Safe Reliable Coal Fired Hot Water Furnace Easy Operation With Steam Water Separator

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 7MW 1.0MPa Mechanical Ventilation Coal Fired Hot Water Boiler
- Certification: ISO CE
- Usage: Industrial, Power Station, Poultry, Storage Tank, Central Heating For Residential
- Keyword: Chain Grate Hot Water Boiler
- Dimension(l*w*h): 7*3.4*3.7m
- Style: Horizontal
- Structure: Water Tube
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Highlight: **oil steam boiler**, **hot water wood boiler**

Product Discription

Series Double Drum Chain Grate Biomass Water Boiler

The boiler main body is discharged from the double pan tube chain furnace of the SZL series, the boiler main body is arranged in the vertical direction of the double pan tube, and the boiler tube is equipped with the sider separator, the bottom pot sets the pollution prevention device, and the water cooling wall tube of the stove on the left and right sides . It adopts a light chain furnace and automatically puts the fuel in the recombustion chamber, convection tube after the furnace, the furnace tail is a coal stove or air preheater, and sends a blower, ventilator, and mix automatic dewatering machine. Fuel enters the chain of chains and burns in the furnace, and smoke passes through the furnace cylinder, the recombustion chamber, the convection tube, the coal stove or the air preheater to the tail flue and is finally discharged into the air through the dust collector, blower, and chimney.

Product Features

1. Blast Furnace Sector:
Boiler ventilation is dual. Dust treatment technology can make natural ventilation in front of the boiler, avoid air leakage, oil spillover and uneven ventilation, easy to operate, and has obvious advantages. More.

2. The highest security level:
Water is controlled by a micro-enterprise and provided automatically. With a system to prevent pressure and water shortage, safety is guaranteed.

3. Life and durability:
The special design, advanced production equipment and strict quality testing of boilers ensure the quality and normal service life of each new boiler for more than 20 years.

4. Under the ecological noise:
The initial emission level of the boiler is low, and the tail has efficient scrubbers and low noise fans, so its emission meets the national environmental requirements.

5. Manufacturing standards:
Boiler components are manufactured in accordance with national and international standards (ISO). Each stage of production is strictly in accordance with the advanced production technology, and ensure the reliability of 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.

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