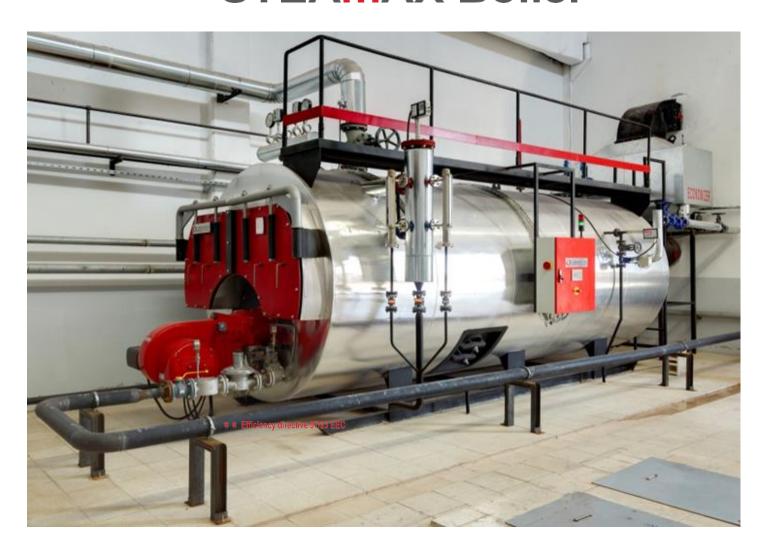
STEAMAX Boiler





























Steam Boiler Liquid & Gaseous Fuel Scotch Type

OBSK SERIES

- OBSK Series has an international Scotch Type design.
- Each Phase of manufacturing process; quality control is applied in accordance with the related directive 97/23 EEC, EN-12953.
- High quality steel for body and seamless special boiler tubes are used in manufacture.
- Wide Capacity range up to 24 ton/h steam.
- Wide design pressure ranges up to 20 bar.
- Large water volume and optimum thermal balance causes long-life usage.
- Perfect combustion with low NOx.
- The front door is coated with a special refractory material durable up to 1300 °C.
- Very effective and durable front door design for easy cleaning and with no leakage.
- Sight glass valve for flame control just on the explosion door.
- Low specific load rate supplies long-term economical usage and low fuel consumption.
- Because of low consumption of fuel, it is environmentally friendly.
- Checked by radiographic scanning.
- Hydraulic test is applied.
- The furnace is corrugated.
- Economizer and Superheater are optional.

STANDARD EQUIPMENTS FOR PACKAGE UNIT (Optional):

- Regulation and safety instruments (control collector, electronic level control device, limit pressure switch, safety probes, safety pressure switch, spring loaded safety valves)
- Pump group (Pumps, Strainers, Non-return valves, isolating valves)
- Water level indicator
- Pressure gauge
- Main Steam stop valve
- Blow down valves
- Air vent valve
- Control Panel
- Burner (liquid or gaseous or dual burner)

Technical Specifications																
Boiler Capacity	Kg/hr	500	1000	1500	2000	2500	3000	4000	5000	6000	7000	8000	10000	12000	14000	16000
Model		OSBK														
Dimensions																
Length	mm	2,900	3,550	3,900	4,200	4,450	4,420	5,480	5,800	6,100	6,500	6,700	7,400	7,920	8,370	8,870
Width	mm	1,400	1,600	1,700	1,900	1,900	2,120	2,250	2,450	2,450	2,700	2,700	2,900	2,900	3,250	3,250
Height	mm	1,700	1,900	2,000	2,250	2,250	2,550	2,650	2,850	2,850	3,150	3,150	3,300	3,300	3,650	3,650
Weight																
Shipping Weight	ton	3.9	4.50	4.94	9.2	9.75	12.8	17.05	20.45	22.7	26.4	27.95	36.7	40.25	48.85	59
Water Content	m³	1.4	2.4	2.85	3.9	4.05	5.6	8.05	10.15	10.4	12.7	13.45	18.7	19.55	24.85	25.5
Combustion Heating Load																
Natural Gas	kW	337	674	1,012	1,349	1,686	2,023	2,698	3,372	4,047	4,721	5,395	6,744	8,093	9,442	10,791
LPG	kW	337	674	1,012	1,349	1,686	2,023	2,698	3,372	4,047	4,721	5,395	6,744	8,093	9,442	10,791
Diesel	kW	337	674	1,012	1,349	1,686	2,023	2,698	3,372	4,047	4,721	5,395	6,744	8,093	9,442	10,791
Fuel Oil	кw	337	674	1,012	1,349	1,686	2,023	2,698	3,372	4,047	4,721	5,395	6,744	8,093	9,442	10,791
Fuel Consumption																
Natural Gas	Nm³/ hr	39	78	117	156	195	234	312	391	469	547	625	781	937	1094	1250
LPG	Nm³/ hr	29	59	88	117	146	176	234	293	352	410	469	586	703	820	937
Diesel	Kg/hr	32	63	95	126	158	190	253	316	379	442	505	632	758	885	1011
Fuel Oil	Kg/hr	35	70	105	140	175	210	280	350	420	490	560	700	841	981	1121
							ı	Efficiency								
Natural Gas	%	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
LPG	%	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Diesel	%	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Fuel Oil	%	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90