



Thermo Oil Heater

High Temperature

Three-Pass Flue Gas Design

About us

In 1983 the company GETABEC was formed to sale, distribute and install German steam boilers and related equipment in Thailand. During the strong industrialization of Thailand the demand for fire tube boiler increased. The cooperation with German Companies and know how providers led to the name "German Thai Boiler Engineering Company or in short GETABEC.

In the nearly 40 years of history GETABEC has emerged as one of the leading Boiler and Pressure Vessel Manufacturer in South East Asia. Two factories in Thailand with state of art production facilities, a team of multi-discipline Engineers, a motivated and high skilled work force ensure that each request is treated with required attention.

Starting with the formation of GETABEC until now, it is always the desire of GETABEC to fulfill the customer requirements towards quality and reliability of products services. Already in 1995 Getabec implemented a quality management system covering all process in the organization. GETABEC also implemented a quality control system to ensure that our boilers are meeting the strict requirements of the ASME code as well of the European Directive for Pressure Equipment. On request by the client, GETABEC will be able to deliver the boiler and pressure vessel either with the CE Mark or as stamped ASME Boiler and pressure vessel.



GETABEC has delivered boilers and pressure vessels in all parts of the world. It also started its international sales network by opening of GETABEC Vietnam Co., Ltd in 2014. In 2019 GETABEC formed together with its long term Partner Schneider Kessel Germany an Engineering Company, as Schneider Energy System GmbH, not only to cater the European Market, but also to support GETABEC's desire to design highly efficient and environmental protecting products



THE GETABEC SOLUTION

Environmental friendliness is the governing concept in **GETABEC** using technologies which have been proven records in the world. We are using the services of technology provider from the world over to provide the state of art technology to our clients

Technologies and process are changing on a nearly daily basis. The laws the customer requirements are driving the requirements to provide environmental, safe but also economical feasible products to our more and more technology driven world. Customers sometimes feeling overwhelmed with the quantity and variation of products. How to select the best boiler? What is the environmental impact? What is the automation degree in the operation?

Questions which will be answered by the GETABEC Team. We offer the complete solution from planning to the selection of the boiler and other related equipment, from manufacturing and expediting, delivery and installation to commissioning and training. As the latest add on service we offer the **operation of the boiler plant** and/or the **supply of steam** to our client. GETABEC offer the all-around carefree solution

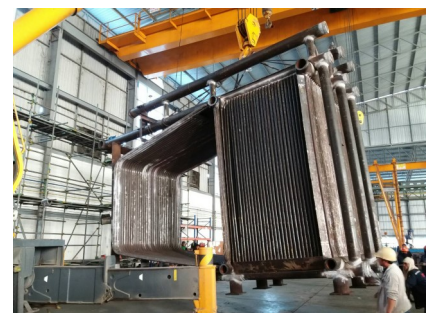
Engineering



Project Management



Manufacturing



No Water Please

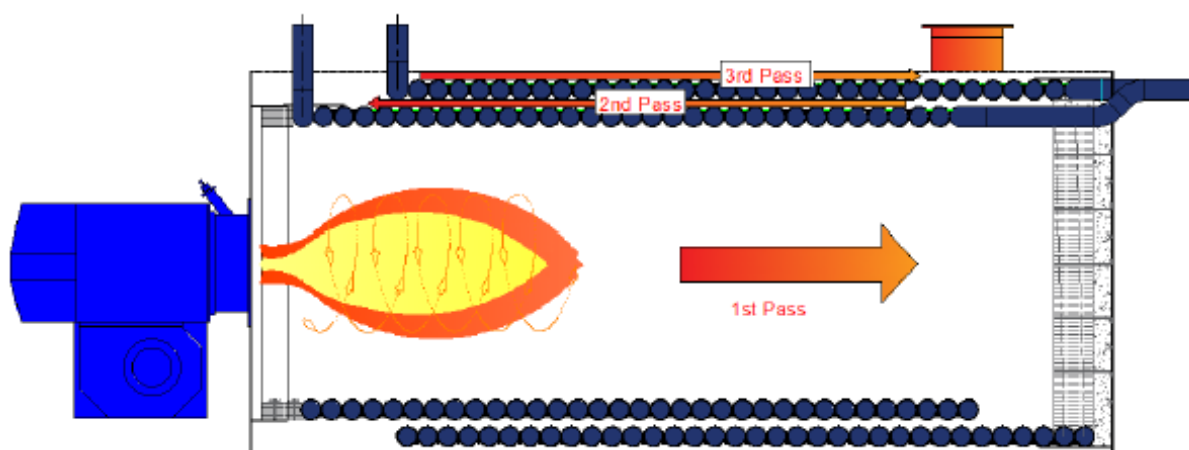


The Thermal Oil boiler is a choice for the industry where the required temperature is in the range of 300 - 400°C. It is the most economical alternative to superheated steam generation. The GETABEC Thermal Oil Heater guarantee low operational cost by less maintenance, nearly corrosion free operation and high efficiency. It is the environmental alternative for the process industry. Standard Capacity Range: up to 25 MW.

Larger size Thermo oil heater will be tailor made design by GETABEC.

Thermal Oil Heater can be delivered as horizontal and vertical type.

The flue gas has a relatively high temperature. The waste heat can be used to preheat the combustion air. Additional GETABEC is offering ORC systems to harvest all the residual heat and generate electricity to be used in your own grid.



The GETABEC Thermal Oil Heater is available as vertical and horizontal type. The modern three pass design, with forced circulation, ensure the maximum heat transfer.

The Thermal Oil Heater consist of one or more coils in which the thermal oil circulates. In the 3 pass flue gas system the heat from the combustion source will be transferred to to Thermal Oil. A main circulating pump will transport the oil to the point of use and finally back to the Thermal Oil Heater. The closed system requires an expansion system for the oil, to expand during the heating process. GETABEC's Engineering team will design the best system including the process piping, supporting structures and auxiliaries.

The Thermal Oil Heaters can be supplied with a variation of fuel system including biomass and biogas.



GETABEC Vietnam Company Limited

30 Cao Duc Lan, An Phu, Thu Duc City,

Hồ Chí Minh City

Vietnam

Tel.: + 84 (0) 28 7106 2010

Email: info@getabecboiler.com.vn

web : www.getabecboiler.com.vn

