

Yacht Designs li

Dozens of detailed drawings plus delightful descriptions and reminiscences of the boats and the people who loved them, the text accompanying each design centers on the background of each boat rather than on a technical study. Each essay is as different as the boat it describes, sometimes explaining a detail of the building process, the origins of a design, the individuals involved, or the evolution of a yacht type.

Well-known as the editor of the best-selling annual Mariner's Book of Days, Peter Spectre lives in Spruce Head, Maine.

Loaded with detailed information about cruising design theory, building, and outfitting, this is the 21st-century update of yacht designer Buehler's popular "The Troller Yacht Book," the guide to fuel efficient and safe offshore cruising powerboats.

Ian Nicolson explores more fascinating yacht designs of the older Alfred Mylne.

Laurent Giles and His Yacht Designs

Sailing Yacht Design

Dick Carter: Yacht Designer

Yacht Design According to Perry

Design Tools and Methods in Industrial Engineering II

The Encyclopedia of Yacht Designers

An illustrative collection of the world's greatest yacht designers features fascinating entries by eighty experts and more than 800 photographs and drawings from legendary figures and contemporary designers.

For new boating enthusiasts--even if they've been at it awhile--there are scores of burning questions. If one boat has a round bottom and another's is veed, what difference does it make in the way they perform? What are the advantages of a cutter rig over a sloop? Why does one sailor swear by a full keel, while others won't have anything but a fin keel? Why does one powerboat have more flare in its topsides than another? And what is flare? Why do some hull shapes look "right"? How big an engine and propeller will it take to move that powerboat? What elements make a boat safe, or comfortable? Understanding Boat Design has been the place to look for quick, uncomplicated answers since 1971. Founder of the Yacht Design Institute, a highly respected designer for more than 30 years, and a frequent contributor to SAIL, Cruising World, and other magazines, Ted Brewer has again revised his classic primer. This new volume has been greatly expanded and contains information on many aspects of design that were not even thought of twenty years ago. Understanding Boat Design has eased tens of thousands of readers into the complex world of small-craft design. It is the ideal introduction for backyard boatbuilders, students of boat design, or someone looking to buy a first boat. "This tight little book should be required reading."--Soundings "A natural for those embarking on a first purchase, or the amateur builder."--Sailing "One of the cleanest and clearest expositions on the elements of yacht design ever published . . . by a naval architect who knows what he is talking about."--WoodenBoat

The first guide to design aimed at every sailor, Yacht Design Explained uses state-of-the-art graphics, dynamic charts and photographs, and clear explanations to show what makes hulls, keels, ballast, rudders, foils, masts, and sails work. It reveals why certain designs perform well and others fail. The authors examine a range of boats, from a 14-foot dinghy to a 40-foot cruiser, from a catamaran to an offshore singlehander. They break through the often confusing physics of yacht design to provide an understanding that sailors can use to get the most out of their time afloat.

Principles of Yacht Design has established itself as the standard book on the subject for practising designers, naval architecture students, discerning boat owners as well as the boatbuilding industry as a whole. The fifth edition is completely revised and expanded. It examines every aspect of the process of yacht and powerboat design. The new edition includes new findings from recent research in aero and hydrodynamics, as well as covering the most recent changes to building standards. The authors have used a newly built 41-foot performance cruiser to demonstrate the practical application of yacht design theory. This new edition includes photos of the building process and detailed explanations.

The Dinghy Cruising Companion

Understanding Boat Design

How to Build Wooden Boats

The Common Sense of Yacht Design

Yacht and Small Craft Design

Sensible Cruising Designs

This book forms part of a two-volume guide to the fundamental principles governing how and why a sailing yacht behaves in the way it does including an understanding of the physics involved and mathematical modelling.

The fascinating autobiography of Dick Carter who won the Fastnet Race in his first go at boat design. This and his other highly innovative designs established a new look and ingenious technological concepts for racing yachts that seem routine today, such as separated rudders, trim tabs, internal mast halyards, oversize headsails and lifting keels.

