



WASTE HEAT RECOVERY

INDUSTRIES



GLASS PRODUCTION



STEEL MAKING



CERAMICS



GAS TURBINES/
ENGINES



CEMENT

Waste heat "TYPE A" - hot exhaust gases

Many industrial processes still feature high exhaust gas temperatures, even after increasing the process efficiency to the greatest extent. Such waste heat potentials often are available at temperature levels above 250°C. Typical industries involve glass furnaces, steel plants, aluminum production, cement plants engine and gas turbines. Here our high temperature turbine based ORC-systems offer the perfect solution!

Increase your process efficiency!

Waste heat "TYPE B" - hot water

Often times cooling circuits for melting ovens or the process itself are present. These cooling circuits are typically run on temperature levels between 90°C and 100°C. Typical industries involve refineries, cupola furnaces, lime making and many others. Our low temperature, screw expander based, ORC-systems offer the perfect solution here!

Waste heat "TYPE C" - low pressure steam

When steam is needed for process heating or steam is produced during a production process, usually a lot of condensation heat is available. Typical industries involve refineries, chemical plants or paper mills! Our screw expander based low temperature ORC-systems offer the perfect solution to turn these potentials into CO₂ free electrical energy!

Waste heat "TYPE D" - thermal oil

When cooling is needed on higher temperature levels, thermal oil is typically the medium of choice. Many industrial processes need to cool filter systems on high temperature levels to prohibit acid forming or condensation of aggressive compounds. Typical industries involve combustion systems, chemical plants or the above mentioned industries that typically generate high temperature exhaust gases. For these industries our high temperature ORC-systems offer the perfect solution!

HEAT STREAMS