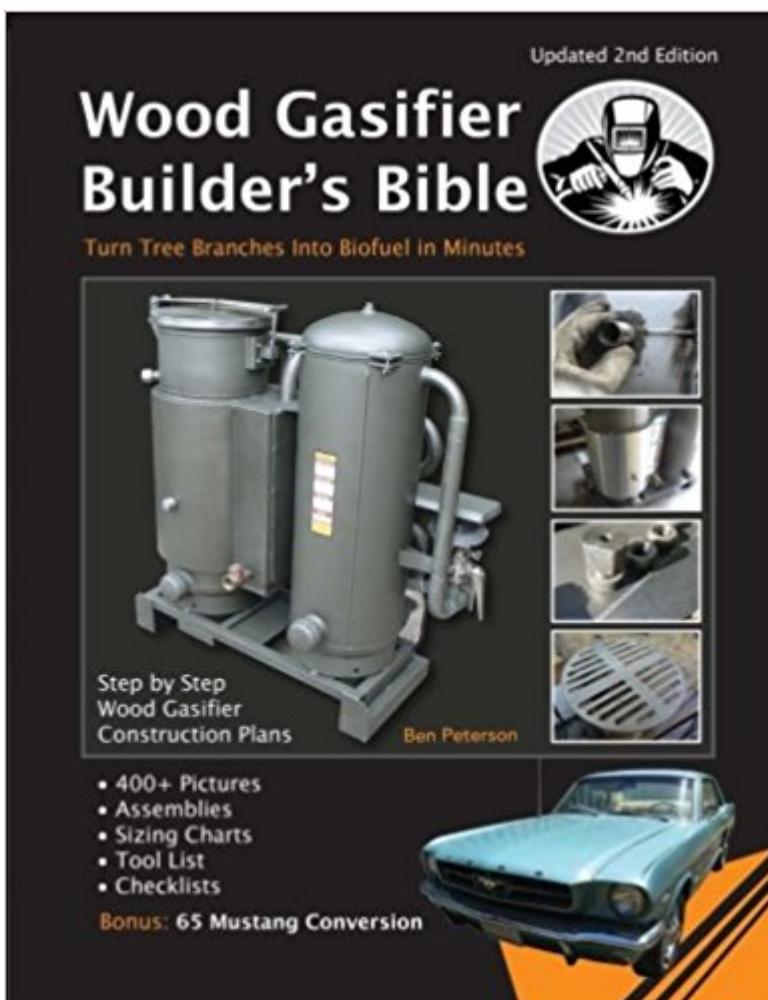


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# Wood Gasifier Builder's Bible: Transform Tree Branches Into Free Bio-fuel In Minutes



## Synopsis

Complete construction plans to build a wood gasifier with step by step schematics and hundreds of pictures, part lists, budgets, material selection and much more. Plus, new to this edition is gasification theory, operations & troubleshooting checklists and the critical hearth sizing chart that allows you to properly tune your gasifier. Engineers will appreciate a set of wood gas energy values so they can make calculations. With a wood gasifier you hold the keys to modern civilization: - Fuel electric generators - Heat greenhouses - Pump well water - Make activated carbon All using the sticks and branches from your own property to make free fuel, safe at home... forever! Secure your homestead & rest in peace no matter what the future holds for you and your family. Get back to basics. Get back to a sustainable form of energy and a sustainable life. Get this book and build a high quality wood gasifier the first time.

## Book Information

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## Customer Reviews

I ordered my copy regular delivery on the 19th, and received it on the 23rd. Thanks !So, you reading this are wondering if this book will give you what you want, what you need for your \$59 base USD layed out?Two days now I've had a chance to page, by page, detail read this now.For most who are interested enough to even look at a book of this type: yes, Yes, and YES.For a few . . . m-a-y-b-e, you betcha'.And for a very few other looking: DO NOT BUY THIS BOOK.I reviewed the first book release version in 2014. I will not be repeating saying what I'd said back then. So first best you click back and read the 12-13 reviews of that 1st version. #1501092761It will be the one with the red