Excerpt from Elements of Yacht Design A special feature of the book is the series of curves on plates VI, VII, VIII and IX. For determining the proportions of sailing yachts of various sizes. These have been prepared by the writer from data on a large number of yachts. And should prove of great assistance in roughing out a design. The methods presented for determining stability have been selected with reference to their applicability to small work, and are not ordinarily to be found in works on naval architecture. The various operations involved in designing a sailing yacht are illustrated in the text by work on the thirty-foot water line sloop whose plans are given on plates I, II, III and IV This is intended to be a conventional rather than an ideal design, and was chosen on account of its suitability for purposes of illustration. The complete data on this design is given in the appendix. The author is indebted to Prof. C. H. Peabody. Of the Massachusetts Institute of Technology, for criticism and suggestion. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

A highly illustrated guide to the principles and practice of designing of yachts and small craft, aimed at all those keen to build their own boat. Concentrating primarily on hull forms, sails, keels and rudders, the book also deals with the visual aspect of design, culminating in a step-by-step procedure for constructing a boat from scratch. The book assumes no great experience of mathematics of sailing theory.

From Principles to Practice

Hints and Advice for the Amateur and the Professional

Shaped by Wind & Wave: Musings of a Boat Designer

Tales and Advice from Sailing a Small Open Boat

Fifty Wooden Boats

The Great American Yacht Designers

Yacht Designs IMystic Seaport Museum Incorporated

This significant sample of work from one of the world's great yacht designers contains 41 chapters and more than 50 of William Garden's distinctive, salty designs for vessels that range from a 14' dory-style dinghy to a 106' brigantine, to an imaginary steam yacht, to high-tech motorsailers and motor yachts over 100'. In between are cutters, sloops, schooners and ketches, most of them traditional types. Accompanying the photographs and design drawings are the author's distinctive, salty comments on each boat and its background. William Garden's design work, produced in what he calls "a branch of Santa's Workshop for older boys", is a blend of charm and integrity -- and so is his writing.

Ian Nicolson provides a wide range of easy-to-follow designs for the owner, user, builder or repairer of any yacht or small boat.

Principles of Yacht Design has established itself as the standard book on the subject for practising designers, naval architecture students, discerning boat owners as well as the boatbuilding industry as a whole. The fourth edition is completely revised and expanded and follows the design from scratch of a completely new yacht including all new computer-generated explanatory illustrations. As such, it examines every aspect of the process of yacht and powerboat design. The authors have used a newly designed 41 foot performance cruiser to demonstrate the practical application of yacht design theory.

Beginning with the yacht's specifications, the authors examine the vital topics of aero and hydrodynamics and conclude with practical matters such as the layout of the cockpit, deck and cabin, and provide a complete weight calculation for the boat. 'This book is deeply fascinating . . . a must.' Classic Boat 'The standard book on the subject for practising designers, naval architecture students, discerning boat owners and the boatbuilding industry as a whole.' Yachting Life (May 2007) 'A definitive work on yacht design.' Cruising

The Troller Yacht Book

Yacht Designs

Fishing Boat Designs

Elements of Yacht Design (Classic Reprint)

In the Golden Age of Offshore Racing

Yacht Designs II

L. Francis Herrshoff created some great yacht designs. His designs are marked by clean, sweeping lines and a simplicity of hull and rig that show that they have been drawn by a true artist. In each design, he strips away every non-essential and leaves the Reprint of the original, first published in 1904.

This is the first of three major catalogues compiled by the editors of WoodenBoat Magazine. The other books in this series are 'Thirty Wooden Boats' and 'Forty Wooden Boats'.

Clear concise manual for amateurs offers detailed illustrated instructions for building 16 basic wooden craft — rowboats, sailboats, outboards, runabouts, hydroplane, more. 15 halftones. 49 line illustrations.

Proceedings of the Second International Conference on Design Tools and Methods in Industrial Engineering, ADM 2021, September 9–10, 2021, Rome, Italy

How to Cross Oceans Without Getting Wet Or Going Broke - 2ND EDITION

The Best of Uffa

With 16 Small-Boat Designs

Boat Plans at Mystic Seaport

A Veteran Designer's Approach to Conceptual Vessel Design for the Layman and the Beginning Professional

A great book on yacht design for novice designers who want to use pencil and paper or CAD; boat owners who wish to modify their hull, rig, deck layout or accomodation; and those looking to buy.

A great designer offers you a virtuoso tour through the world of sailboats Bob Perry initiated the trend toward fast voyaging sailboats with his world-famous Valiant 40, which has been in production longer than any other cruising sailboat in history. But Perry is not only a leading yacht designer--he is also an accomplished wordsmith whose blunt, insightful, irreverent, and always entertaining boat reviews have captivated readers of Sailing magazine for 24 years. This book is vintage Perry, a no-holds-barred tour of the world of yacht design through the benchmark boats of his 30-year career.

