



LAURENCE KING

(<http://www.laurenceking.com/us>)

Category
(<http://www.laurenceking.com/us/category/>)

Exclusives
(<http://www.laurenceking.com/us/web-exclusive-offers/>)

New In
(<http://www.laurenceking.com/us/new-in/>)

Coming Soon
(<http://www.laurenceking.com/us/coming-soon/>)

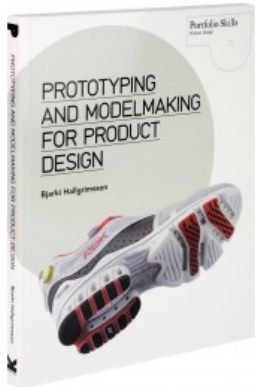
Gifts
(<http://www.laurenceking.com/us/gifts/>)

Student Books
(<http://www.laurenceking.com/us/student-books/>)

Educational Resources
(<http://www.laurenceking.com/us/educational-resources/>)

Children's Books & Gifts
(<http://www.laurenceking.com/us/children-s-books-and-gifts/>)

Home (<http://www.laurenceking.com/us/>) / Design (<http://www.laurenceking.com/us/category/design/>)



Prototyping and Modelmaking for Product Design

By Bjarki Hallgrímsson

Availability: In stock

\$35.00

Add to bag

[Add to Wishlist \(https://www.laurenceking.com/us/wishlist/index/add/product/466/\)](https://www.laurenceking.com/us/wishlist/index/add/product/466/)

[Email to a Friend \(http://www.laurenceking.com/us/sendfriend/product/send/id/466/cat_id/42/\)](http://www.laurenceking.com/us/sendfriend/product/send/id/466/cat_id/42/)

[2 Review\(s\)](#) | [Add Your Review](#)

[Request an inspection copy \(/us/webforms/index/index/id/2\)](/us/webforms/index/index/id/2)

Details

Reviews

Contents

PROTOTYPING

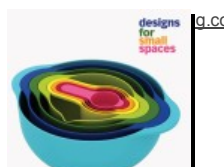
- 1 Characteristics of Prototyping
- 2 How Prototypes Are Used
- 3 Prototyping Interactive Electronic Products

MODELMAKING

- 4 Principles and Choices for Modelmaking
- 5 Health and Safety
- 6 Space and Setup
- 7 Workflow
- 8 Tools
- 9 Adhesives and Fillers
- 10 Paper
- 11 Foamcore
- 12 Polystyrene Foam
- 13 Thermoplastic Sheet and Extruded Shapes
- 14 Polyurethane Modeling Board
- 15 Wood
- 16 Modeling Clay
- 17 Casting
- 18 Painting
- 19 Graphics
- 20 Softgoods
- Glossary/Resources/Index



You might also be interested in





Designs for Small Spaces
[\(http://www.laurenceking.com/us/designs-for-small-spaces/\)](http://www.laurenceking.com/us/designs-for-small-spaces/)



Bike Watching: An Explorer's Journal
[\(http://www.laurenceking.com/us/designs-for-small-spaces/\)](http://www.laurenceking.com/us/designs-for-small-spaces/)



DIY Furniture: A Step-by-Step Guide
[\(http://www.laurenceking.com/us/diy-furniture-a-step-by-step-guide/\)](http://www.laurenceking.com/us/diy-furniture-a-step-by-step-guide/)



The Custom Road Bike (paperback)
[\(http://www.laurenceking.com/us/the-custom-road-bike-paperback/\)](http://www.laurenceking.com/us/the-custom-road-bike-paperback/)

Customer service

- › Delivery & Returns (</us/delivery-returns>)
- › Contact Us (</contact-us>)
- › Trade (<http://www.laurenceking.com/us/trade>)
- › Inspection Copies (</us/webforms/index/index/id/3>)

We accept the following payment types through SagePay:

Socialise with us. Find Laurence King on:

- Twitter (<http://twitter.com/LaurenceKingPub>)
- Facebook (<http://www.facebook.com/LaurenceKingPublishing>)
- Pinterest (<http://pinterest.com/LaurenceKingPub/>)
- Instagram (<http://instagram.com/LaurenceKingPub>)
- Vimeo (<http://vimeo.com/laurencekingpublishing>)

Find out more about Laurence King

- › About Us (<http://www.laurenceking.com/us/about-laurence-king>)
- › Catalogue (<http://www.laurenceking.com/us/catalogue>)
- › Information for authors (<http://www.laurenceking.com/us/information-for-authors>)
- › Book distribution (<http://www.laurenceking.com/us/book-distribution>)
- › Press (<http://www.laurenceking.com/us/press>)

© Laurence King Publishing Ltd. All Rights Reserved. 2015

[Terms & Conditions \(http://www.laurenceking.com/us/terms-conditions\)](http://www.laurenceking.com/us/terms-conditions) [Privacy \(http://www.laurenceking.com/us/privacy\)](http://www.laurenceking.com/us/privacy)
[Accessibility \(http://www.laurenceking.com/us/accessibility\)](http://www.laurenceking.com/us/accessibility)

Website design and development by Orange Bus (<http://www.orangebus.co.uk/ecommerce>)

Bjarki Hallgrímsson. Building prototypes and models is an essential component of any design activity. Modern product development is a multi-disciplinary effort that relies on prototyping in order to explore new ideas and test them sufficiently before they become actual products. Prototyping and Modelmaking for Product Designers illustrates how prototypes are used to help designers understand problems better, explore more imaginative solutions, investigate human interaction more fully and test functionality so as to de-risk the design process. Product description. Building prototypes and models is an essential component of any design activity. Prototyping and Modelmaking for Product Design illustrates how prototypes are used to help designers understand problems better, explore more imaginative solutions, investigate human interaction more fully and test functionality so as to de-risk the design process. Following an introduction on the purpose of prototyping, specific materials, tools and techniques are examined in detail, with step-by-step tutorials and industry examples of real and successful products illustrating how prototypes Prototyping and modelmaking, although inherently related terms, actually refer to different activities. Prototyping is a design method that uses physical prototypes to study and test how a new product will be used, and how it will look and be manufactured. Modelmaking, on the other hand, is the step-by-step method of producing the prototype. For this reason, this book has been divided into two sections: Prototyping and Modelmaking. The first section, Prototyping, describes what physical prototypes are and how they are used in product design and development. The second section, Modelmaking, spe