



CAW

Industrial Combustion and Heat Transfer

**Industrial combustion and
high temperature process heating**
Complete single-source systems solutions

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High temperature process heating – fossil fuel-fired thermal oil heaters

KONTAKTOMAT®-thermal oil heaters in three-pass design with two concentric tube coils in horizontal and vertical design – top down or up fired.

Capacity range from 100 up to 25,000 kW in a single unit. Efficiency up to 95 %.



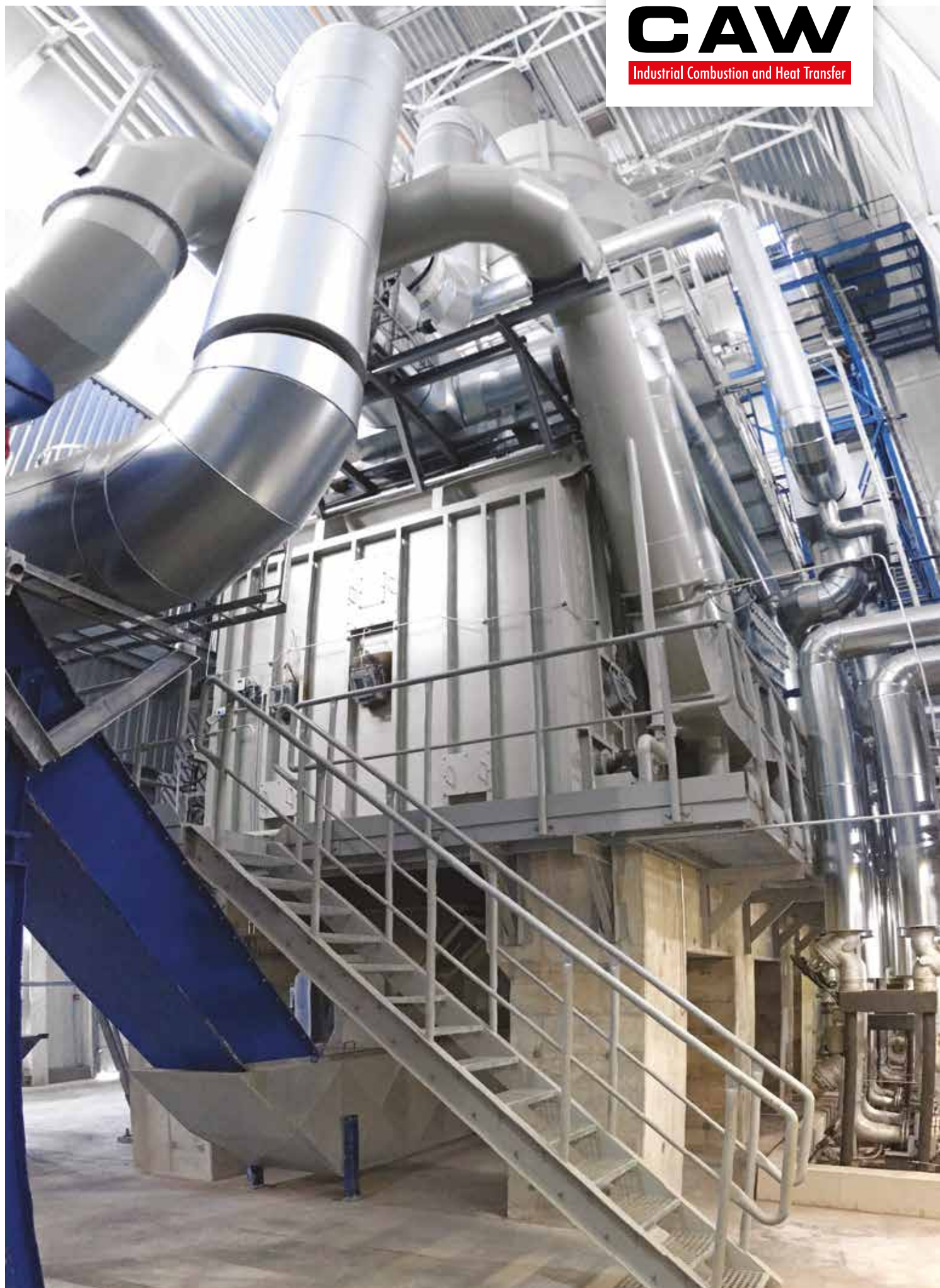


Incineration of production waste — solid fuel and biomass-fired thermal oil heaters

Reciprocating grate firing systems for any kind of biomass with high ash and moisture content of up to 150 % o.d.b.

Capacity range from 4,000 up to 60,000 kW in a single combustion chamber.





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Decentralised power generation and cogeneration using ORC technology

Decentralized power generation and combined generation of heat and power using ORC turbo-generators in combination with our low-emission and state of the art combustion and waste heat recovery systems in a capacity range of 500 up to 10,000 kWel.





Thermal oxidizers for exhaust air purification and waste utilization

Systems for the thermal utilization of gas and liquid waste streams and for the purification of exhaust gas. Co-combustion of solvents and lean gas.

