Convection Tube Coal Fired Industrial Hot Water Boiler Environmental Protection Low Noise

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: SZL Series 4.2MW 1.0MPa Normal Pressure Coal Fired Hot Water Boiler
- Certification: ISO CE
- Return Water Temperature: 70
- Working Efficiency: 83%
- Dimension(l*w*h): 7*3.4*3.7m
- Style: Horizontal
- Output: Hot Water
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Highlight: **oil fired hot water furnace**, **hot water wood boiler**

Product Discription

Series Double Drum Chain Grate Biomass Water Boiler

The hot water boiler in the SZL series, the main engine of the boiler, is designed as a double drum longitudinal arrangement, the upper drum is equipped with steam -water separator, the lower drum is equipped with a sewage treatment plant during the set period and the left and re On the opposite side of the furnace are equipped with water wall pipes. The light chain pipe serves the automatic supply of fuel, and the rear of the grate is a tomb and a convection pipe. The back of the rust is an economic or air preheater. The fan and the induced wire fan are distributed for mechanical ventilation and an automatic slag cleaner is equipped. The fuel falls into the chain grate and enters the furnace for combustion. The exhaust gas enters through the furnace into the tailpipe, the enveloping chamber, the convection tube, the saver or the air preheater, enters the dust collector, induced blowers, chimney and finally enters the atmosphere.

Product Features

1. Rust with high efficiency:
The boiler grid has a dual -sided ventilation and dust removal technique that naturally ventilates the front end of the rust, avoids air leakage, oil bags and uneven ventilation and is easy to use. Compared to the usual rust, it has obvious advantages.

2. Easy ash removal:
The boiler can set up several sections of ash to remove the ash in a timely and effective manner, which avoids the problems caused by the ash removal and the reduction of thermal efficiency and ensures the stability of the boiler load.

3. High security:
The water supply is controlled by a computer and supplied automatically. Equipped with water scarcity, pressure protection and other devices, safe and reliable.

4. Duration and durability:
Boiler professional excellent design, advanced production facilities and strict quality control guarantee the quality of each new boiler. The life span of the normal boiler body exceeds 20 years.

5. Environmental protection and low noise pollution:
The original exhaust gas discharge of the boiler is low and the boiler is equipped with an efficient vacuum cleaner and a low -noise fan, so that the exhaust gas discharge meets national environmental protection requirements.

6. Technical data:
Boiler components are manufactured according to national and international standards (ISO). Each production step is carried out strictly according to advanced production 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 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.

VIKING Jinan Yinghua Outdoor Equipment Co., Ltd.

+8618812345678 Puooedr@maoyt.com newarrivals2025.com

Room 402.Dongbao Building,No.19 Dongbao Road,Chaoyang,Beijing 201613,China