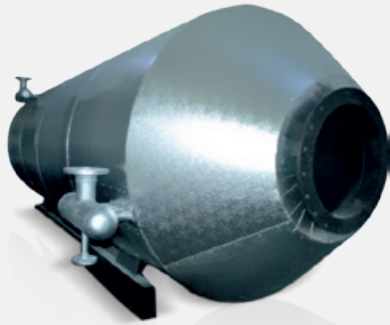


WASTE HEAT BOILERS

Smoke Tube Waste Heat Boilers



- * Generation of steam, superheated water and hot water at requested pressure for turbines, furnaces, gas and liquid fueled motor waste gases
- * Heat and electricity generation using the energy from high temperature waste flue gas
- * Project specific design solutions suitable for process data
- * Material selection and design solutions suitable for chemical and physical properties of the waste gas
- * Ability to monitor and interfere with all auxiliary functions with PLC based control systems
- * All necessary equipment required for the system such as economizer superheater and damper (Optional)
- * Type design options such as ground type, or over the chimney or vertical type depending on system layout
- * High Energy recovery with duct burner addition

WHB-ESB Smoke Tube Waste Heat Steam Boiler
WHB-HW Smoke Tube Waste Heat Hot Water Boiler
WHB-SHW Smoke Tube Waste Heat Superheated Water Boiler



	WHB-ESB	WHB-HW	WHB-SHW	V/WHB-HW	V/WHB-SHW	WHB-S	WHB-DB
Capacity	Selected depending on motor flow rate and Temperature			Selected depending on motor flow rate and Temperature		Selected depending on motor flow rate and Temperature Selected depending on turbine flow rate and Temperature	Selected depending on motor flow rate and Temperature
Design	Cylindrical			Prismatic		Prismatic	Cylindrical
	Horizontal			Vertical		Vertical (Economizer, Evaporator Superheater Units)	Horizontal
	Smoke Tube			Water Tube		Water Tube (Finned pipe, serrated pipe)	Spiral Coiled
Type	Without Burner			Without Burner		Without Burner	Without Burner
	Waste Gas Heat			Waste Gas Heat		Waste Gas Heat	Waste Gas Heat
Steam/Water	Steam	Hot Water	Superheated Water	Hot Water	Superheated Water	Steam /Superheated Steam	Superheated Oil
Control	Erensan PLC			Erensan PLC		Erensan PLC	Erensan PLC
	Erensan HMI			Erensan HMI		Erensan HMI	Erensan HMI