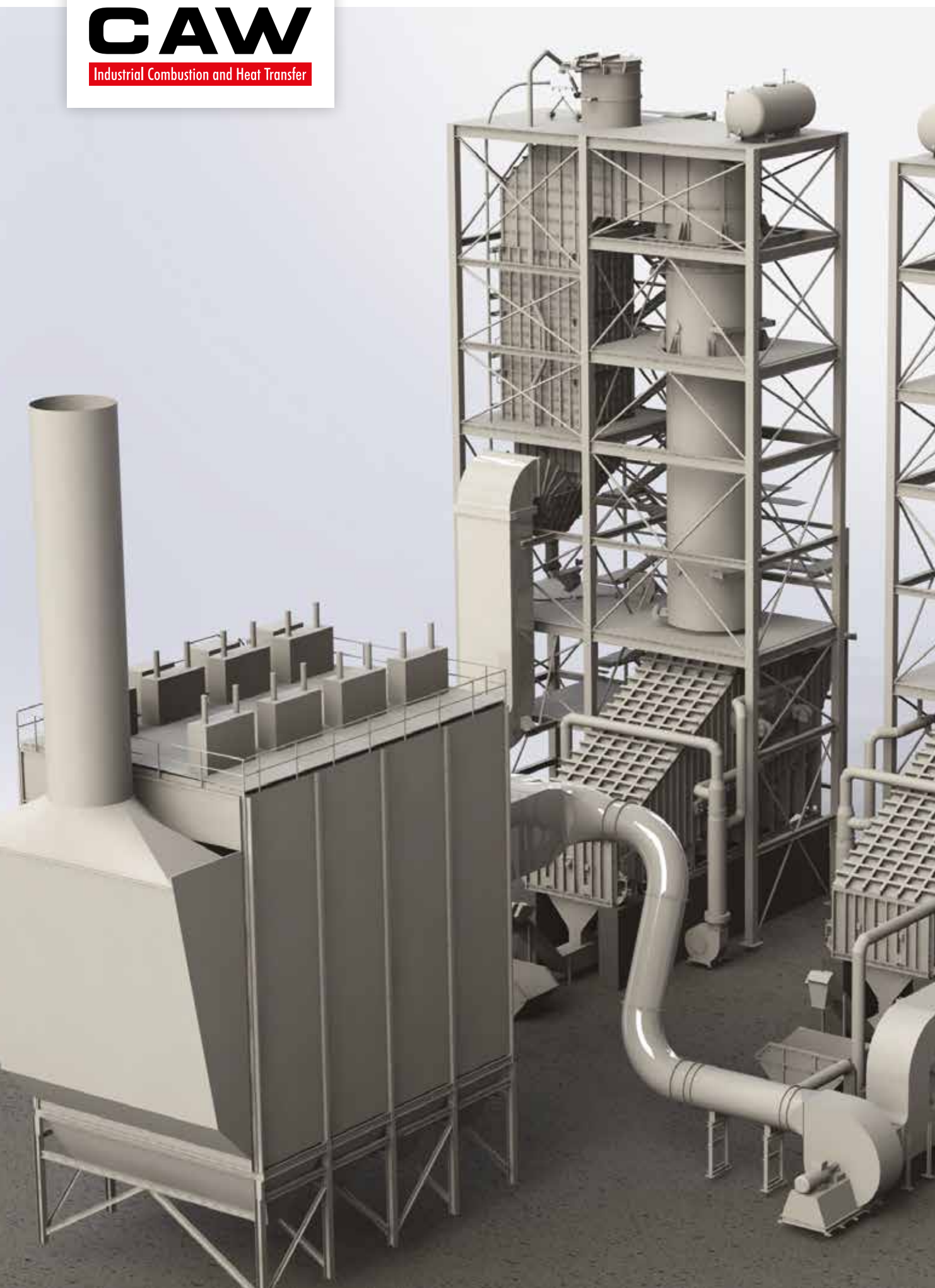
Strict compliance with current and future emission limits.





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Engineering services and personnel placement

Compete engineering services from design planning and detailed drawings through production, installation supervision and commissioning.

Preventative maintenance and system service and tune-up. Initial and refresher operator training.





Supervision of assembly and commissioning

Management and supervision of the entire system installation by experienced CAW-field engineers.

After this, commissioning of the plant with optimization of all operating parameters as well as initial operator training.





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Providers of heat and energy systems — worldwide

In almost 20 years of operation, Classen Apparatebau Wiesloch has made a name worldwide for high-quality, individually tailored plants in the sector of high temperature process heating. We are specialists in engineering, construction and commissioning of complete plants for heat generation, heat storage and heat distribution in the temperature range up to and above 400 °C.

1967 - 1989 Apparatebau Wiesloch

Up to the early 90s, the name represented a leading company in the production of high-temperature heating systems. „Wiesloch“ had sold about 4,000 thermal oil heaters all over the world, including heaters for maritime use, wood-fired plants and plants using liquid and gas fuels.

1989 - 1992 Kraftanlagen Heidelberg (KAH)

The production facilities remained in operation with a new owner and continued to fabricate heaters and equipment parts for KONUS-Kessel and several other companies.

1993 - 1997 IRSM

In the same place the company IRSM fabricated thermal oil and auxiliary installations for KONUS-Kessel and the successor Betrams-KONUS as well as for other companies.

1998 - until today

Norbert Classen (previously CEO of Bertrams-KONUS), Claus Albrecht (previously authorized officer of Bertrams-KONUS) and Hans-Raymund Roos (previously commercial director of Bertrams-KONUS) founded the company Classen Apparatebau Wiesloch („CAW“) in 1998, to resume the direct sales of Wiesloch-products and equipment.

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High temperature process heating



Incineration of production waste



Decentralised power generation
using ORC turbogenerators



Thermal exhaust cleaning



Heat transfer with molten salts



Heat transfer with organic
heat carriers in vapor phase



Warm and hot water generation



Steam generation



Hot gas generation



Waste heat recovery systems



Engineering services



Commissioning, installation supervision, operator
training, regular maintenance / inspections



MITTELSTAND
GLOBAL
ENERGY SOLUTIONS
MADE IN GERMANY



caw-wiesloch.de

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