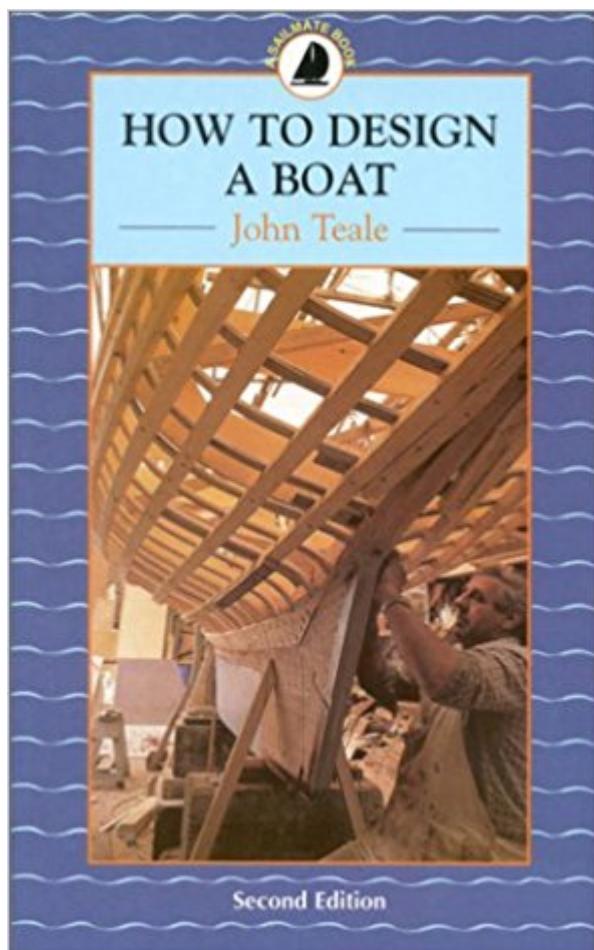


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# How To Design A Boat



## Synopsis

John Teale takes the reader step-by-step through the stages of designing both power and sailing boats, while also explaining the reasons behind the process.

## Book Information

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## Customer Reviews

There are, of course, only two kinds of boating people: those who want a 33 (10m) white plastic cruising-racing yacht and those who want a 33 (10m) white plastic planing powerboat. If you don't believe me, look at the mainstream boating magazines; they patently adhere to the credo that there are no other kinds of boat to which anyone could conceivably aspire. Which makes it particularly brave of the publisher to re-issue this little manual of a distant counter culture. As totemic in its way as Das Kapital or The Motorcycle Diaries, it was back in 1992 that it first gave voice to the radical notion that you might not want to own 33 (10m) of elongated bidet. But its author, the late John Teale, a designer best known for his multi-chine steel motorboats, went even further by suggesting you could actually design for yourself an individual non-bidet to suit your own needs and inclinations. Clearly the boating equivalent of bra burning. Coming back to the book now, with its engaging coursework of a 14 (4.4m) lug-rigged dinghy, a 21 (6.4m) flattie skiff, even a good old-fashioned displacement motor cruiser, I can only cry Viva la revolution! (WaterCraft) This is a step-by-step walk through a series of designs that grow in size and complexity as the reader progresses, we trust with pencil in hand, from chapter to chapter. The author addresses a variety of boat types, small and large, and his writing style is so infectious that the more avid reader is likely to pass from plans on the dining-room table to shavings on the living-room floor without realizing it.

(Cruising World)"The wealth of knowledge and confidence imparted by this book to the beginning designer may even provide incentive for launching a new career in yacht design."--Journal of the American Sailing Association --This text refers to an alternate Paperback edition.

There is nothing magical or particularly brilliant about designing a boat, and you don't need to be an Einstein or a Leonardo da Vinci to sketch out the sort of craft that appeals to you. Indeed this first sketch that many potential owners will have made at some time is the most important part of a design. It needs only the bare bones to be fleshed out and some checks and balances to complete the design process. This may take a little time but it certainly isn't difficult. And the same processes apply for a dinghy as well as a cruising yacht. John Teale takes the reader step-by-step through the stages of designing both power and sailing boats, while also explaining the reasons behind the process. Sketches and reproductions of working drawings are used throughout to help understanding so that by the end of the book even a first time designer's effort can be translated by a builder into a sensible and workmanlike reality. Since it was first published, *How to Design a Boat* has proved itself a bestseller. The second edition simplifies several calculations and introduces new designs.

I had an earlier copy of Teale's book on yacht design and this one is a fine update to a solid, no-nonsense approach on the basics of yacht design - or at least understanding the basics. Teale assumes you already speak the language of boats, but even so I don't know if there is quite enough granularity in this compact little tome for most of us to design one of today's complex high-tech, overly-intricate behemoths, but there certainly is enough to understand and put into practice the fundamentals... which like the sea, haven't changed much recently. But Teale doesn't shy away from addressing the intricacies of modern materials and structures, and even if one never actually designs their own boat, grasping the fundamentals in *How to Design a Boat* will leave the skipper nicely equipped to outmaneuver the shoe-salesman masquerading as a yacht-broker, or the sincere but misinformed dock-expert. For the serious skipper, who has already acquired a nautical lexicon, and wanting to better understand his own craft, this is an first-rate book to have around -- its brevity and succinctly being a great asset. But it is also a great little tome from which to begin pondering actually building one's own boat - especially for a potential builder who is contemplating incorporating some of their own ideas into plans drawn up by other designers.

I am sure that Mr. Teale is great at designing boats, and he knows exactly what he is talking about. I

found the book (as a beginner) to be non-understandable. It reminded me of my High School Physics teacher. He knew his subject and he understood everything he was talking about, but everything was way over the students heads and he could not understand why we did not understand his explanations. That is how I feel about this book. He refers to calculations and charts and graphs with no understandable explanation as to what you are looking at. I must be fair and say I only made it through the first 3 chapters because the deeper I got into the book, the more I realized how far it was over my head. Definitely not for the beginner who is looking for instruction on boat design. I will continue to look further to other books on boat design, maybe someone out there knows how to talk to a beginner. Perhaps later when I learn more about this subject, I will pick this book up and try again.

This book was exactly what I was looking for, brief but full of information on boat design. All the formulas have examples and are easy to understand and do. The book guided me on my own design and made it easy and fun. I still keep it in my flightbag and review it in long airport sit, can wait to finish my own design to see all the info from the book in practice.

Very informative

If you ever considered designing your own boat, this book will have you well on your way. If you follow the design exercises your understanding will be complete. I bought this book to understand design so that I could better comprehend boat plans, which I now can thanks to John Teale.

How to Design a Boat

Fantastic book. I love this book and the way it lays out the information in a very clear cut no nonsense way. No fluff in this book.

purchased this before, glad to have another copy to replace my previous one. a great little book on designing boats

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