

BIOMASS

Arigna Biofuels



New Biomass Product

Available in
20kg Bags



Product Benefits:

- ✓ Suitable for all appliances, Open Fires and Stoves
- ✓ Carbon Tax Free
- ✓ Made in Ireland using 100% renewable raw materials
- ✓ Ashes can be used as a fertiliser on your garden
- ✓ Energy dense product that is very easy to light

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How do we do it?

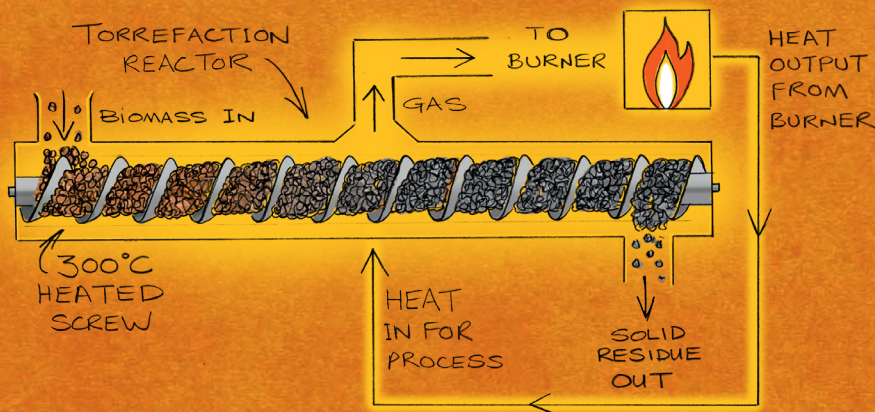
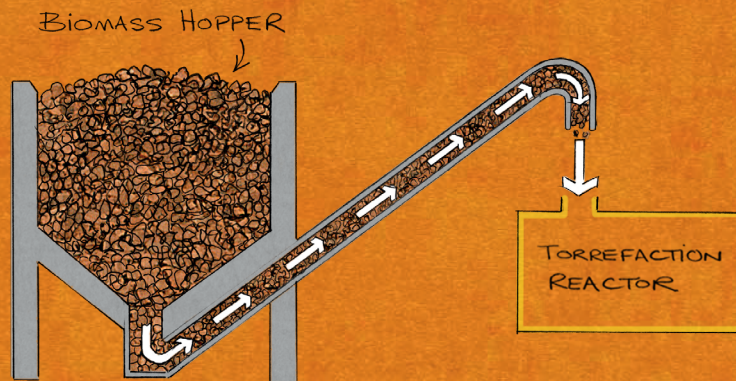
We have developed our own process based on torrefaction – roasting biomass without air.

This removes its tars, creosote and other low heating value products and leaves an energy dense, black product that looks and performs better than traditional biomass fuels.



The Process #1

We take raw biomass and heat it to 300 degrees to dry the material, kick-starting a thermal reaction to break down the hemicellulose contained within the plant structure.



The Process #2

This in turn produces an energy rich gas which is burned to sustain the reaction with no additional heat input, known as an autothermal reaction.

The Process #3

The product is then cooled, and briquetted.

