



Single Pot Biomass Steam Boiler Cold Water Wood Chip Boiler For Food Industry

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

- Name: 3t/h Wood Chip Burning DZL Series Biomass Fired Steam Boiler
- Pressure: 1.25/1
- Efficiency: 82%
- Certification: ISO CE
- Condition: New
- Working Pressure: 1.25/1.6Mpa
- Transport Dimension: 6.14*2.6*3.3
- Output: Steam
- Highlight: industrial biomass boiler, biomass fired boiler



Product Description

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Series Biomass Steam Boiler

The new series steam boiler is a single-pot cold water boiler with a combustion chain. The cold water walls on both sides of the boiler are radiated.

The bottom of the oven tube undergoes a new cross process, in which the two wings of the oven have a current receiving area (57 x 3) with a powdery smoke pipe on the pot tube. The boiler wall is made of CA-resistant cement. Lor and the outside of the boiler are three shells.

Product Features

1. Installation facilities:

Waller usually installs fast installation device, installs convenient equipment transportation and equipment installation, greatly shortens the construction cycle, and provides users with a comfortable environment.

2. Operation failed:

Boiler equipment is complete, water circulation, timely cooling.

3. Maintenance equipment:

The drawer in front of the boiler can be checked simply and clearly. These are good conditions for correct operation.

4. burning

The coating system is reasonable and the water circulation is flexible.

5. Living and Sustainability:

Refrigeration is an excellent and advanced production equipment with strict quality control. Every new boiler has quality assurance.

6. Bass level:

Boiler is characterized by meeting the requirements of national environment such as combustion chamber gas emission temperature, high performance scrubber, low noise air and so on.

Technical Parameters

Main Technical Parameters of Biomass Series Steam Boiler

Steam Capacity	t/h	1	2	3	4	6	8	10
Working Pressure	MPa	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6
Steam Temperature		193/204	193/204	193/204	193/204	193/204	193/204	193/204
Feed Water Temperature		20	20	20	20	20	20	60
Thermal Efficiency	/	≥82%						
Fuel	/	Biomass particles						
Fuel Consumption	Kg/h	176.6	352.3	571	522	1044	1396.5	1743.3
Heating area	m ²	39.82	86	120.2	174.32	220.6	317	409
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	4.5	4.68	5.9	6.3	11	13.8	16.5

Note: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 steam boiler

Steam Capacity	t/h	1	2	3	4	6	8	10
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
Main Steam Valve Pipe Diameter	DN	mm	65	80	100	100	125	150	150
Feed Water Valve	DN	mm	40	40	40	40	50	50	50
Safety Valve Diameter	DN	mm	2*40	2*50	2*50	2*50	50/80	2*80	2*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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