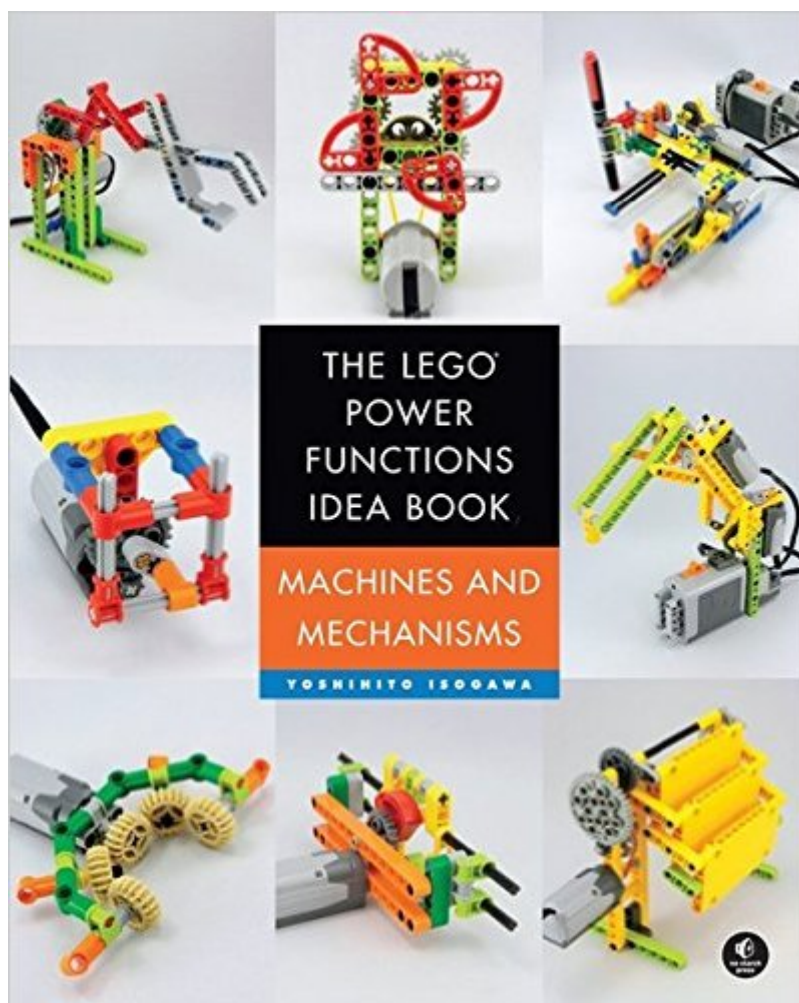


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The LEGO Power Functions Idea Book, Vol. 1: Machines And Mechanisms



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

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