

WOOD GAS FOR MOBILE APPLICATIONS

Now available a gasifier manual, which describes the latest innovations in wood gas technology for English speaking wood gas enthusiasts. The book includes detailed drawings of my most recent wood gas powered car and gasifiers. Because gas demand of the cars is different, dimensioning guidelines and complete drawings of smaller gasifiers are included in this edition. The text part gives you an idea of the whole wood gas concept, how it works and how it should be used. Drawings section includes part lists and drawings of all the part needed for gasifier, trailer and modification of the car. Addition to this, drawings of small and medium size gasifiers for smaller cars are included. Book includes total 281 A4 size pages. The drawings have been tested in practice and several wood gas generators have been built according to these plans by me and by others.

Key features of the systems presented in this book are

- Proven construction and process, which is based on experiences of over 100 000 km drive with wood gas powered cars since 1994.
- Easy service and 1000 km service interval.
- Can be manufactured by experienced home mechanic.
- Water separation, which suits for all vehicles.
- All parts have been manufactured and tested in practice.
- This book is written by a devoted genuine specialist, not by a writer only. Book is composed as a hobby with a special interest on both the technology and writing. Book is professional quality work.



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AVAILABLE AS AUTHOR'S EDITION

Cover of the book, below the list of contents

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The book cover has a dark green background. On the left, a photograph shows a man in a striped shirt standing next to a silver trailer-mounted wood gas generator. The generator is labeled 'KIRPEELLÄ KÄNEVÄ AUTO'. In the background, a silver pickup truck is parked. On the right, a photograph shows a gold classic car with a similar wood gas generator trailer attached to its back. The title 'WOOD GAS FOR MOBILE APPLICATIONS' is printed in white at the top right, with the author's name 'M.Sc. Vesa Mikkonen' below it. A vertical title 'WOOD GAS FOR MOBILE APPLICATIONS' runs down the left side of the cover. At the bottom left, there is a block of text describing the book's content. At the bottom right, the text 'CONFIDENTIAL FOR PERSONAL USE ONLY' is printed.

WOOD GAS FOR MOBILE APPLICATIONS

WOOD GAS FOR MOBILE APPLICATIONS

M.Sc. Vesa Mikkonen

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Convert your own car to run on wood gas and you will be happy on the day when there is no oil.

AUTHOR'S EDITION

This book is devoted to all those private enthusiasts who are keen on converting their vehicles to run on wood gas. The construction of mobile gas generator is described in a practical way by examining the detailed structure of modern wood gasifiers together with the whole process of using wood gas as a fuel for transportation. Personal experiences gathered during the past 15 years have confirmed wood gas to be a reliable source of energy for daily transportation.

Detailed drawings of the most recently built wood gas powered cars are included in this edition. Since cars differ in size and fuel demand, dimensioning of the most critical parts of a gasifier are presented with complete sets of drawings describing lighter gasifiers suitable for smaller cars. The three gasifiers which are presented cover the whole variety of vehicles beginning from standard European passenger cars up to full size American automobiles.

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Text at back cover of the book

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