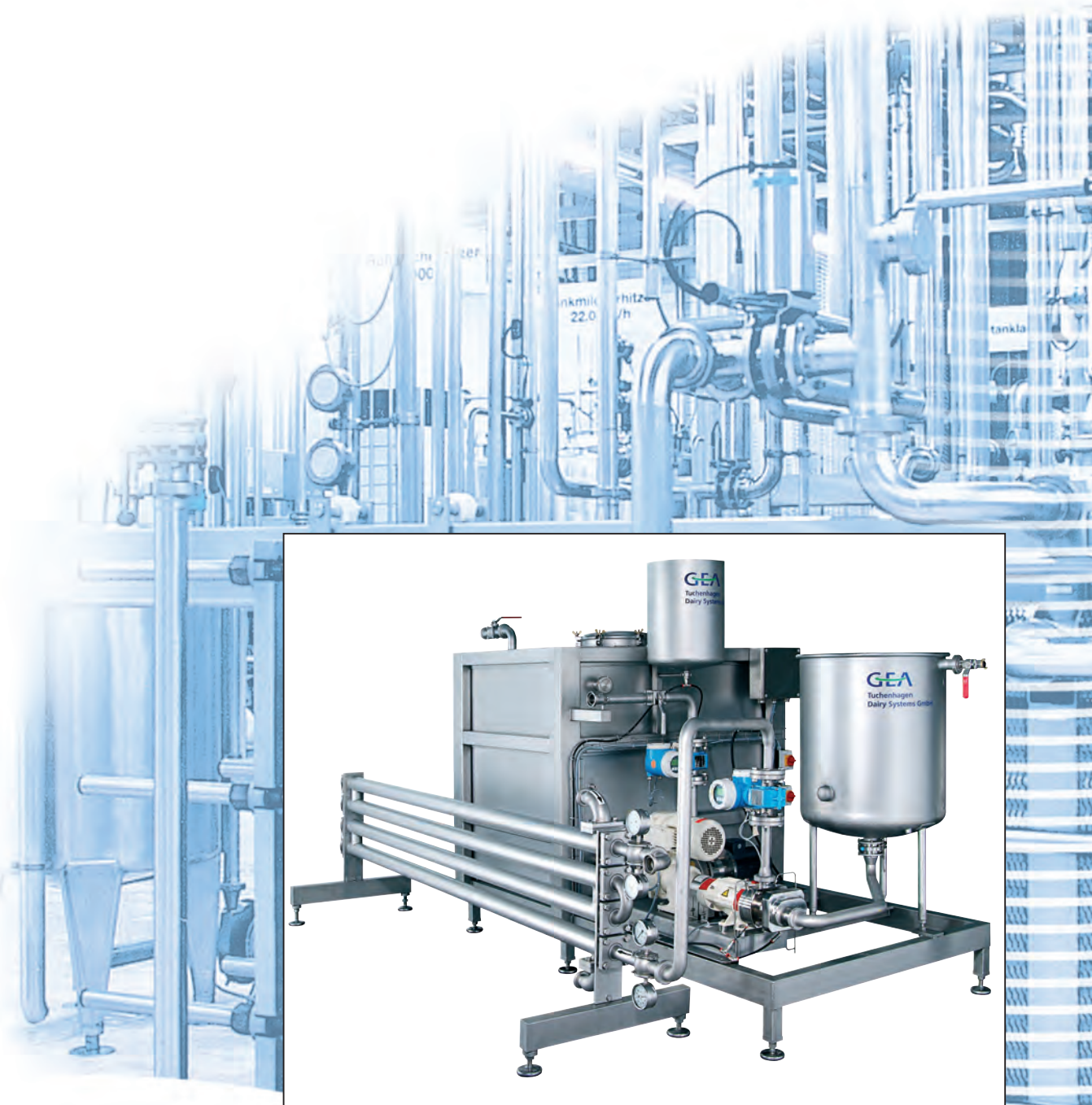


Pilot heat exchanger plant

For the thermal treatment of low to high-viscosity products
as well as products containing fibres or particles



TDS
Tuchenhagen Dairy Systems

Pilot heat exchanger plant

The pilot heat exchanger system is designed for heating and/or cooling low to high viscosity products and products containing fibres or particles using VARITUBE® heat exchangers.

Typical products for tests are sauces and soups with particles, delicatessen and ketchup.

The simple design of the plant allows fast and easy processing under production conditions.

Thanks to the modular design the plant is easy to transport, so that tests with your product can be carried out on your premises.

Depending on the application, the plant can be extended and the tubular heat exchanger can be equipped with various types of VARITUBE® tube bundles.

A controllable screw pump ensures gentle handling of the product.

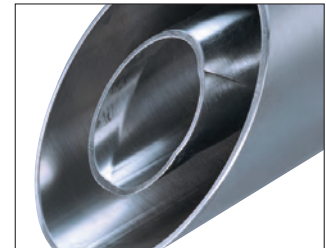
Flowmeters, temperature sensors and pressure gauges are provided to monitor the process parameters during the tests. The data obtained is used for the detailed design of the plant.



Plain inner tubes



Corrugated inner tubes



The tank has an effective volume of approx. 100 litres. Heating or cooling is effected via a secondary circuit to ensure that the heat is gently introduced into the product.

If the steam and/or water network does not meet the necessary supply data, the heating or cooling medium can be supplied via a suitable balance tank.

The results of the test can help you to assess your investment plants with regard to new production methods without any risk.

Apart from this plant, we can also offer other pilot plants for mixing, heating and filtering.

**Have we aroused your interest?
Please contact us!**



TDS Tuchenhagen Dairy Systems GmbH

Sarstedt: Voss-Strasse 11/13, 31157 Sarstedt, Germany
Phone +49 5066 990-0, Fax +49 5066 990-163

www.gea-tds.com

Büchen: Am Industriepark 2-10, 21514 Büchen, Germany
Phone +49 4155 49-0, Fax +49 4155 49-2724

Ahaus: Kruppstraße 3, 48683 Ahaus, Germany
Phone +49 2561 8602-0, Fax +49 2561 8602-130