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Biomass Gasifier- a Global Primary Source of Energy Supplier by [Mike Nicholson](#)

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Biomass Gasifier is the primary source of energy supplier as they produce electricity and thermal energy from various waste products that includes wood chips that are collected from hard and soft wood, sawdust, coconut shells etc. The bio max units heats up the fuels with one third of the oxygen that are required for a complete level of combustion to produce the mixture of the carbon dioxide as well as hydrogen. This mixture is commonly known as syngas.

The energy that bio mass generates is nearly about 11% of the global energy supply and 2 million people depend upon the biomass for the energy. The process of wood gasification is catching on like a wildfire and with the usage of viable technology that is used for avoiding the green house gas emissions. Earlier wood gas was quite cheaper as compared to now as even the charcoal gasifiers have an edge and is quite easy to handle too.

You can see that there are many different kinds of gasifiers where gasification systems are used. You can get hold of various gasifier suppliers who supply these products and they also supply screw press. There are a lot of gasifiers that even produce gas from wood and then eventually burn the gas which would leave no ash and charcoal. The wood chips that are used in the gasification plant and the gas that has to be produced with it are a sort of light in the furnace of the chamber.

There are various technologies that are involved in this process where the material would range from boilers to gasifiers to may be just plain wood. The wood gas that is used can be used with power cars that have ordinary internal combustion engines where the gasifier is also attached along with it. If you look at the performance scale for these products then you need to consider the air factor, feeding point position and the height of the bed. They develop and produce higher level of gas efficiency and it also provides minimum tar content to the gas.

There are also other parameters with which you can analyze the optimization of the pressure drop and the bubble diameter that is required for this process. Syngas is also produced in different gasification systems which are supplied by various suppliers who also supply biomass gasifier and screw press. So you can make your choice as to how you want the energy to be conserved.

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[Mike Nicholson](#) - About Author:

Established in 1951, United is a leading Supplier and manufacturer of Equipment and Turnkey Projects for Oil Seed Extraction, Vegetable a [Edible Oil Processing](#), Vegetable Edible Oil Extraction, Biomass Gasifier, Gasification System, a [Screw Press](#), Oil Expeller and Renewable Energy Equipment.

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