Power Station Coal Fired Industrial Hot Water Boiler 17.5MW 130 Double Drum Circuit

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: 17.5MW 130 Quality Controls Coal Fired Hot Water Boiler
- Application: Greenhouse/poultry Farm, Hot Water Supply, Hospital, Hotel
- Boiler Usage: Industrial, Power Station, Poultry, Storage Tank, Central Heating For Residential
- Color: Customer's Requirement
- Material: Steel Plate
- Pressure: 1.25MPa
- 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 circuit, two boilers, boiler chain, the main engine design of the boiler vertical two drums V. Install steam separator on top of pipe, install device during downpipe, left and right side of furnace, water-cooled pipe The combustible grate for automatic refueling and refueling is regenerated, convection tube, and the tail part of the grate is Hugo province. Fuel oil from electric heater, fan, mechanical ventilator and automatic slag remover with automatic slag remover enters the furnace with chain furnace. In the combustion chamber, smoke passes through the tail of the combustion chamber, receiver, convection, fuel saver or air heater, in the dust collector, blower, blower. The smoke pipe eventually enters the atmosphere.

Product Features

1. High -efficiency grid:
The boiler employs a two -sided ventilation and dust removal technology which naturally ventilates the front end of the grid, avoids air leakage, oil leakage and uneven ventilation, and i s easy to handle.

2. Removal of light ash:
The boiler can create several ash wells i n order to remove the ash i n a timely and effective manner, avoiding accumulation of ash and reducing thermal efficiency and ensuring the stability of the boiler load.

3. High security:
Water supply is controlled and provided automatically by a computer. Water scarcity, excessive protection and other means, safe and reliable.

4. Life and durability:
Technical design of boilers, advanced production equipment and strict quality control guarantee the quality of each new boiler. The boiler's life span exceeds twenty years.

5. Environment and low noise:
The initial flue -gas discharge of the boiler is low and the tail of the boiler is equipped with an efficient dust collector and a low -noise fan to ensure that the flue -gas discharge complies with national environmental requirements.

6. Production specifications:
Parts of boilers are manufactured in accordance with national and international standards (ISO).In order to ensure reliable product quality, all steps of production are carried out strictly in accordance with advanced manufacturing technology.

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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