



High Efficiency Biomass Steam Boiler Hand Coal Fired Domestic Easy Operation

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: High Efficiency Hand Coal Fired Domestic New Biomass Steam Boiler
- Fuel: Biomass, Straw, Wood, Coal
- Efficiency: 82%
- Certification: ISO CE
- Condition: New
- Color: Customer's Requirement
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Type: Natural Circulation
- Highlight: **industrial biomass boiler, biomass log boiler**

Product Description

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Series Biomass Steam Boiler

series new steam boiler combustion chain single boiler hot and cold water boiler. Cold water walls emanated from both sides of the boiler.

The bottom of the oven tube is newly processed, the two wings of the oven have a power receiving area (57 x 3), and the powder tube has a chimney. The boiler wall is made of CA resistant cement. Knowledge point and the exterior of the boiler are three shells.

Product Features

1. Installation Facilities:

Heroic usually installs fast installation equipment, flexible equipment transport and equipment installation, which greatly reduces the construction cycle and provides a comfortable environment for customers.

2. Operation failed:

The boiler is completely filled with water and cooled in a timely manner.

3. Maintenance equipment:

The drawer in front of the boiler can be easily and clearly inspected. These are good conditions for proper operation.

4. Combustion

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

5. Life and sustainable development:

Cooling is excellent advanced production equipment with strict quality control. Every new boiler has quality assurance.

6. Bass Level:

The characteristics of the boiler must meet national environmental requirements such as combustion chamber gas discharge temperature, high-performance scrubbers and low-noise air.

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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