

OPPORTUNITIES



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Watertube boiler during manufacturing

Motivated employees - this is our key to the implementation of first-class work during design and production.

Years of experience and advanced computer software, such as KED Boiler Designer, 3D CADProgramme, AutoCAD, MathCAD, etc., guarantee high quality design and true engineering art.

And as a result, you get an individual boiler plant according to your requirements.

With us, ideas become real!



ENERGY FOR THE FUTURE



Energy Revolution nowadays is the talk of the town. Related search of alternatives to conventional boiler plants leads to a number of new investment configurations. This leads to new, additional or completely different requirements of boilers design. Mansfeld Energietechnik GmbH

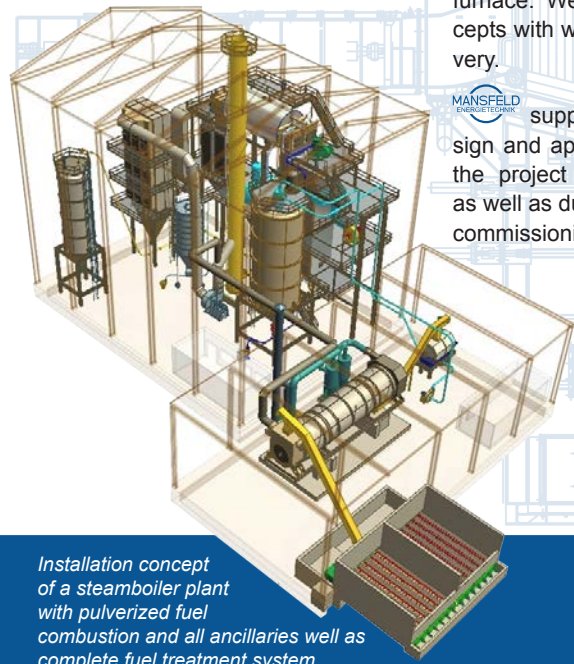
Would you like to use biofuel to generate electricity? Do you have biofuel as production residual or by-product of the manufacturing process and would you like to use it as an energy source?

MANSFELD ENERGIETECHNIK can offer you the scope of equipment selection and development of individual design. Here you will find the full range of boilers, with different types of furnaces, namely a furnace with moving grates, with mechanical chain grate, pulverized-fuel



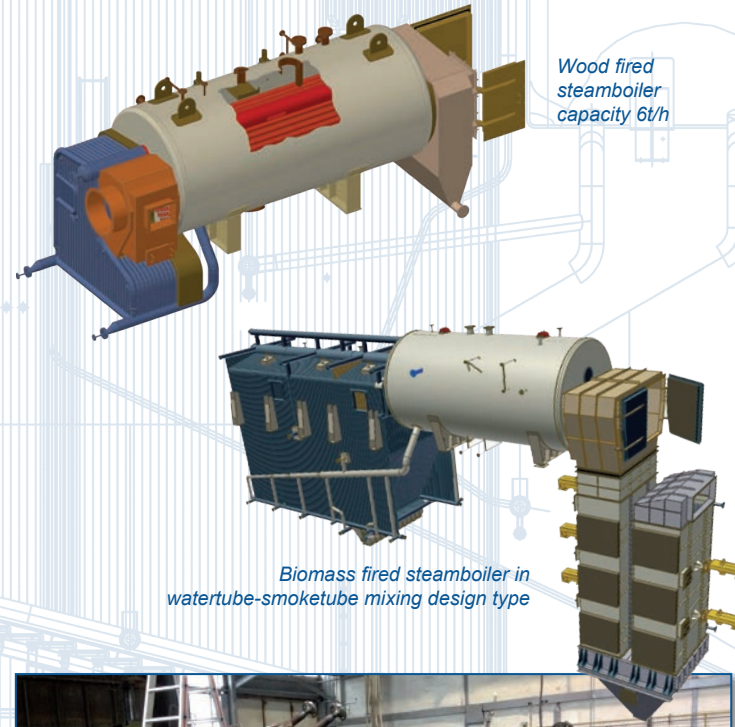
furnace. We propose concepts with waste heat recovery.

MANSFELD ENERGIETECHNIK supports in the design and approval stage of the project documentation as well as during commissioning.



Installation concept of a steam boiler plant with pulverized fuel combustion and all ancillaries well as complete fuel treatment system

Over the period of many years MANSFELD ENERGIETECHNIK is specializing in the development of technological projects and thermal calculations as well as implementation of existing detailed designs of for all types of **solid fuel boilers, hot water boilers, steam boilers** of low and high capacity.



Wood fired steam boiler capacity 6t/h

Biomass fired steam boiler in watertube-smoketube mixing design type

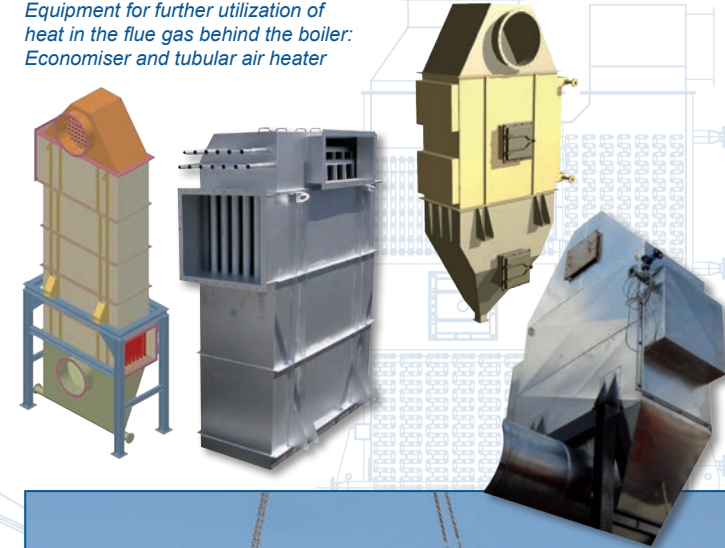


Small smoketube waste heat boiler during assembly

Production of both small special steam boilers and large boilers with natural circulation of superheated steam is possible. Individual engineering of the boiler plant considering client's requirements to the boiler design and requirements to fuel combustion technology.

MANSFELD ENERGIETECHNIK offers modernization of conventional gas and oil-fired boiler plants. It does not matter whether it's fire tube design, combined design, or water-tube boiler.

Equipment for further utilization of heat in the flue gas behind the boiler: Economiser and tubular air heater



Installation of a superheated steam boiler