outlined welder man/woman on the cover. Read those and all to heart. Read the other so far 6 reviews on this second version (with the Mustang car on the cover).I'd said before that the first book version had more picture in it than ANY three other woodgas publication that i had out of 32, then total.True. For photo-pictures. I've had to learn to follow some of these when written in German, Dutch, French, Russian, and even some old info in Portuguese and Spanish. The Swedes and Finnish have been very good getting their information up into universal English. Google translate is ok, but poor for last centuries archaic languages and technical languages. It was the numerical tables, charts, graphs and line illustrations and maths equations than has made understanding possible.So re-comparing now adding up all of these, this is how my major-use publications compare:1st Woodgas Builders Bible count out to an actual 401.This 2nd revised/expanded version counts out to 517.Vesa Mikkonen's (2010 version) WOOD GAS FOR MOBILE APPLICATIONS counts out to 516.Wayne Kieth's/Chris Saenz's 2013 Have Wood Will Travel counts out to 132.1983 published Producer Gas: Another Fuel for Motor Transportation counts out to 99.And my personal favorite: 1974's THE PEGUSAS GASIFIER by Niels A. Snov & Mark L. Papworth count out as 82. (This one re-published released as Drive On Wood)Only three out of all of the wonderful 19th, 20th and now 21st century books could you actually build a durable, effective working unit from.Historical inspiration is fine and dandy. But it is knowing there is a way forward to those willing to "sweat the wood" to have personal modern life energy that is great! Using only the suns energy that falls annually onto the face of our blue-green home that is the heart of the matter.We've been needing a PLAN-of-Action book for a long time. 19th, and 20th century works did not deliver this.NOW we have three 21st century written and released books.Only this one: BenP's book is the only one of these three can buy, one-button .VesaM's book has no ISBN. No publishing house. He has these printed up and pictures hand binding these himself. in 2010 it was 121 Euros. And worth every centime. Still available.Wayne Kieth's book you direct order on the site Chris Saenz hosts and Administrates. \$50 buy you the book (Not or any other) and a one-years subscription to the Kieth gasifier premium section of that site. Lots of Do-builder help there.When BenP released his first book version that was in conjustion with an eight part series of youtubes covering history, theory, show-and-tell Ben'sBook System building. Even a bit of his own person history/quest. His goals for the future.The first book was just suppose to be the building PLAN and operational details.But he named it "Bible". Setting up the expectations for a woodgas "genesis" history beginning. And a future "revelations" ending.The additional 90 pages and reduced font size in this second version adds all of this in. And so actually has twice the content.DOers. DO BUY THIS BOOK.Another reviewer here, a previous first book version buyer says to buy this one too. All of the PLAN info is

still there. many of the diagrams now 3-D superimposed. A bit of math now for those insisting. Expanded downward engine range usage from 1000cc to 500cc. And a whole lot of cheeky BenP humor, pithy been-there, tried-that wisdoms, too. Yep BenP is my friend. Dragged me out of my seclusion-shell and did a video interview of me. Who is me? Back cover of this book can be brought up, expanded out to be able to read the 20 different types of folks BEnP directed this book towards. Me-us-we ain't any of those. We are the 3rd-5th generation of Rural living landowner WHO NEVER LEFT. Staying, and hanging on. We grow/raise trees, crops, critters, and kids. And Who-Should-Not-Buy-This book? Sheeple. Cake-eaters, Pizza-eaters. Believers that a 1985 Hollywood writers fantasy about a Delorean mounted eats-all Mr Fusion 2000 will be genuis'ed-up, Just-In-Time-of-Need, if you just Disney/Peter-Pan believe and wish it hard enough. Just because you have N-e-e-d-s. Better to spend your \$59 going out and planting W.A.L.L.I.'s captains pizza-trees. Steve Unruh associate member of the 5000 strong Washington State Tree Farmers Association; member of the the Washington State Grange Association

First I want to say, well done! The original book was really unique in the shear volume of pictures and step by step build information it contained but lacked any real theory. This new edition gives a really well expressed and concise view of gasification principles as well as a quick sheet of essential numbers so readers can do their own basic calculations. Plus the new Hearth Ratio chart is next level. Worth the price of the book alone to a real builder. There is a whole set of assembly diagrams to go with the schematics and a few more upgrades in the back. A nice set of operational checklists and troubleshooting information too. I was pleasantly surprised to see a Mustang conversion project with build photos of the gas producer up to the cooling tubes and under hood. This project deserves its own book if it works well. When I pre-ordered from the authors website [woodgasifierplans.com](http://woodgasifierplans.com) I was only expecting a few extra pages and some basic revisions, but this edition is nearly 100 pages longer. And with new concepts like plastic to fuel, it will keep my head spinning all summer while I gather parts to finally build. Well worth the money. Keep the books coming Ben.

