

## JARVIS AT THE FOREFRONT WITH BIOMASS BOILERS



JARVIS could help its RSL partners meet the new codes for sustainable homes by using biomass boiler systems.

Biomass is being recommended by the company on its larger RSL projects when using the innovative Jarvis MMC housing system, which uses modern methods of construction without compromising quality.

'Biomass' is the term used to describe organic fuels of animal or vegetable origin, and those directly from trees or crops, which can also be produced from industrial, commercial or agricultural waste.

Because the fuel source is organic, when it grows it absorbs carbon dioxide from the atmosphere which matches the emissions from the production of heat and energy. Balancing the input/output of carbon dioxide gases is achieved by a programme of continual replanting of the trees or crops used for fuel. The depletion of carbon fuels strengthens the case for the use of such boilers.

Biomass boilers use wood pellets and chips as standard fuel, but grain as well as logs can also be used, and these are bi-products of the timber and agricultural industry.



With Jarvis embracing biomass and other renewables in its RSL homes, all levels of the Codes for Sustainable Homes can be achieved.

Locally-sourced biomass fuels are now available to counter the costs of transportation over long distances, and, as a result, cut even more carbon emissions. This also helps to avoid rising fuel costs affecting the customer.

Jarvis uses biomass boilers which operate in an uncomplicated and extremely efficient way. This is because their installation can provide energy even when the sun is not shining and the wind is not blowing – so when it is most needed. Also, the fuel used is cheap, particularly wood chip, and is readily available.

As a result, today's biomass boilers' competency levels are higher than ever before, with heat production at **91-93%** efficient.

Jarvis can advise clients how biomass boilers can be used under the correct conditions to achieve both sustainability and carbon-neutral effects.

## Biomass an energy that will not cost the earth

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