



Principles of Yacht Design

By Lars Larsson, Rolf Eliasson, Michal Orych

[Download now](#)

[Read Online](#) 

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych

"This book is deeply fascinating...a must." -- Classic Boat

Principles of Yacht Design is the authority on planning and creating your desired yacht. Inside you will find all the essentials, including:

- Design methodology and considerations
- The yacht's specifications
- Hull geometry, including lines plans and computer aided design (CAD)
- Hydrostatics and stability in waves and calm
- Hull design
- Keel and rudder design
- Sail and rig design
- Balance
- Propeller and engine characteristics
- High-speed powerboat hydrodynamics
- Hull construction considerations for sail and power
- Rig calculations
- ISO standards for dimensioning
- Cockpit, deck, and cabin layout
- Weight calculations
- Design evaluation, performance prediction, experimental techniques, and computational fluid dynamics

"A classic." -- Cruising World

"A sound and up to date manual of yacht design . . . a classic in its field" -- Practical Boat Owner

"A definitive work on yacht design." -- Cruising

"Ideal for budding designers and mathematically-minded yachtsmen." -- Yachting Monthly

"The standard book on the subject." -- Yachting Life

"Covers every aspect of the yacht design process." -- IBI magazine

 [Download Principles of Yacht Design ...pdf](#)

 [Read Online Principles of Yacht Design ...pdf](#)

Principles of Yacht Design

By Lars Larsson, Rolf Eliasson, Michal Orych

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych

"This book is deeply fascinating...a must." -- Classic Boat

Principles of Yacht Design is the authority on planning and creating your desired yacht. Inside you will find all the essentials, including:

- Design methodology and considerations
- The yacht's specifications
- Hull geometry, including lines plans and computer aided design (CAD)
- Hydrostatics and stability in waves and calm
- Hull design
- Keel and rudder design
- Sail and rig design
- Balance
- Propeller and engine characteristics
- High-speed powerboat hydrodynamics
- Hull construction considerations for sail and power
- Rig calculations
- ISO standards for dimensioning
- Cockpit, deck, and cabin layout
- Weight calculations
- Design evaluation, performance prediction, experimental techniques, and computational fluid dynamics

"A classic." -- Cruising World

"A sound and up to date manual of yacht design . . . a classic in its field" -- Practical Boat Owner

"A definitive work on yacht design." -- Cruising

"Ideal for budding designers and mathematically-minded yachtsmen." -- Yachting Monthly

"The standard book on the subject." -- Yachting Life

"Covers every aspect of the yacht design process." -- IBI magazine

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych Bibliography

- Sales Rank: #264693 in Books
- Published on: 2014-01-03
- Original language: English

- Number of items: 1
- Dimensions: 10.60" h x 1.10" w x 7.90" l, 2.70 pounds
- Binding: Hardcover
- 352 pages



[Download Principles of Yacht Design ...pdf](#)



[Read Online Principles of Yacht Design ...pdf](#)

Download and Read Free Online Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych

Editorial Review

About the Author

Lars Larsson is a naval architect and professor of hydrodynamics at Chalmers University of Technology in Gothenburg, Sweden. Larsson is president of Flowtech International, a company specializing in hydrodynamic software for ship design. Visit www.flowtech.se for more information.

Rolf Eliasson is a yacht design/construction engineer who has seen more than 5,000 yachts built from his designs. Eliasson is one of the forerunners in using computer techniques for yacht design and the evolution of new designs.

Michal Orych is a PhD student in naval architecture and works with Larsson at Flowtech International AB.

Users Review

From reader reviews:

Donald Hidalgo:

Book is definitely written, printed, or descriptive for everything. You can know everything you want by a reserve. Book has a different type. To be sure that book is important matter to bring us around the world. Alongside that you can your reading ability was fluently. A publication Principles of Yacht Design will make you to become smarter. You can feel considerably more confidence if you can know about almost everything. But some of you think that will open or reading some sort of book make you bored. It is far from make you fun. Why they can be thought like that? Have you in search of best book or appropriate book with you?

Marcy Madison:

Is it you who having spare time subsequently spend it whole day by simply watching television programs or just resting on the bed? Do you need something totally new? This Principles of Yacht Design can be the answer, oh how comes? A fresh book you know. You are and so out of date, spending your free time by reading in this fresh era is common not a geek activity. So what these textbooks have than the others?

Terra Runyan:

A lot of reserve has printed but it differs from the others. You can get it by internet on social media. You can choose the top book for you, science, comedy, novel, or whatever through searching from it. It is known as of book Principles of Yacht Design. You can contribute your knowledge by it. Without making the printed book, it could possibly add your knowledge and make an individual happier to read. It is most crucial that, you must aware about book. It can bring you from one spot to other place.

Graham Ayala:

E-book is one of source of understanding. We can add our knowledge from it. Not only for students but native or citizen will need book to know the up-date information of year to be able to year. As we know those textbooks have many advantages. Beside many of us add our knowledge, may also bring us to around the world. By the book Principles of Yacht Design we can acquire more advantage. Don't you to be creative people? For being creative person must prefer to read a book. Simply choose the best book that acceptable with your aim. Don't be doubt to change your life at this time book Principles of Yacht Design. You can more appealing than now.

Download and Read Online Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych #A9BVW4YXECU

Read Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych for online ebook

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych books to read online.

Online Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych ebook PDF download

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych Doc

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych Mobipocket

Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych EPub

A9BVW4YXECU: Principles of Yacht Design By Lars Larsson, Rolf Eliasson, Michal Orych