I am a member of a ARES/RACES team that, if called upon, would help provide emergency radio communications to our county in the event of a disaster. In the past nine years living in the Pacific Northwest, I have lived through two snow storms and a wet microburst (isolated rain/ wind event with wind speeds approaching 85 mph) all of which downed power lines and trees and left us without electricity for just over four days multiple times. In each event, I had plenty of stores of food, water and just enough fuel to keep the generator running for just over a week. But what if I needed

to keep the generator going longer?In June of 2016, I participated in the Cascadia Rising Exercise, a multi-state (Oregon, Washington and Idaho), multi-jurisdictional (military, federal, state, county, tribal, local) exercise which was designed to test the interagency response to a Cascadia earthquake, 9.0+ event and resulting tsunami emanating from the Cascadia fault line off the coast from northern California to southern Canada. I soon discovered that relief would not happen in days, but rather weeks to months and that the relief efforts would be hampered greatly by weather/ the time of the year, aftershocks and the extent of the damage to critical transportation infrastructure.Following this exercise, FEMA changed its guidelines from recommending homes should maintain a 3-5 day supply of food, water and essentials for the family to that of maintaining a 2-3 week supply. This might be sufficient for some communities, but smaller towns at a distance from population centers, given the impact on transportation and roads, would need to be prepared for considerably longer period of time before relief could be provided.Translation: (1) my one week supply of fuel for my generator is simply not enough, and (2) the probability of getting fuel to keep my home and radio station operational to support emergency services past that time appears to be virtually nil.I needed to come up with an alternate fuel source that was not dependent on transportation and infrastructure sources that simply might not be available for weeks or even months. I'm a volunteer, not a government agency and needed to find a way to fuel my generator, keep my house power on and radio station up without breaking the the family piggy bank. This is volunteer work, and the cash to do this isn't coming from government grants.I looked into multiple ways of keeping the lights on and the radio station up and decided a wood gasifier was my best and most economical option. Of all the gasifiers I studied, Petersen's is the best documented, best supported and in my estimation, the best quality one for the do-it-yourselfer.Petersen's book is not a "just-throw-a-few-things-together-and-voila" book. There are three distinct elements to it: (1) He explains the gasifier as a working refinery, explaining how wood becomes fuel gas; (2) he has a clear, step-by-step approach detailing how to build the gasifier, and (3) he has additional tools available to support the builder available on his website.Peterson offers troubleshooting help (based, I'm certain on personal experience and multiple builds), maintenance tips and a section on upgrades to make your build more efficient. After you finish welding up your gasifier, you'll still be referring back to his book as a reference tool to better understand the refinery process and maintenance procedures.Gasification is not "plug-and-play" and building a gasifier isn't easy but this book comes as close to making that a reality as anything I've read, and his experience exudes from the pages.Something else to consider: the gasifier is the fuel refinery. You still have to control the fuel into your generator. To make that a reality, I highly recommend you read Petersen's companion

book on carburetors. This, when coupled with the gasifier refinery will control the fuel mixture to your generator. You really need both. I highly recommend this book to anyone who takes preparedness seriously. Who needs this book? If your breakfast and dinner and coffee comes exclusively through a drive-thru windows and restaurants, you probably can't be bothered with this book. If you're Amish, the grid going down isn't going to impact you. If, however you live and love an area that could see events that could seriously impact your life, you need to take this book seriously. Here are two links to consider: The story in the New Yorker about the Cascadia

Earthquake: <http://www.newyorker.com/magazine/2015/07/20/the-really-big-one> The After Action Report for Cascadia

Rising: [https://www.fema.gov/media-library-data/1484078710188-2e6b753f3f9c6037dd22922cde32e3dd/CR16\\_AAR\\_508.pdf](https://www.fema.gov/media-library-data/1484078710188-2e6b753f3f9c6037dd22922cde32e3dd/CR16_AAR_508.pdf)

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