



Fire Tube Biomass Fired Steam Boiler , Wood Pellet Steam Boiler Single Drum 2.8MW 95

Our Product Introduction

Basic Information

- Place of Origin: China (Mainland)
- Brand Name: Yuji
- Certification: ISO CE
- Model Number: Biomass Hot Water Boiler
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Wood packet
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5 sets per month



Product Specification

- Name: 2.8MW 95 DZL Series Industrial Biomass Fired Hot Water Boiler
- Outlet Water Diameter: 125mm
- Safety Valve Diameter: 2*40mm
- Return Water Diameter: 125mm
- Dimension: 6.88*2.7*3.3m
- Chimney Diameter: 410mm
- Weight: 27t
- Grate Area: 5.5
- Highlight: industrial biomass boiler, biomass fired boiler

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Product Description

Product Discription

Series Biomass Fired water Boiler

Number of kiln is 1600 mm. The side of the kiln housing is equipped with a water cooling wall and a radioactive water heating surface. Below 1600. Important. A process is introduced to a melting furnace.

Body structure, water -cooling wall panel 160, interior solution 160, 1600 *14, police 57 *3, 159 *6, 133 *6, 130, before and after police use, high degree of combustion.

Product Features

1. Easy installation:

Boilers are usually equipped with fast loading equipment to facilitate transportation and installation of equipment, thus greatly shortening the construction period and service life. User curiosity

2. Reliability of use:

Boilers are fully equipped with open water circulation.

3. Technical services:

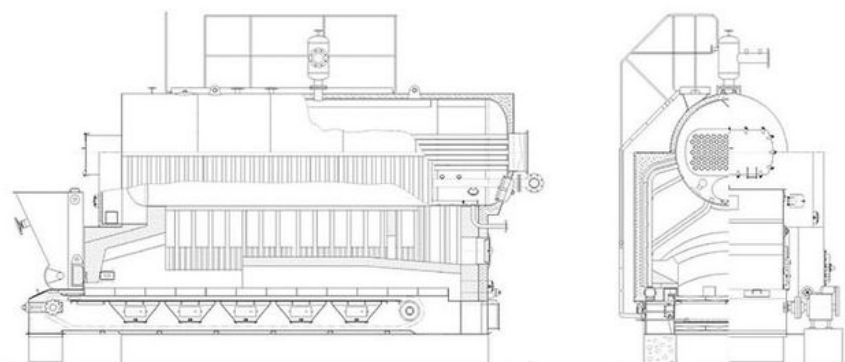
The drawer in front of the pot is easy to open and the staff can easily and clearly check, which is a good condition for correct handling.

4. low noise:

The boiler has low temperature gas, high efficiency scrubber, low noise tail fan and other performance, which meets the national environmental protection standards. Clear requirements.

5. Total combustion

Reasonable arrangement of furnace lining, smooth water circulation, timely cooling.



Technical Parameters

Main Technical Parameters of Series Biomass Hot Water Boiler

Thermal Power	MW	0.7	1.4	2.1	2.8	4.2	5.6	7
Outlet Pressure	MPa	1.0	1.0	1.0	1.0	1.0/1.25	1.0/1.25	1.0/1.25
Outlet Temperature		95	95	95	95	95/115	95/115	95/115
Feed Water Temperature		70	70	70	70	70	70	70
Thermal Efficiency	/	≥83%						
Fuel	/	Biomass particles						
Fuel Consumption	Kg/h	174.3	348.6	517	687.2	1024	1374.3	1708
Heating area	m ²	35.2	79.8	114.2	168	207.6	300.5	391
Grate area	m ²	1.97	3.2	4.8	5.5	7.04	11.7	13.6
Power consumption	Kw	18	26	31.5	34	62.4	76.4	87.2
water volume	m ³	5.1	5.58	6.95	9.3	14	17.8	20.5

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.

Thermal Power	MW	0.7	1.4	2.1	2.8	4.2	5.6	7
Transport Dimension	L mm	5100	6140	6330	6880	7290	7800	8500
	W mm	2200	2600	2700	2700	3190	3400	3400

	H	mm	2900	3300	3300	3300	3700	3700	3700
Mainframe Transport Weight	/	t	15	18	24	27	31	33	41
Outlet Water Valve	DN	mm	80	100	125	125	150	200	200
Feed Water Valve	DN	mm	80	100	125	125	150	200	200
Safety Valve Diameter	DN	mm	1*32	1*50	2*40	2*40	2*50	2*50	2*50/80
Drain Valve Pipe Diameter	DN	mm	3*40	3*40	3*40	3*40	3*40	3*40	3*40
Chimney Diameter	φ	mm	280	350	410	410	530	720	750

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



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