



# eneva

Energy Engineering

# WASTE HEAT BOILERS

STEAM / HOT WATER / THERMAL OIL

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# WASTE HEAT BOILERS

## STEAM / HOT WATER / THERMAL OIL

Waste heat boilers utilize exhaust gas of engines or some processes to produce valuable heat energy. These boilers may produce steam, thermal oil or hot water according to customer needs. ENEVA can supply custom designed waste heat boilers with highest quality materials.

Waste heat boilers may be water tube or smoke tube type depending on pressure, capacity and some other parameters.



### PRODUCT SPECIFICATION

- Water tube, finned tube and smoke tube construction according to application
- Vertical or horizontal options acc. to space requirements
- Design and manufacturing up to 20 MW thermal capacity and 30 barg pressure
- Carbon steel and stainless steel options up to customer needs
- Optimized back pressures and compact heat transfer surface
- Design acc. to EN 12952 / 53 and 2014/68 EU PED CE certification up to request
- User friendly design with easy maintenance and cleaning ports

### DELIVERY OPTIONS

- Armature, pump unit and instruments according to EN 12952 / 53
- By pass damper and actuator (pneumatic or electrical driven)
- Access doors with heat insulation
- Soot blowers up to request
- Manual damper lever and lifting lugs

### COMMON APPLICATIONS

- Cogeneration systems (Gas engine, gas turbine)
- Biogas and landfill engine systems
- Steel and aluminium process stacks
- Industrial process stacks (Drying, cooking)
- Cement and gypsum furnace / cooler stacks
- Naval engine stacks

