



For a clean world with our HRSG



**GETABEC**

**Getabec Public Company Limited**

TECHNOLOGIES  
FOR  
HEAT RECOVERY STEAM GENERATORS



## **GETABEC** YOUR PARTNER FOR HEAT RECOVERY SOLUTIONS

The Company GETABEC Public Company Limited is the biggest manufacturer in Thailand for steam boilers.

With our product Heat Recovery Steam Generator - HRSG, that we would like to introduce to you on the following pages we find also for you're the optimal solution with our Heat Recovery Steam Generator.

Getabec solutions are a synonym for technological leadership and long-term customer on hand wherever its customer are at home.

Getabec is a reliable partner for Steam solutions.

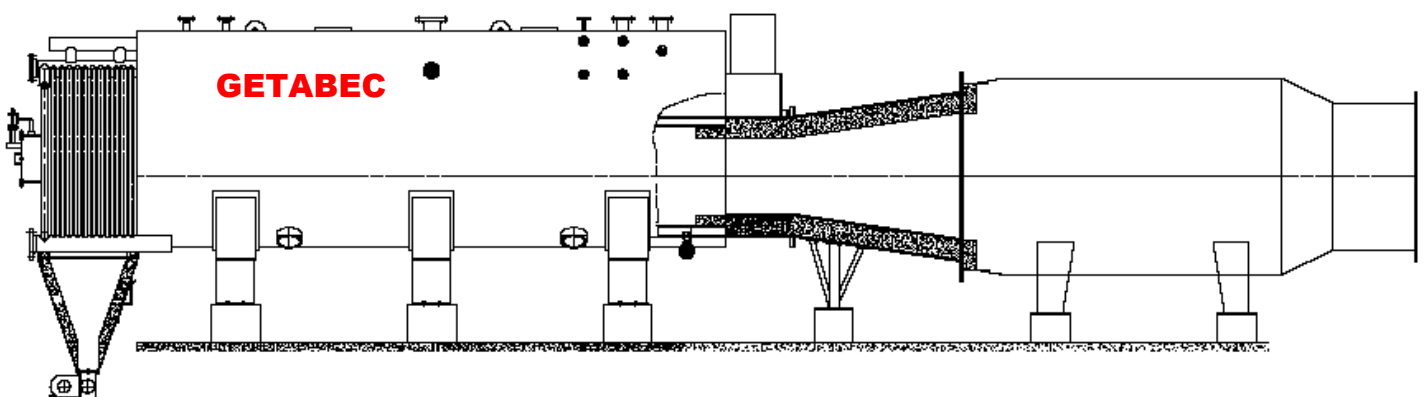
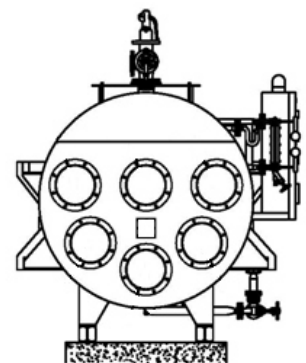
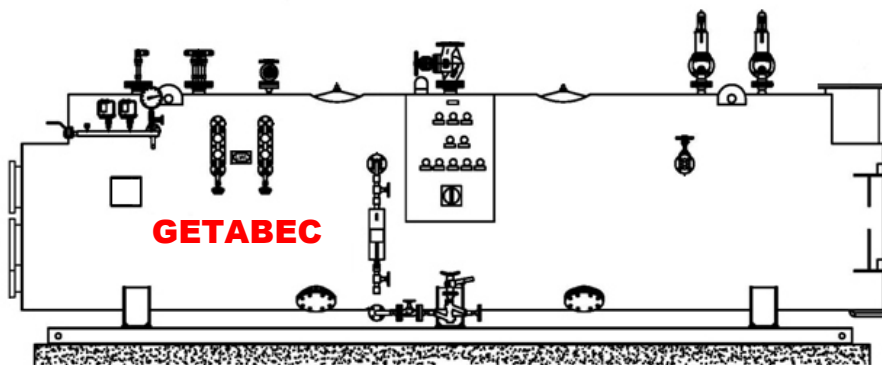
Many industrial processes generate large amounts of waste energy that simply pass out of plant stacks and into the atmosphere or are otherwise lost. Most industrial waste heat streams are liquid, gaseous, or a combination of the two and have temperatures from slightly above ambient to over 1000°C. At stack gas temperature greater than 500°C, the heat going up the stack is likely to be the single biggest loss in the process. Above 900°C stack losses will consume at least half of the total fuel input to the process. Yet, the energy that is recovered from waste heat streams could displace part or all of the energy input needs for a unit operation within a plant. Therefore, waste heat recovery offers a great opportunity to productively use this energy, reducing overall plant energy, consumption and greenhouse gas emissions.

