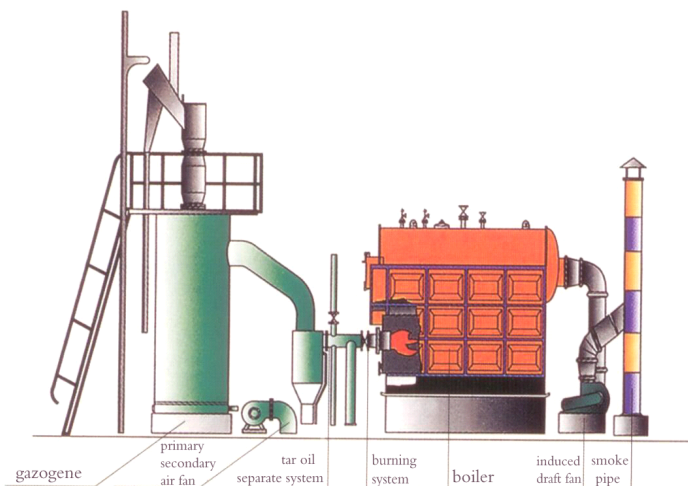


Coal gasification environmental steam/hot water boiler



the boiler

Reference Photos	Coal gasification environmental steam/hot water boiler technique parameter						
	Specification	Unit	Φ 900	Φ 1100	Φ 1400	Φ 1800	Φ 2300
	furnance diameter	mm	900	1100	1400	1800	2300
	furnance area	m ²	0.63	0.95	1.53	2.54	4.15
	fuel combustion	kg/h	98-130	150-195	289-382	500-650	813-1054
	coal gas yeild	m ³ /h	320-429	495-650	960-1260	1650-2150	2682-3500
	blast pressure	Kpa	≤3.0	≤3.0	≤3.0	≤3.0	≤3.0
	air-blower power	KW	2.2	2.2	2.2	4.0	5.0
	lifting motor power	KW	1.1	1.1	1.1	1.5	1.5
	calorific value of gas	kJ/m ³ (kxcal/m ³)	5200-6000 / (1240-1430)				
	gas outlet temperature	℃	400-500				
	gas outlet pressure	Kpa	≤1				
	blast saturation temperature	℃	50-70 (ajusted according to the Design Fuel)				
	gas outlet diameter	mm	400	400	400	400	550
	blast pipe diameter	mm	125	125	125	200	250
	matching boiler capacity	t/h	0.5	1	2	4	6

Description:

1. The boiler is environmentally friendly , runing without soot.
2. Low cost of cooperation, that is the very good replacement for the oil (gas) fired boiler.
3. Full-auto control system with manual control system , that two control way make the operation more simple and safe.
4. Gas leakage warning device. If there have gas leakage, the Sound and Light Signaling needed for the Operation.
5. Designed with the exclusive stokehole air preheater, that can be raising the furnace temperature quickly and be beneficial to gas burning and also rasing the efficiency of boilers.
6. The burning system with flame detector bar : if no flame be detected when ignitting , the gas supply will be cut off in order to preventing explosion.
7. Large enough explosion door for the boiler: if the deflagration happened, the boiler can keep on running through the decompression of explosion doo without being intrusive on user.
8. Boiler into DZS-type and SZS-type two kinds of structure.
9. Application of fuel: a variety of coal
10. Boiler capacity of 1-20T / H (0.7-14MW).

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