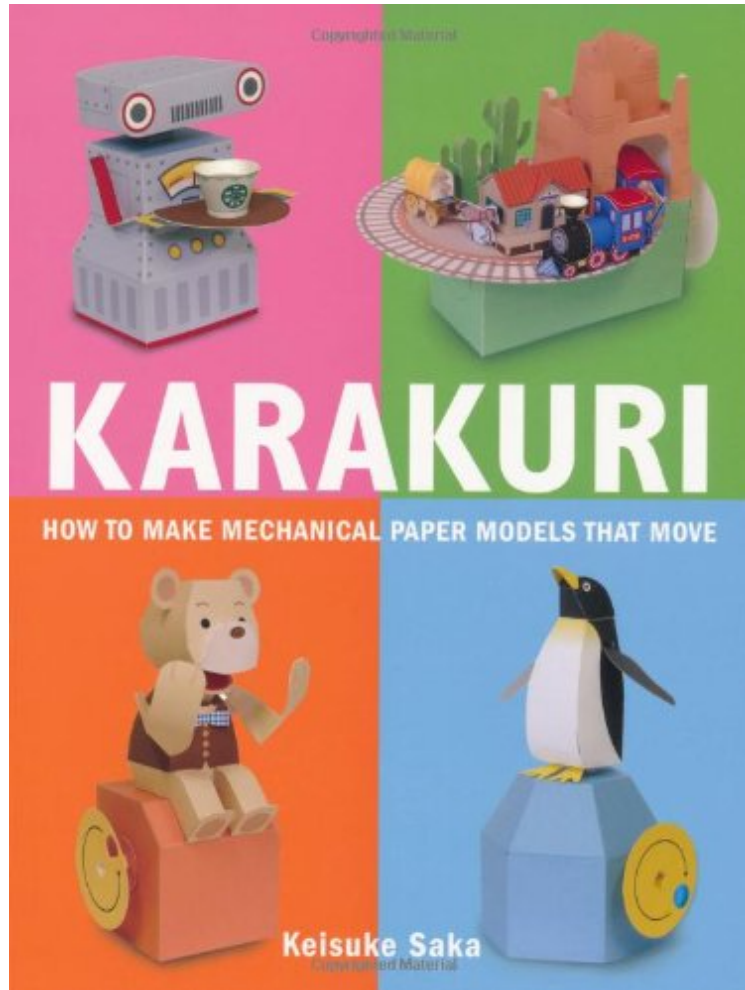


# Karakuri: How to Make Mechanical Paper Models That Move

*Keisuke Saka*

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#18989 in Books St. Martin's Griffin 2010-03-16 2010-03-16 Original language: English PDF # 1 10.92 x 15.24 x 8.58l, 1.50 #File Name: 0312566697144 pages | File size: 59.Mb

**Keisuke Saka : Karakuri: How to Make Mechanical Paper Models That Move** before purchasing it in order to gage whether or not it would be worth my time, and all praised Karakuri: How to Make Mechanical Paper Models That Move:

0 of 0 people found the following review helpful. Good Fun, but do read the instructions!By AngelaI have made the penguin as shown on the cover and the robot! They are great and fairly easy to make as long as you read the instructions carefully. I also suggest testing your glue first as some stick better than others - I like PVA.0 of 0 people found the following review helpful. Five StarsBy Stephanie A. CampbellThe kids at school are loving this!0 of 0 people found the following review helpful. Five StarsBy Diddy1000Great book. Clear instructions and enthusiasm!

Originally published in Japan, Karakuri is an introduction to the simple mechanisms, such as gears, cranks, cams, and

levers, used to bring to life these amazing moving paper models or automata. Included are pull-out pages for you to use to construct your own moving models of the different types of gears. These models serve as the basis for designing your own karakuri or may just be admired on their own. Detailed explanations, accompanied by diagrams, explain the physics behind how karakuri move and operate, so you really learn about the properties of the different types of gears and cams. And to inspire you, also included are four fun, full-color karakuri models designed by the author, a well-known paper engineer. Printed on pull-out pages and easily assembled, the projects include a whimsical tea-serving robot, an amusing penguin perched on an iceberg and trying to fly, a delightful peek-a-boo-playing teddy bear, and a mesmerizing train that goes around on a track and through a tunnel! With complete directions, fourteen full-size models, and the science behind the craft revealed, this book is a unique introduction to an ancient art.

About the Author KEISUKE SAKA is a paper engineer and graphic designer based in Japan. He co-owns a design firm, has exhibited his paper models at a number of museums, and has published many automata kits.