Our most experiences during the use the waste gases are:

- from Gas Generators
- after Gas turbines
- after Incinerators

We are manufacturing following Heat Recovery Steam Generators

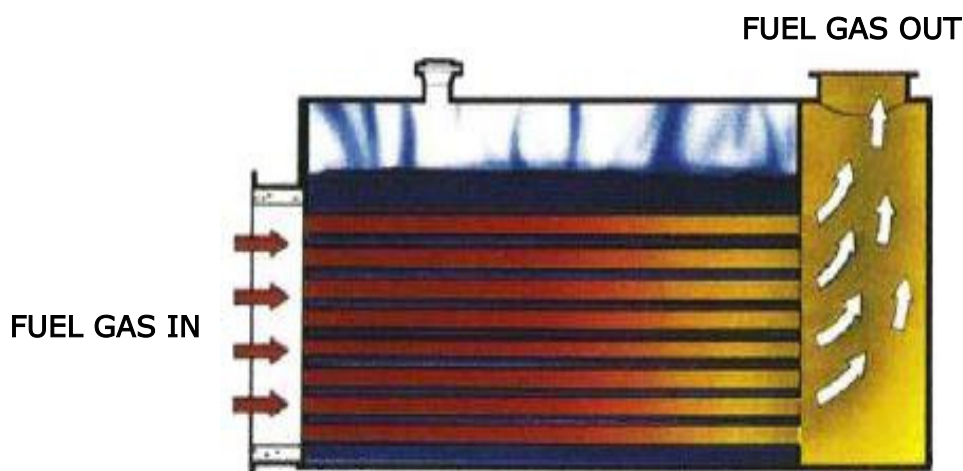
- HRSG – Heat Recovery Steam Generator
- HRTH – Heat Recovery Thermal Oil Heater
- HRHB – Heat Recovery Hot Water Boiler



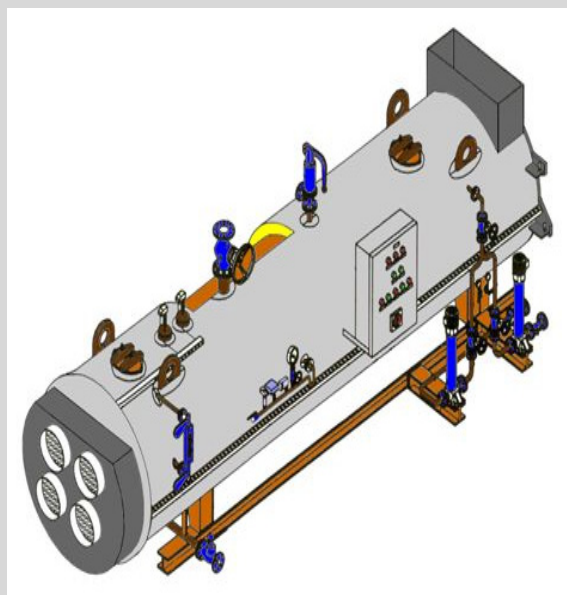
The Waste Heat Recovery Boiler - HRSG from **Getabec** is designed according to the principle of the flame tube/smoke tube boiler. Here, the hot flue gas is directed through pipe bundles, where its heat is transferred to the water inside the boiler body.

At the front inlet and rear exit flue gas side of the Waste Heat Recovery Boiler, designed flue gas camper with cleaning apertures. All inlet openings are removable, for an optimal cleaning of the smoke tubes. Our Waste Heat Recovery Boiler to minimize radiation losses is fitted with a composite thermal insulation with a zinc alum iron sheet steel jacket.

The Waste Heat Recovery Boiler is fixated on a basic frame that spreads the load across a large area of the floor. For the expansion the boilers designed also the gliding and fixed points together with the base frame.



