Central Heating Coal Fired Water Heater , Automatic Coal Boiler For Residential

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: 14MW 1.25MPa New Boiler Coal Fired Hot Water Boiler
- International Certification: ISO CE
- Boiler Usage: Industrial, Power Station, Poultry, Storage Tank, Central Heating For Residential
- Keyword: Chain Grate Hot Water Boiler
- Material: Q345R Steel Plate
- Fuel: Coal-fired
- Thermal Efficiency: 90%
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Highlight: **oil fired hot water furnace**, **hot water wood boiler**

Product Discription

Double Drum Chain Grate Biomass Water Boiler

double drum series with biomass boiler, boiler main engine designed as a longitudinal double drum device, upper drum is a barn Drowned with a steam -water separator, the lower drum is equipped with a waste water discharge device during the specified period, and the left and right The side of the furnace is equipped with water -wall pipes. The light -chain grill automatically adds fuel and the rear part of the grill is an upright an opening chamber and a convection tube. the tail of the grill is an air conditioner or an air heater. The fan and the induced fan are distributed for mechanical ventilation and are equipped with an automatic grinder. the incinerator. The gas enters the exhaust through the furnace, the recovery chamber, the convection pipe, the air saver or heater, enters the dust collector, induces a fan, a chimney and finally released into the atmosphere.

Product Features

1. High efficiency seat:
The grate uses bilateral ventilation and drainage technology, which naturally ventilates the front of the grate, avoids air leakage, oil leakage and uneven ventilation and is easily controllable. Compared to normal growth, it has obvious advantages.

2. Comfortable dust removal:
The boiler may create several openings for the cleaning of the ash to remove the ash in a timely and effective manner, thereby avoiding operational problems caused by the accumulation of ash and by reducing the thermal efficiency and ensuring the stability of the boiler load.

3. High security:
The water supply is controlled by a computer and delivered automatically.Equipped with a lack of water, protection against excessive pressure and other devices, safe and reliable.

4. Life and life:
Boiler excellent design, advanced production equipment and strict quality controls guarantee the quality of each new boiler. The service life of a normal boiler body exceeds twenty years.

5. Environmental protection and low noise:
The initial exhaust emissions from the boiler are low and the tail of the boiler is equipped with an efficient dust collector and a low noise fan, so that the exhaust emissions meet national environmental requirements.

6. Production specifications:
Rolling stock components are manufactured in accordance with national and international standards (ISO).Each production step is carried out solely on the basis of advanced production technologies to ensure reliable product quality.

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 Dimension	L	mm	5600	7380	6900	7000	2800	8700	11900	10700
	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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