

Bradgate Bakery, in Beaumont Leys, UK, opened in 1993 with the belief that you should only make food that you would be proud to take home and share with your family.

By following this simple principle over the years the Bakery now employs 1000 people and is a multiple winner of the BSA's Sandwich Manufacturer of the Year Award.

Mainly local ingredients are used to produce sandwiches, prepared salads and other chilled foods for Tesco and their own Ginsters Brand and Bradgate Bakery is one of the UK's largest sandwich manufacturers.

Being privately owned has allowed stability to grow consistently and invest in service, people and in the modern machinery necessary to produce the high standards that they set for quality as well as health and safety.

One of the most recent investments is in a unique high efficiency, rapid start



SigmaFire Clayton Steam Generator that provides steam as the heating medium for a new high quality fresh pasta line.

Clayton is also a private company that has benefited from the same type of stability and growth and the **SigmaFire** is an advanced boiler design that represents the progress that can only be achieved after 80 years of successful operating experience in the food industry.

The Clayton Steam Generator starts from cold in five minutes and is extremely efficient. This is due to a simple but ingenious operating principle that uses only three main special Clayton components. These are a pump, a helical water coil and a separator.

To produce steam, the cold water to be heated is pumped through the inside of a small diameter heated coiled tube and comes out of the separator at

the other end as high quality steam.

This is ideal in a batch process such as pasta cooking because the steam output automatically and rapidly ramps up and down to suit the demand of the line. It also means that a high steam output can be produced from a unit that is physically very small in size.

From an environmental point of view the high efficiency and modern design means that the Clayton Steam Generator has low emissions and blowdown losses that are discharged to drain are extremely small.

Bradgate Bakery is part of Samworth Brother Limited that was founded in 1896.

The company employs 7,000 people in well-invested, modern sites in Leicestershire and Cornwall with annual sales of £700m.