

HOT SURFACE BIOMASS IGNITER

Igniting wood, pellets and other biomass fuels

Introducing the Crystal-Technica ceramic biomass igniter range, an advance in ignition technology for solid fuels.

Crystal-Technica specialises in ceramic hot surface igniters and has many years' experience of working closely with customers to develop bespoke solutions for innovative appliance manufacturers. We are a trusted supplier of hot surface ignition products to many industry sectors.

These advanced igniters are simply the best for lighting pellet and biomass burners. They use only a fraction of the energy required by hot air fans and ignition blowers and will light all fuel types. Ideal for wood pellets, corn, maize, coal, coke etc.

With a considerably higher temperature, around twice that of traditional metal sheathed products, ignition times are reduced to as little as 60 seconds. This makes them significantly more economical in use.



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Ceramic ignition technology benefits

- A fraction of the energy consumption compared to conventional cartridge or element heater
- Long lasting
- Time to ignition 60 seconds
- Tested to 90,000 cycles
- Easy to install and retrofit
- Fits any steel tube with an inner diameter of >18mm
- 1100°C at steady-state temperature
- Cannot overheat even with blower failure
- 220/240V
- Fully electrically insulated with no exposed electric contacts
- Impervious to oxidation and corrosion
- Dimensions: l = 96mm, d = 16mm
- Ignite wood chips, split logs, coal briquettes or other biomass, corn etc



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Contact our experienced
technical staff to discuss
a custom-made solution

Our igniters can be manufactured to
exact customer requirements:

- Hot surface igniter
- Cables, wires and connectors
- Customised metal components such as steel pipes, nozzles and mounting arrangements