**Getabec** provides customers an optimal as well as flexible solution for your application process. Customers can cooperate with us and request us, we will find a suitable and better application process together with you for your process heat. In addition to that, we deliver our product range with all necessary safety fittings and norms valves. We can provide you also with all system components from our production.





The quality assurance of products and services provided is one of our primary priorities. **Getabec** have 2 production factories in Thailand with 300 well educated personnel's. All engineers, designers, service engineers and workers have a long experience in boiler fabrication. Our production technology meets all countries specific standards and regulations. In addition, we set high standards for the materials used and its processing. In addition to standards and regulations, our welders, are subject to supplementary supervision. Delivery conditions to limit tolerances and material properties are also agreed with our suppliers.

We hold the following certificates      We supply our boiler with various standards

- ISO 9001 certificate since 2003
- AD-Merkblatt certificate 2001
- ASME S/U/R certificate since 2008
- NB certificate since 2008
- EN / PED
- DIN / TRD
- ASME – S / U
- British Standard

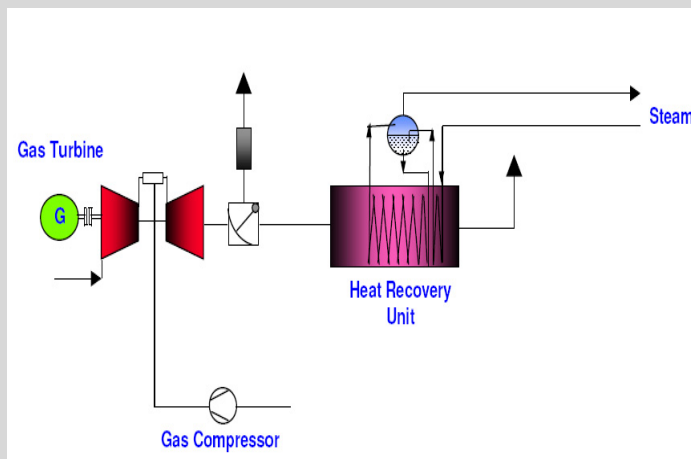
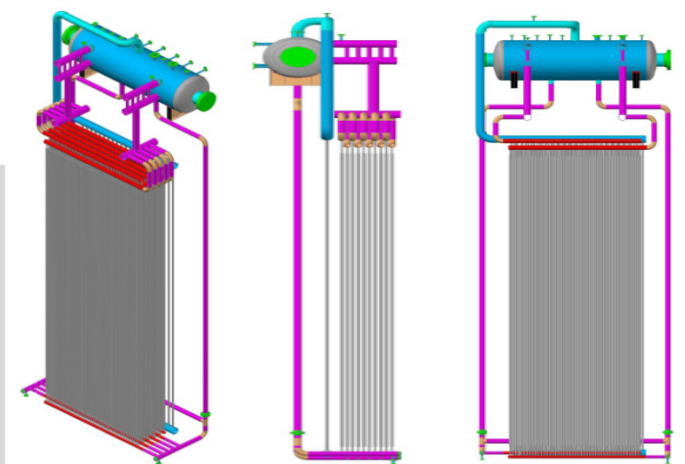
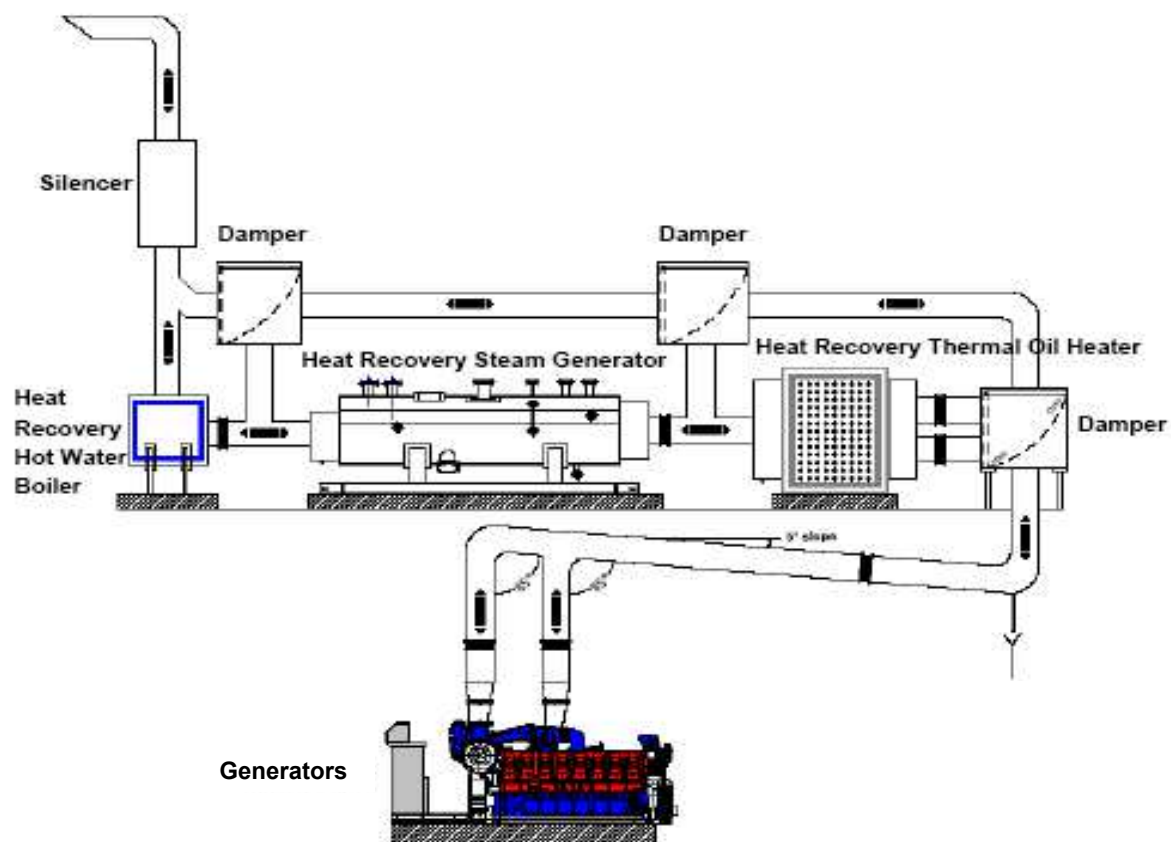


