

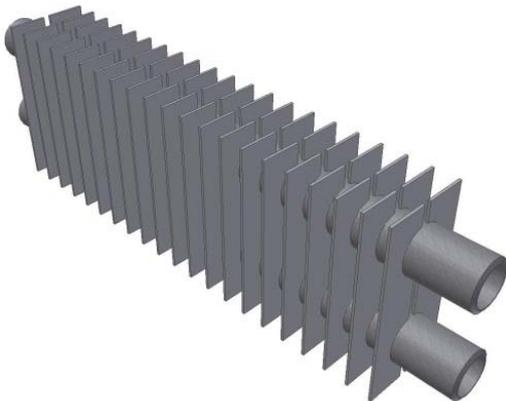
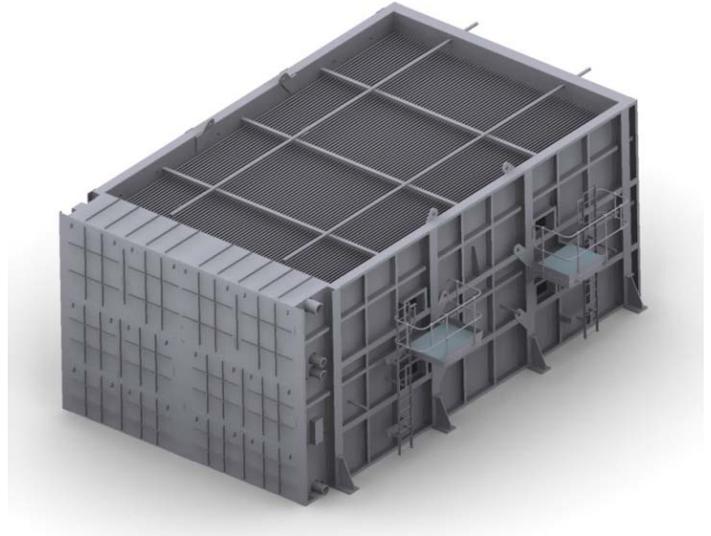


## Tailor made flue gas heat exchangers for all kind of fuels.

Economisers or Flue gas coolers from Ekströms Värmeteknika AB can be used not only for power boilers but also as heat recovery units for many industries to increase the efficiency of the overall process. Ekström's range of sizes covers from small hot water boilers to large power boilers.

Ekströms Värmeteknika AB provides the complete design of the heat exchangers with the thermal and mechanical calculations but can also manufacture according to customers design.

The choice of heat recovery surface and materials of construction are carefully selected to suit the fuel and the operating conditions. The selection may be plate fin, cast iron, spiral fin or plain tubes. The material is mainly carbon steel but can also be partly or complete in stainless steel.



An economiser with resistance welded rectangular fin tubes from Ekströms Värmeteknika AB is often the natural choice for solid fuel, oil fired boilers or industrial processes. It combines the flexibility in shape, geometry and materials in relation to fuel type, dust load and temperatures.

In line arrangement of tubes and fins gives easier maintenance and cleaning.

This kind of heat exchanger weight less and gives a more compact design compared with plain tubes, which also means reduced investment costs.





The Economisers can be delivered as complete units with casing and headers or as welded coils with supports typically on larger units that are assembled on site. If required the tube bundles can be sprayed with a preservative coating for corrosion protection during transport.



Ekströms Heat exchangers are manufactured in modern workshops in Alvesta, Sweden or in Dewsbury, UK with access to a lot of machinery such as tube bending and laser cutting machines.

All products are designed and manufactured in accordance with recognised international standards and CE-marked according to European pressure equipment directive, EU/PED 97/23/EC.

