



Press Release

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Spanner Re² celebrate 10 years of Biomass CHP innovation & experience Manufacturer offers exclusive All-inclusive jubilee package.

Spanner Re² was put its first wood gasifier into operation in 2008. Since then, the company has installed more than 700 systems worldwide with more than 20,000,000 operating hours of experience. On the occasion of this auspicious anniversary, the manufacturer is celebrating by offering an exclusive All-inclusive package.

Neufahrn i. NB. Spanner Re² was founded in 2004 as the "Renewable Energies" division of the Spanner Group. At the beginning, the innovative company manufactured OEM biomass boilers for renowned boiler manufacturers.

Pioneering achievement in the field of wood gasification

In 2006 Spanner Re² began to work on the development of a production-ready wood gasifier. The basis for this was provided by Bernd Joos, who had been privately working on a functioning plant for more than 30 years. "Through creativity and commitment, Spanner Re², in cooperation with Bernd Joos, was able to develop a functioning, reliable Biomass power plant. I have great respect for his performance", says Thomas Bleul, Managing Director of Spanner Re². "Bernd Joos has cracked the key to a fully functional system with very simple means - with scrap parts - namely to extract a motor-capable gas from the reactor", says Bleul.

In 2008 Spanner Re² introduced their first wood gasifier to the market

From then on, the company continued to develop wood-power-technology. In 2008 they commissioned their first wood gasifier on an agricultural farm in Baden-Württemberg in Germany. "Our primary goal was to find a way to theoretically produce the raw material needed for energy production ourselves. Because the need is that: Fossil fuels are becoming scarcer and scarcer, and instead you have to resort to other, regenerative sources. I only consider photovoltaics to be a limited solution. We in our farm community therefore soon agreed to work with wood in the energy sector. Of course, this is a good idea, as we have a lot of marginal land, i.e. hanging areas such as forest edges and groves", says Thomas Schmid, Spanner Re²'s first wood gasifier customer. "Providing heat and electricity decentrally from domestic biomass means an enormous increase in regional added value, as 'renewable' energy is linked to a sustainable economic system. This means that dependence on energy exports is reduced, capital does not flow into importing countries and is therefore available to the national economy", adds Schmid. "We have never regretted the decision to invest in a wood gasifier from Spanner Re². Due to the increasing energy demand of the farm Schmid converted his plant to a wood gasifier from Spanner Re² with 45 kW_{el} in 2016.

Proven wood gas technology adapted to our customer's requirements

Together with its customers, Spanner Re² has continuously developed its wood-power-technology in terms of performance, comfort and efficiency and has established itself as one of the leading manufacturers of wood-based CHP plants worldwide. Spanner Re² offers solutions tailored to requirements in a power range from 9 kW_{el} to 2 MW_{el} for almost every area of application.

Take advantage of our All-inclusive jubilee package now

On the occasion of the anniversary, Spanner Re² has put together an exclusive All-inclusive Celebratory package and offers a limited, turnkey container solution with pre-installed wood gasifier (49 kW_{el} / 111,2 kW_{th}), including fine and coarse sieving in the conveyor unit and an automatic wood chip drying system.

Biomass CHP pays for itself

In Germany, for example, a monthly income of 4,300 Euros can be achieved with a full feed-in according to the current EEG with an annual running time of the plant of 8,000 hours. The heat income is generated on top of that as well. Using the electricity or heat for your own use is possible at any time. With Spanner Re²'s Jubilee package, an ROI of 3.8 years with 8,000 operating hours per year is consistently achievable.



What does an operator have to invest?

Experience has shown that around 2.2 cents per kilowatt hour of electrical material costs and approx. ten hours of working time per month are required to operate the plant. Maintenance work can be carried out 100 % in-house. To this end, the manufacturer offers its customers free training courses at the Neufahrn plant. In addition, the wood gasifier requires around 30 tons of dry wood chips per month for a running time of 8,000 hours per year. The All-inclusive jubilee package includes a wood chip dryer, which can be used as required.

Pictures:

Wood cogeneration plants from Spanner Re² generate electricity and heat from wood according to the principle of combined heat and power generation.

Wood chips with those customers running times of over 8.000 hours in the year with Biomass CHP from Spanner Re².

On the occasion of the 10-year anniversary of its Biomass CHP, the Lower Bavarian manufacturer has put together a limited All-inclusive jubilee package consisting of a turnkey container solution with HKA 49, sieving and wood chip dryer.

Source: Spanner Re² GmbH