Intended for people who are not boat designers, this book describes how to bring a dream boat into being. Written by an experienced naval architect, it prepares intelligent amateurs create conceptual vessel designs ready for a naval architect's finishing touches. Included are the basic rationales and data needed to undertake a designing project, presented in a style that successfully bridges the gap between technical approach of naval architecture and the simplification of consumer magazine articles. This volume covers a variety of watercraft, so it can be equally useful if youre envisioning a cruising yacht or a sixty-foot fishing boat.

The author aims to give 'a concise and practical presentation of the processes involved in designing a modern yacht'.... so that the operations can be grasped by men without a technical education. ...There are chapters on displacement, the lateral plane, design, stability, ballast, the sail plan, and construction. A thirty-foot cruiser is made the basis of the calculations, and a number of tables is appended to abridge the figuring of important details. The book is illustrated with numerous outline drawings and plates. The book will undoubtedly be serviceable to everyone interested in the subject and possessed of enough technical knowledge to understand it. -N. Y. Times

2 V-bottom Boats of Planked and Plywood Construction

Phillip L. Rhodes and His Yacht Designs

My Boats and What Shaped Them

A Sailor's Guide to the Principles and Practice of Design

Cruising World

This eBook is a collection of random writings by a boat designer explaining boat design in layman's terms, explanations of various boatbuilding methods, how to loft the lines of a boat, effects of decisions made about hull shape, how to turn the hull over and many other boating subjects that you will not find in other books about boat design. It includes a chapter on recommendations for sailing around the Cape of Good Hope as well as one recording the only circumnavigation ever done in an open boat.

This book gathers original papers reporting on innovative methods and tools in design, modelling, simulation and optimization, and their applications in engineering design, manufacturing and other relevant industrial sectors. Topics span from advances in geometric modelling, applications of virtual reality, innovative strategies for product development and additive manufacturing, human factors and user-centered design, engineering design education and applications of engineering design methods in medical rehabilitation and cultural heritage. Chapters are based on contributions to the Second International Conference on Design Tools and Methods in Industrial Engineering, ADM 2021, held on September 9–10, 2021, in Rome, Italy, and organized by the Italian Association of Design Methods and Tools for Industrial Engineering, and Dipartimento di Ingegneria Meccanica e Aerospaziale of Sapienza Università di Roma, Italy. All in all, this book provides academics and professionals with a timely overview and extensive information on trends and technologies in industrial design and manufacturing.

Superseded by the Rev.2 edition (ISBN 9251052018) published on 29.03.2005

Based on the author's articles from various magazines, these unconventional sail and power boat designs include dinghies, pirogues, row boats, schooners, catamarans, dugouts, houseboats, and more.

Fifty Immortal Yacht Designs from Uffa Fox's Five Famous Volumes

A Catalog of Building Plans

Yacht Designer's Sketch Book

Design Commentaries by the Experts

100 Boat Designs Reviewed

Understanding Yacht Design

Coinciding with the centenary of Uffa's birth, this book is a collection of 50 designs and writings from five volumes written between 1934 and 1938, reflecting the best yacht designs of these years. Uffa's ideas form the basis of modern boat design such as the planing dinghy, and many of today's classes evolve from his design, eg. the Flying Fifteen, Firefly and the International 14. He also designed canoes, airborne lifeboats used in World War II and a 25-foot power launch.

This most favored book on the subject includes discussions of contemporary design and materials as they influence the yacht designer's work.

'You will venture into the fringes of the wilderness with the minimum of simple gear, to live with it on its own terms. You will know that one of the sure ways to contentment in this life is a small boat, a fair wind, and a new coast to explore.' Dinghy cruising is a wonderful way to experience nature and new coastlines at close quarters and low cost. Sailing where larger boats cannot reach, and sleeping under canvas onboard or ashore, this is boating taken right back to the basics, and all the better for that. This guide, for all aspiring or already-enthusiastic dinghy cruisers, shows how to get started and how to expand your horizons. The information and advice is interwoven with wonderfully evocative stories of the author's adventures afloat, from idyllic weeks pottering around secluded rivers and coastlines to hair-raising voyages to remote islands. The text covers: Finding a good boat Fitting out for daysailing Boatcraft under engine and oar Mooring and anchoring Preparing for open water Out at sea Coastal navigation Dinghy homemaking Keeping comfortable and safe Illustrated throughout with inspirational colour photos and helpful illustrations, this book shows just why small boats are the perfect passport to remote and beautiful places.

Principles of Yacht Design

Preliminary Design of Boats and Ships

My Yacht Designs and the Lessons They Taught Me

Elements of Yacht Design

Theory

Yacht Designing and Planning