

KENDRION SOLUTIONS

Induction makes the difference

Energy efficiency and perfect results in wafer baking machines

In the food and beverage industries, it is becoming increasingly important to guarantee the best quality while at the same time conserving resources in order to ensure competitiveness.

By optimising the heating strategy in industrial processes, oil and gas are replaced by induction heating systems from Kendrion, which significantly reduce energy consumption. In addition, the quality of the end product can be increased due to the exact controllability of the temperature.

To meet the different requirements for power and design, Kendrion offers a modular heating system that is scalable up to a power of 100 kW. Consisting of a controller and up to seven induction generators, up to four inductors per generator can be controlled independently.

The systems are adapted to specific applications. For example, precisely fitting surface inductors are used especially for use in wafer baking

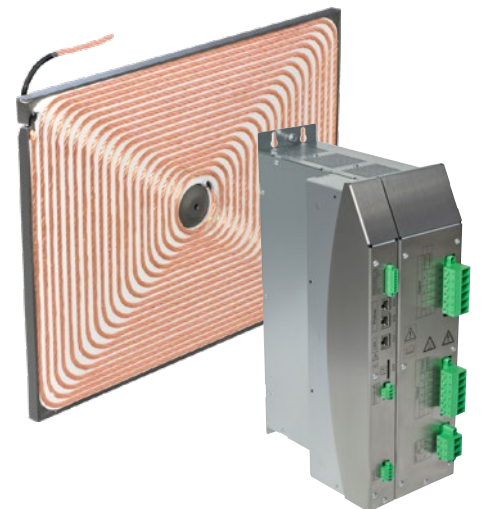
machines, which provide the required heat in the baking plates precisely, quickly and evenly, thus ensuring a perfect baking result.

Product features

- high energy efficiency
- optimum temperature control
- cleanliness and safety
- modular, scalable system
- customized solutions for surfaces or rolls
- fieldbus capable (Profinet, Ethercat, CANopen,)
- control, generators, and inductors from one source

Other examples of use

- textile industry
- paper and printing industry
- packaging industry



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