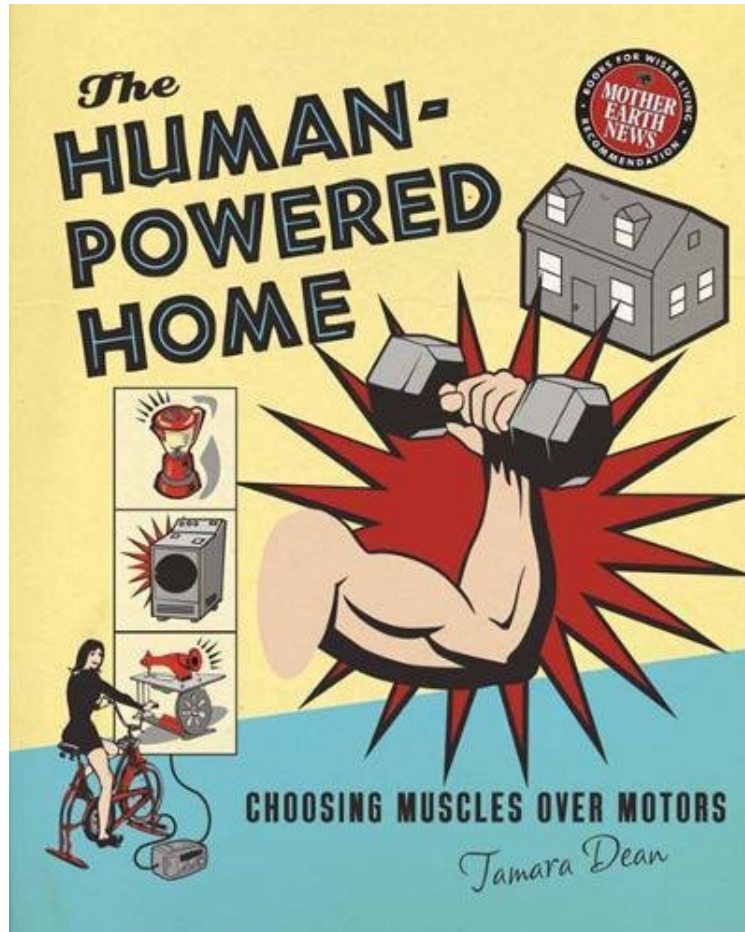


The Human-Powered Home: Choosing Muscles Over Motors

Tamara Dean

*Download PDF | ePub | DOC | audiobook | ebooks



DOWNLOAD



READ ONLINE

#216554 in Books New Society Publishers 2008-11-01Original language:EnglishPDF # 1 10.10 x .70 x 8.10l, 1.35 #File Name: 0865716013272 pages | File size: 40.Mb

Tamara Dean : The Human-Powered Home: Choosing Muscles Over Motors before purchasing it in order to gage whether or not it would be worth my time, and all praised The Human-Powered Home: Choosing Muscles Over Motors:

2 of 2 people found the following review helpful. Great projects!By Bria FlemingThis book is fun and empowering! Full of interesting history, with good clear directions and diagrams for all the projects. Living in a rural area with spotty electricity, these contraptions have saved me so much time and grief!2 of 2 people found the following review helpful. Aren't there more than bikes?By mpellet771I loved that the book told me all about different human powered events all over the world, and the description of how electricity is made was basic enough for me to understand. However, all of the devices suggested in the book involve bicycles. Maybe it's true that it takes a pedal to make something run or make electricity, but I was thinking of other ways to power things.The book is very well written and friendly.10 of 11 people found the following review helpful. An essential book...By hamamelis..for anyone who wants to understand more about pedal powered and other human powered devices. I was looking for this book thirty years

ago, but it hadn't been written yet! This book is excellently written. It is both readable and complete. This year, I taught a group of middle schoolers how to adapt a bicycle to generate electricity. This book helped me to prepare my course work, and I hope to use it again to teach kids about intermediate technologies and their use in the carbon-free, nuclear-free future. I plan to build more pedal powered devices, and this book will be my first and most essential reference.

"The Human-Powered Home is a level-headed book which focuses on informing and entertaining. There is no utopian hyperbole, just useful facts and anecdotes that provide the foundation necessary to take appropriate action. Dean has produced an accessible primer for novices in the area of people power as well as a book that is thorough enough to benefit even experienced tinkerers. - Joel Gillespie, Momentum Magazine" Tamara Dean, author of The Human Powered Home, doesn't want anyone to get the wrong idea. Creating one's own power is not an easy undertaking. But it can be very energizing. The bicycle is the real hero in the book. There are photos and descriptions of dozens of jury-rigged devices, built to do everything from wash clothes to make soap to power laptops. While it's a thorough guide for confident do-it-yourselfers, the book also details how pedal and treadle power can make life-changing differences globally." - Marsha Walton, Mother Nature Network

What if I could harness this energy? An unusual question for anyone putting in a long stint on a treadmill perhaps, yet human power is a very old, practical, and empowering alternative to fossil fuels. Replacing motors with muscles can be considered a political act-an act of self-sufficiency that gains you independence. The Human-Powered Home is a one-of-a-kind compendium of human-powered devices gathered from a unique collection of experts. Enthusiasts point to the advantages of human power: Portable and available on-demand Close connection to the process or product offers more control Improved health and fitness The satisfaction of being able to make do with what is available This book discusses the science and history of human power and examines the common elements of human-powered devices. It offers plans for making specific devices, grouped by area of use, and features dozens of individuals who share technical details and photos of their inventions. For those who want to apply their own ingenuity, or for those who have never heard of human-powered machines, this book is an excellent reference. For those who are beginning to understand the importance of a life of reduced dependency on fossil fuels, this book could be a catalyst for change. Tamara Dean is a technical and environmental writer who lives in Wisconsin, where she and her partner David human-power their grain mill, blender, coffee grinder, and assorted electrical gadgets.

What if I could harness this energy? An unusual question for anyone putting in a long stint on a treadmill perhaps, and yet human power is a very old, practical and empowering alternative to fossil fuels. Replacing motors with muscles can be considered a political act-an act of self-sufficiency that gains you independence. The Human-Powered Home is a one-of-a-kind compendium of human-powered devices gathered from a unique collection of experts. Enthusiasts point to the advantages of human power: Portable and available on-demand Close connection to the process or product offers more control Improved health and fitness The satisfaction of being able to make do with what is available This book discusses the science and history of human power and examines the common elements of human-powered devices. It offers plans for making specific devices, grouped by area of use, and features dozens of individuals who share technical details and photos of their inventions. For those who want to apply their own ingenuity, or for those who have never heard of human-powered machines, this book is a fine reference. For those who are beginning to understand the importance of a life of reduced dependency on fossil fuels, this book could be a catalyst for change. (2008-05-07) About the Author Tamara Dean is a technical and environmental writer who lives in Wisconsin, where she and her partner David human-power their grain mill, blender, coffee grinder, and assorted electrical gadgets.