

RECTANGULAR SHELL & TUBE



Geurts International B.V. was founded in 1963. Since that time the company has gained extensive experience, knowledge and expertise in the field of heat exchanging equipment & heat transfer solutions.

We design and manufacture heat exchanging equipment for a variety of industries such as

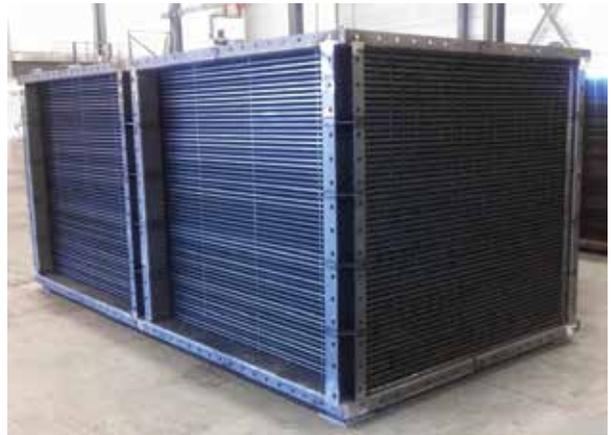
Petrochemical/Chemical, Power generation and Energy. Heat exchanging equipment can be specifically designed to suit customer's requirements like highly corrosive, high temperature up to 1100 degrees or high pressure applications.

HEAT EXCHANGERS

RECTANGULAR SHELL & TUBE HEAT EXCHANGER

Besides our shell & tube designs, we also build tubular heat exchangers into rectangular shells or casings. This design applies to low pressure operations only, for instance gas-gas or gas-liquid applications. Material can range from all carbon steel, carbon steel with stainless steel internals all stainless steel, titanium internals or higher alloys. Our heat exchangers are usually manufactured in accordance with PED 97/23/EC, and other design codes like the ASME VIII boiler & pressure vessel code are also part of knowledge.

For larger engines, and larger combined cycle installations a standard shell and tube type heat exchanger will become too large and space consuming. Therefore Geurts International developed a different configuration of the tube bundle. The tube bundle is fitted inside a rectangular casing. With the different configuration, the size of the heat exchanger is strongly reduced, making the engine skid much smaller and flue gas ducts can be connected more easily.



CONSTRUCTION DETAILS

In many cases we design a tubular heat exchanger with round tubes. In other cases where plot space and size of the heat exchanger are critical and must be limited, we are able to optimize the design by using rectangular tubes in a rectangular casing, using the best of both worlds. The unit will become smaller and more suitable to limited plots. The design of rectangular tubes in rectangular casing can only be applied in low pressure applications like air-preheaters.

GEURTS INTERNATIONAL B.V.
📍 HAAGSE SCHOUWWEG 8A
2332 KG LEIDEN
THE NETHERLANDS
☎ +31 (0) 881704 600
✉ INFO@GEURTSHEATEXCHANGERS.COM

WWW.GEURTSHEATEXCHANGERS.COM

