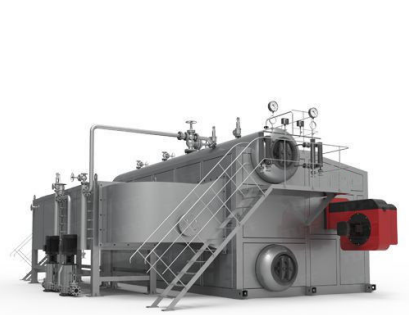
Chain Grate Coal Fired Industrial Hot Water Boiler Bilateral Ventilation Drainage

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: OEM
- Certification: CE Certification
- Model Number: OEM
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Carton, pallet, wooden case or according to customer's package requirements
- Delivery Time: 30 working days
- Payment Terms: 30% deposit + 70% T/T before shipping
- Supply Ability: 20 sets per month



Product Specification

- Product Name: Series 10.5MW 1.25MPa Heat Transfer In Boiler Coal Fired Hot Water Boiler
- International Certification: ISO CE
- Usage: Industrial, Power Station, Poultry, Storage Tank, Central Heating For Residential
- Keyword: Chain Grate Hot Water Boiler
- Material: Q345R Steel Plate
- Style: Horizontal
- Structure: Water Tube
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Highlight: **oil steam boiler**, **oil fired hot water furnace**

Product Discription

Series Double Drum Chain Grate Biomass Water Boiler

series biomass steam boilers are designed to operate vertically, with two boilers, a steam separation device for boilers, a sewage treatment device with a low pipeline and a cold wall tube on the side of IZQ. Fuselage and tail of oven: The light chain oven is automatically supplemented by fuel, followed by combustion chamber, convection tube, coal box or air superheater at the end of oven, matching fan, fan and fan. Fuel tank and a fecal shredder: Fuel falls on the chain stove. Gas enters the tail chimney through the stove, combustion chamber, distillation tube, provincial coal-fired turbine or air heater, and then into the scrubber, burner, burner and burner. Turbines and chimneys will eventually be released into the atmosphere.

Product Features

1. High -efficiency grid:
A laser grid uses bilateral ventilation and dust removal, which makes the front of the grid naturally ventilate, avoids air leakage, oil leak and uneven ventilation, and it's easy to work. Compared to the usual grid, it has obvious advantages.

2. Convenient dust removal:
The boiler can create multiple holes to clean the ash to remove the ash in a timely and effective manner, which avoids work problems, caused from the accumulation of ash and the reduction of heat efficiency, and ensures the stability of the boiler load.

3. High security:
The water supply is controlled by a computer and delivered automatically. Provided with water shortages, protection against overheating and other devices, safe and secure yarn.

4. Life and sustainability:
The professional design of the boiler, improved production equipment and strict quality control are a guarantee of the quality of each new boiler The service life of the normal boiler system exceeds 20 -years.

5. Environmental protection and low noise:
The original exhaust gas of the boiler is low and the tail of the boiler is equipped with an efficient dust collector and a low noise fan, so that the that the flue -gases comply with national environmental protection requirements.

6. Production specifications:
The boiler components shall be produced in accordance with national and international standards (ISO). the development of advanced manufacturing technology to ensure the reliable quality of the products.

Technical Parameters

Thermal Power	MW	1.4	2.8	4.2	5.6	7	10.5	14	17.5
Outlet Pressure	MPa	1.0	1.0	1.0	1.0	1.0	1.0/1.25/1.6	1.0/1.25/1.6	1.0/1.25/1.6
Outlet Temperature		95	95	95/115	95/115	95/115	95/115	95/115	95/130
Feed Water Temperature		70	70	70	70	70	70	70	70
Thermal Efficiency	/	≥83%							
Fuel	/	Biomass particles							
Fuel Consumption	Kg/h	348.6	685	938.8	1366.2	1694.6	2583	3410	4272
Heating area	m^2	81.26	165.26	233	351.2	391	547.6	826	1110
Grate area	m^2	2.8	6.04	8.64	11.71	13.64	15.33	19.16	26.3
Power consumption	Kw	25.3	34	62.4	76.2	87.2	138	206.5	218
water volume	m^3	3.59	6.67	8.33	8.42	12.7	13.9	15.6	18

Note: the fuel consumption in the table is calculated on the basis of the low calorific value of biomass particles 17084KJ/Kg (4085Kcal/Kg). If the low calorific value of biomass fuel is larger than this value, the corresponding fuel consumption will be more economical than the value in the table.

External and Interface Dimension of SZL Biomass Hot water boiler

Steam Capacity	t/h		1.4	2.8	4.2	5.6	7	10.5	14	17.5
Transport	L	mm	5600	7380	6900	7000	2800	8700	11900	10700

Dimension	W	mm	2500	2700	2660	3400	3020	3340	3200	3000
	H	mm	3500	3740	3500	3700	3500	3570	2360	4000
Maximum Transport Weight	/	t	24.5	31	30	32.5	34	35	35	36
Outlet Water Valve	DN	mm	100	125	150	200	200	250	2*200	2*200
Feed Water Valve	DN	mm	100	125	150	200	200	250	2*200	2*200
Safety Valve Diameter	DN	mm	1*50	2*40	2*50	2*50	2*50/80	100*80	2*100	2*100
Drain Valve Pipe Diameter	DN	mm	2*40/50	3*40	40/3*50	4*40	6*40	6*40	8*40	8*40
Chimney Diameter	φ	mm	350	410	530	720	750	950	1000	1200

Remarks: We will reserve rights to change the above mentioned data due to continuous policy transformation and product improvement.

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