

BERTSCHenergy

Powerplants
Process equipment

90
YEARS

TRADITION
QUALITY
KNOW-HOW
SINCE 1925

Waste Heat Processing Plant Rheinfelden

Reference Sheet



BERTSCH

TRADITION, QUALITY, KNOW-HOW. SINCE 1925

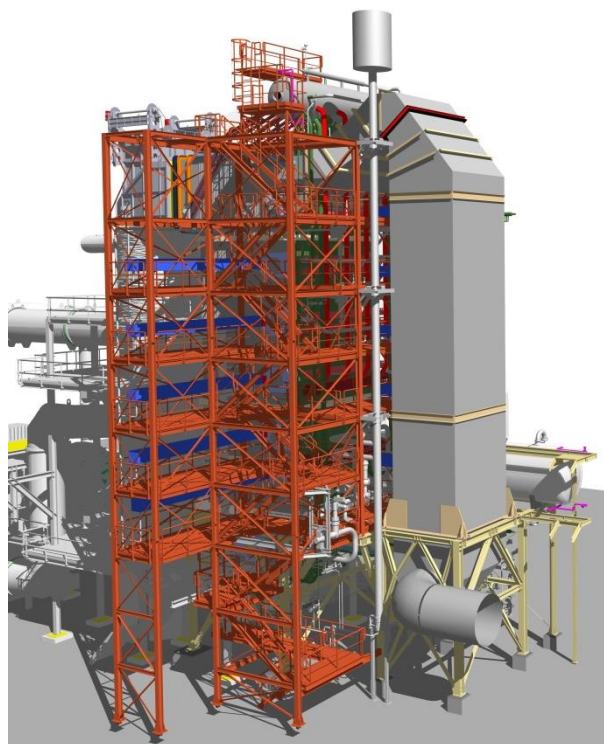
»Waste heat recovery boiler behind rotary kiln - Commissioning 3rd quarter 2009«

The waste heat recovery boiler was designed for generating superheated steam from flue gases behind a rotary kiln as well as behind a secondary combustion chamber.

The waste is fractionated and thermally recycled at the site. The purpose of the combustion line is to sort out the RDF (refuse derived fuel). This fraction is transformed into pyrolysis gas, as well as biogas and heavy oil, is combusted in a secondary combustion chamber. Downstream of the boiler plant is a steam turbine.

TECHNICAL DATA

» Electrical power output	approx. 13 MW
» Thermal power	45 MW
» Max. continuous rating (MCR)	47 t/h
» S.H. steam pressure	65 bara
» S.H. steam temperature	470 °C
» Fuel	shredder light fractions



SCOPE OF SUPPLY

» Boiler
» Steel structure
» Measuring
» Feedwater treatment
» Water treatment



SERVICE BY CUSTOMER

» Civil works, water-steam-cycle, condenser, steam turbine, flue gas treatment, stack

