

About ReGaWatt

The ReGaWatt team has been dedicated to designing and planning highly efficient energy systems in various industries for more than 25 years. With every new project, we are still driven by our pioneering spirit to realise energy systems that meet special technical, economic and ecological needs. This is shown by references in Germany, Switzerland and the Netherlands.



Based on the principle of combined heat and power, natural wood is turned into highly efficient electricity and heat

REGAWATT



Highly efficient energy systems

KOMBI POWER SYSTEM®

The high-performance power plant.

Your path to independence

From the initial idea to the completed project: together we will realise your sustainable high-performance power plant with an optimal cost structure. Ready to use, in about a year. Thereafter, you can rely on our after-sales service.

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- independent heat and power
- reutilise all kinds of wood chips
- make use of the best cogeneration
- combine individually through a modular principle
- provide lucrative energy for heat grids
- reduce your carbon footprint

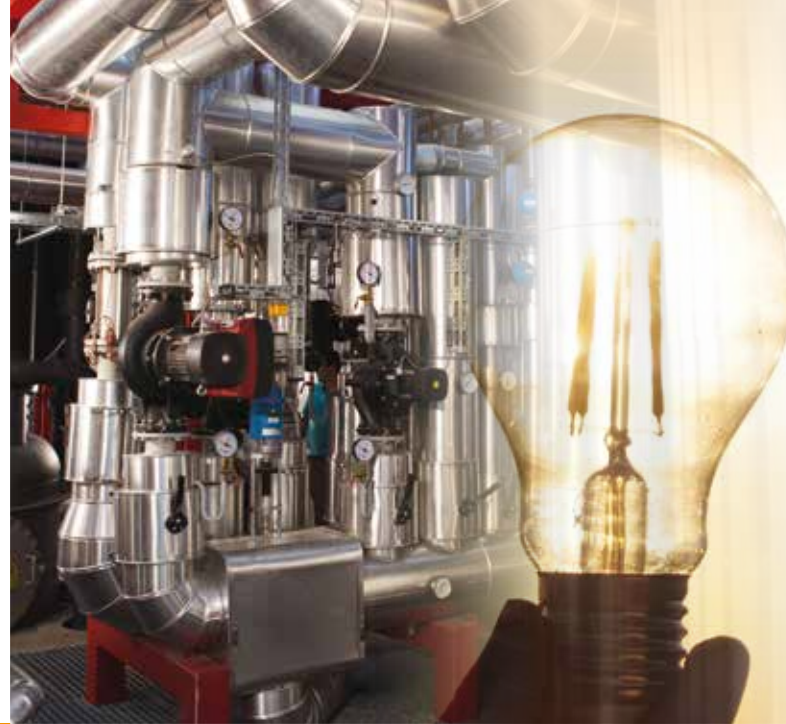


www.regawatt.de

Why should you invest?

Wood-based energy is worth it again. With the flexible **KOMBI POWER SYSTEM®** you become independent of rising energy prices. We tailor your individual system to your heating requirements with powerful cogeneration.

Make your company and community a reliable blackout resistant power house. Generate lucrative additional income as an energy supplier for external heat grids. Use all of your wood chips easily, even moist ones. Benefit from the highest climate-neutral efficiency.



How does the system work?

The **KOMBI POWER SYSTEM®** is based on the gasification of natural wood chips. The basis is an counterflow gasifier and a combustion chamber. This is adjoined by, for example, a hot water boiler in connection with a cooler and gas engine or a thermal oil heater. The individual components can be coupled in different sizes. Tailored to your needs, to your company.

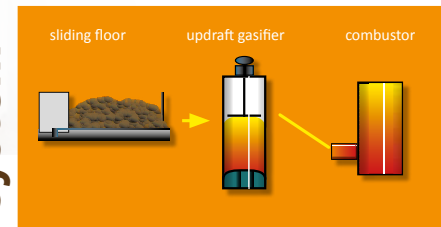
Compared to traditional boiler and turbine technology, the **KOMBI POWER SYSTEM®** offers significant advantages: higher electrical efficiency, lower emission values without complex filter technology – furthermore without any cyclone and filter ash.



KOMBI POWER SYSTEM®

Compared to other gasifier systems, with the **KOMBI POWER SYSTEM®** the combustible does not need to be dried. With 1.6 - 9.0 MW fuel input and 450 - 2600 kW electrical output, the system features a considerably larger performance capacity.

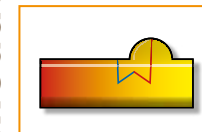
Basic module



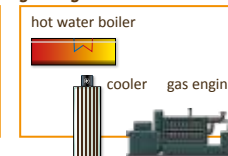
additional module flue gas condensation



module thermal oil heater



module gas engine



additional module ORC



modular system

Your wood residues can do more.
With our modular Kombi Power System.



Every production site has different energy requirements. We determine this with a sound efficiency analysis and are therefore able to implement customer-specific solutions.

The **KOMBI POWER SYSTEM®** for your company and community is therefore unique.