INDIVIDUALLY CUSTOMISED PRODUCTS FROM A SINGLE SOURCE

Fossil heated heaters
Operation temperature range: 300 °C (standard) – special executions up to 350 °C or 430 °C. With a high combustion efficiency and above-average operation life. Available as a solo, compact or bloc system.

Electrically heated heaters
Operation temperature range: 300 °C (standard) – special executions up to 350 °C or 450 °C. Optimal efficiency with above-average operation life. Available as a solo, compact or bloc system.

Heat recovery systems / Economiser
Waste heat systems, recuperators and economiser. Complete systems with bypass and internal / external dampers and special cleaning systems according to individual requirements for all resulting waste heats from industrial processes.

Thermal combustion systems
Thermal treatment of exhaust air from various frying processes. The energy contained in the exhaust air is recovered and supplied back to the deep-frying process. The systems ensure high thermal efficiencies with best emission values.

Secondary regulation loops
Executions are adjusted to the requirements of the respective production process. Available for thermal oil, warm water and hot water. The secondary regulation loops can be used for heating solely as well as for heating / cooling processes.

Steam generator – thermal oil heated
Indirect steam production through thermal oil heated tube bundles. Available as a compact system, pre-assembled including accessories.

Thermal oil vaporiser
Cylindrical container with a built-in electrically heated flange or heating cartridges. Available as a compact system including safety-related equipment for the production of vaporous thermal oil for special applications.

Tube-bundle heat exchanger
Design and material selection according to the process parameters. Available as vertical or horizontal executions.

Special systems
Systems for special applications or with special sizes, individually designed, constructed, installed and put into operation.

UNIFIED EXPERTISE AND EXPERIENCE

Heiza-Werkstätten
Wärmetechnik GmbH

Related parties

Werkstätten GmbH Anlagen- und Apparatebau	*www.werkstaetten-gmbh.de*
Emsland-Service-GmbH	*www.emsland-service.de*
Werkstätten GmbH, Abt. monotal	*www.monotal.com*
Wilbers Lifting GmbH	*www.wilberslifting.de*
Wilbers - Werkstätten GmbH	*www.wilberswerkstaetten.de*
Werkstätten heating-systems GmbH	*www.drehrohrkessel.de*
Heiza-Werkstätten Wärmetechnik GmbH	*www.heiza-werkstaetten.de*
Werkstätten-Personalservice GmbH	

Certificates
DIN EN ISO 9001 • DGR Modul H / H1 • HP0 Zulassung • DIN EN 1090 (EXC 3)
ASME U-Stamp & R-Stamp • Manufacturer's License China • Fachbetrieb nach WHG

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Heiza-Werkstätten
Wärmetechnik GmbH

EXPERIENCE AND QUALITY STANDARDS LEADING TO INNOVATIVE SOLUTIONS IN THERMAL ENGINEERING

Heiza-Werkstätten
Wärmetechnik GmbH

PLAN ☼ CONSTRUCT ☼ MANUFACTURE ☼ ASSEMBLE ☼ MAINTAIN

A reliable partner for the industry

Heiza-Werkstätten Wärmetechnik GmbH is a leading specialist in innovative heat transfer and heat recovery. The acquired experience over decades, high quality standards and reliable service makes this company from Germany (Pfalz) to a globally recognised partner for many industries. All necessary national, as well as international requirements and certificates, are being taken into account.

Innovative solutions at the right time

In the mid-1960s, the economy in Europe experienced a rapid upswing and called for innovations and solutions. The company Heiza-Hochtemperaturkessel – emerged from a family business, recognised the growing demand for very high operating temperatures in the industry and has developed thermal oil systems that use oil as a heat transfer medium. Temperatures of up to 300 °C with no pressure and up to 450 °C at a relatively low system pressure are reached that way. The thermal oil systems have proved and still prove themselves as brilliant solutions to many manufacturing industries – from food production over concrete manufacturing to aircraft construction. Thermal oil systems have displaced steam as a heat transfer medium in many processes due to these advantages. Expensive and complex water treatment units are omitted.

With steady progress to market leadership

Over time, Heiza grew to a worldwide leader in the field of thermal oil systems and was able to expand its business successfully. Waste heat boilers, economisers, pre-heaters and special heat exchangers for heat transfer media such as oil, steam, air, flue gas, as well as other liquids and gases, have been developed and brought onto the market as complete turn-key systems and individual components. Heiza also knows how to cover the increasing demand for thermal oil combustion systems for thermal treatment of exhaust air such as from frying processes in the food industry.

New impetus for the future

In July 2014, the company became part of the Werkstätten group and could so take an important step into the future, with full strength and renewed momentum. Heiza Werkstätten GmbH is currently led by the two managing directors Alfred Moggert and Rainer Faste.
An experienced team of engineers develop customised solutions for all industrial sectors of heat supply and heat recovery. Inside about 3000 m² production hall space in Lambrecht in Germany, 60 experienced and long-term employees produce thermal oil systems and accessories that invariably comply with the applicable standards and regulations.

AREAS OF APPLICATION OF OUR THERMAL OIL HEATING SYSTEMS

Press manufacturer
Mainly available as electrically heated systems and partly as custom-made fossil heated systems.

Food industry
Thermal post combustion systems for exhaust air from deep fryers but also standard solutions for the heating with thermal oil boilers are possible.

Textile industry
Systems for the production of vaporous thermal oils for the heating of spinning beams as well as special systems for the heating of plastic fibre streets.

Automotive industry
Heating or heating/cooling systems for the production of interior parts for vehicles, according to customer needs.

Chemistry area
Thermal oil systems for the heating of reactors and complex tracing heating systems.

Electrical industry
Fossil and electrically heated heating/cooling systems for the production of transformers, cables, etc.

Concrete, precast concrete and asphalt industry
Thermal oil heating systems for faster drying of concrete and precast concrete products as well as heating systems for ashpalt-mixing-equipment.

Disposal industry
Thermal oil heating systems for the heating of sewage sludge.

In cooperation with Werkstätten heating-systems GmbH
Complete systems with bio mass firing for all bio mass fuels with heat recovery onto various heat transfers.

Special system manufacturing
Tailor-made customer concepts in the field of heat recovery for all thermotechnical tasks in the industrial area.

System examples

1. Textile industry; Heating of plastic fibre streets **2.** Heat exchanger; Test unit for new system **3.** Special system
4. Fossil heated thermal oil system with gas burner and redundant circulation pump **5.** Electrically heated thermal oil system