

KENDRION SOLUTIONS

Induction makes all the difference

Energy efficiency and perfect results in wafer baking machines

In the food and beverage industry, it is becoming increasingly important to guarantee the best quality while conserving resources to ensure competitiveness.

By optimizing the heating strategy in industrial processes, oil and gas are replaced by Kendrion induction heating systems, which significantly reduce energy consumption. In addition, the quality of the end product can be improved due to the exact controllability of the temperature. Kendrion offers a modular heating system that can be scaled up to 100 kW in order to meet different performance and design requirements. Consisting of a controller and up to seven induction generators, up to four inductors per generator can be controlled independently.

The systems are customized for specific applications. For example, for wafer baking, precisely fitting surface inductors are used.

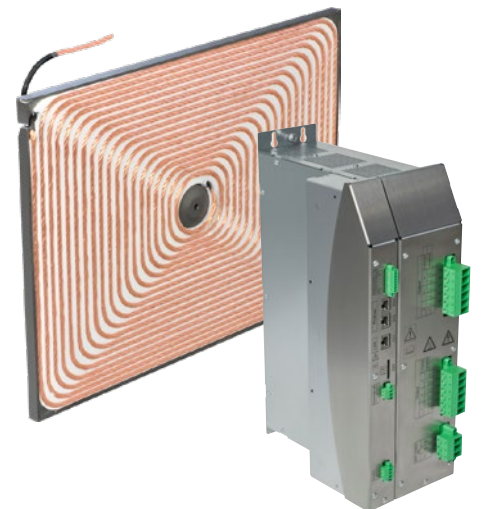
They provide the required heat in the baking plates precisely, quickly and evenly, ensuring a perfect baking result.

Product features

- Efficiency > 95%
- Optimum temperature control $\pm 1,5^{\circ}\text{C}$
- Cleanliness and safety
- Modular, scalable system up to 46 inductors, up to 100 kW
- Customized solutions for surfaces or rollers
- Fieldbus compatible (PROFINET®, EtherCAT, CANopen)
- Control, generators and inductors from a single source

Other examples of use

- Textile industry
- Paper and printing industry
- Packaging industry



Kendrion Kuhnke Automation GmbH

Lütjenburger Strasse 101
23714 Malente
Germany

T +49 4523 402-0
F +49 4523 402-201
sales-ics@kendrion.com
www.kendrion.com

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