Heat Recovery Steam Generator HRSG

Heat Recovery Thermal Oil Heater after Gas Generators

Heat Recovery Hot Water Boiler after Gas Generators

Heat Recovery Steam Generator with our partner Eck Rohr Kessel, Germany



## Delivery over 50 units to Textile Industries in Bangladesh

Location	: Bangladesh
Boiler type	: HRSG
Boiler parameters	: Output 0.75 t/h up to 6.0 t/h supplied Outlet steam pressure – 8 bar (a) Outlet steam temperature – 180 °C



## Pfizer Pharmaceutical Industries

Customer	: Pfizer Co., Ltd.
Location	: Singapore
Boiler type	: HRSG
Boiler parameters	: Output 12.7 t/h Outlet steam pressure – 9 bar (a) Outlet steam temperature – 250 °C



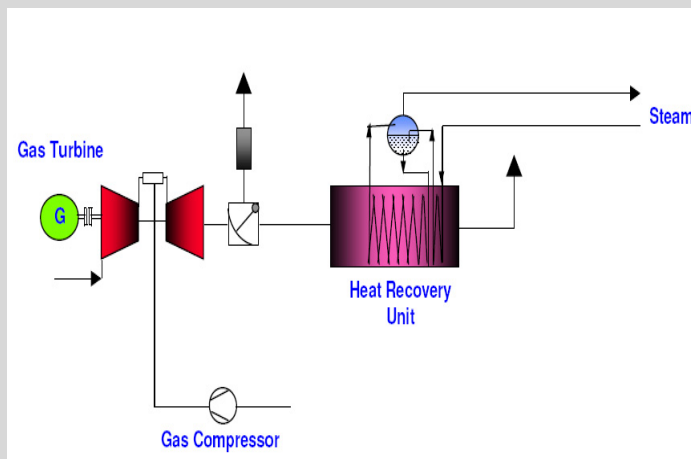
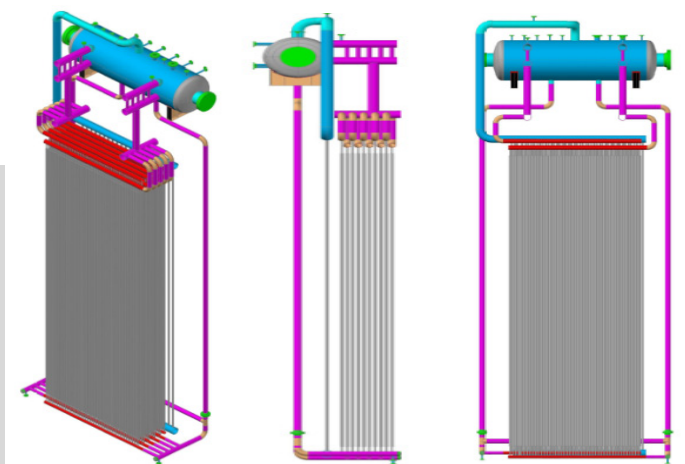
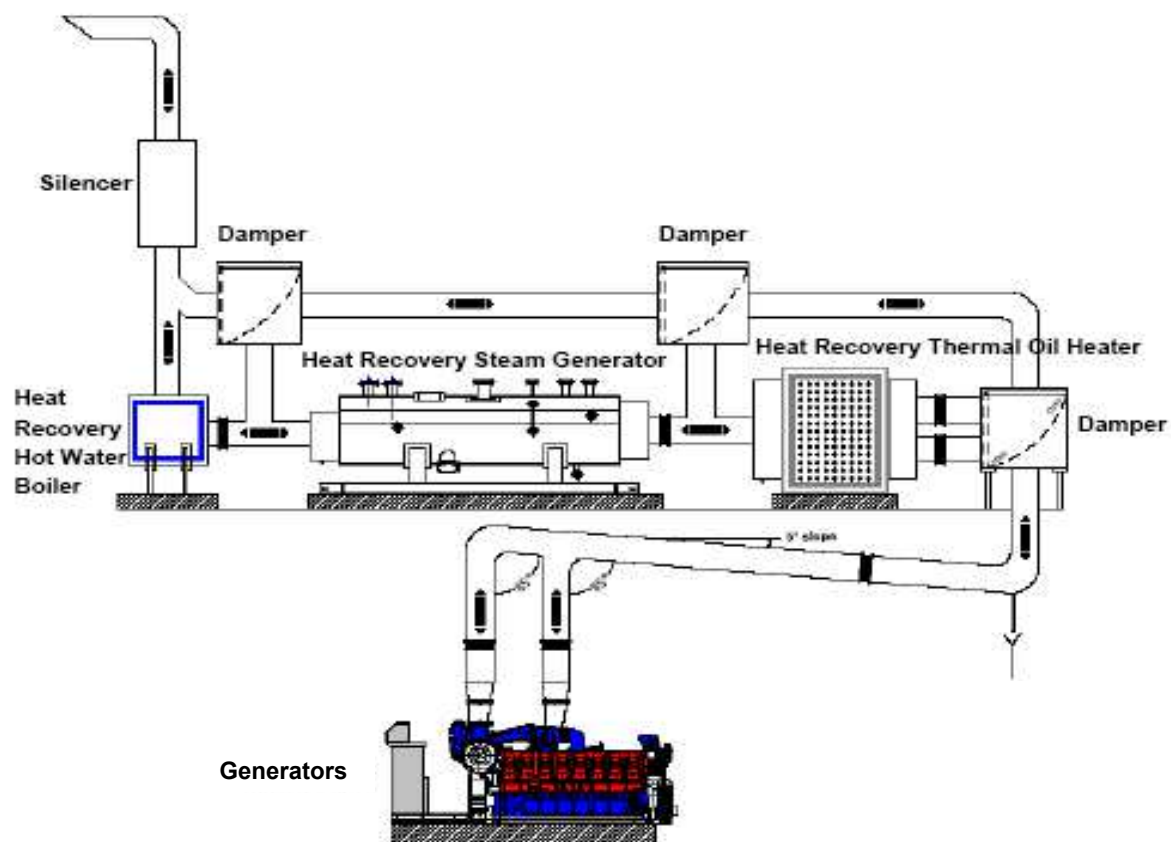


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## High Performance

Design by Andreas Teichmann 2020

## With our HRSG

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