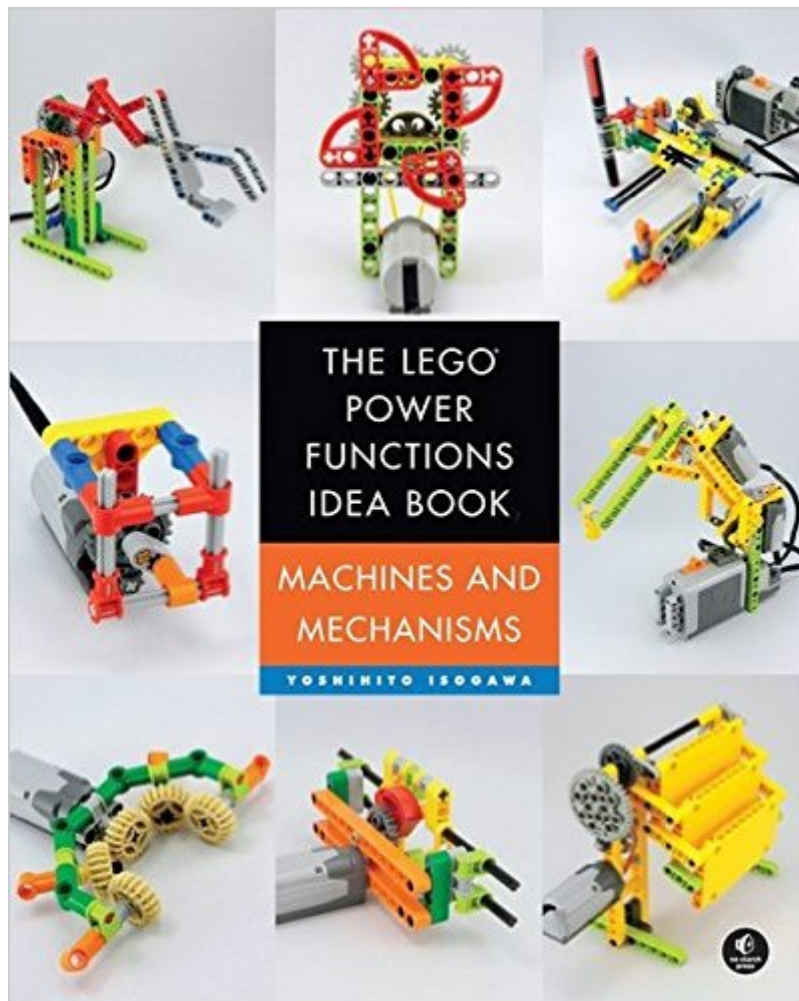


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# The LEGO Power Functions Idea Book, Vol. 1: Machines And Mechanisms



## 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. You'll find hundreds of clever, buildable mechanisms, each one demonstrating a key building technique or mechanical principle. You'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, you'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 4, 2015)

Language: English

ISBN-10: 1593276885

ISBN-13: 978-1593276881

Product Dimensions: 8 x 0.7 x 10 inches

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

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (22 customer reviews)

Best Sellers Rank: #19,287 in Books (See Top 100 in Books) #8 in [Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Models](#) #11 in [Books > Children's Books > Science, Nature & How It Works > Heavy Machinery](#) #12 in [Books > Computers & Technology > Computer Science > Robotics](#)

Age Range: 10 and up

Grade Level: 4 - 9

## Customer Reviews

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Gearing Down (Powering Up)

Gripping Finger

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