



4 Ton Capacity Biomass Steam Boiler Cost Effective High Safety Easy Installation

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: Series Three Dimensions Wood Pellet Burned Biomass Fired Steam Boiler
- Fuel: Biomass, Straw, Wood, Coal
- Steam Temperature: 171
- Feed Water Temperature: 20
- Thermal Efficiency: 92.4%--94.5%
- Usage: Industrial, Power Station, For Hospital, Industrial/Power Station
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Weight: 15-41t
- Highlight: biomass log boiler, biomass fired boiler



Product Description

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Series Biomass Fired Steam Boiler

The new swimmer is one cylinder drawn with a coating and a bridge. The visible wall on the left and right sides of the boiler has a clear fire balance.

The bottom part of the sewing gets a new technology: the two wings of the body heat the whole body, but the stainless steel heater (57 x 3) is in the mold. The fire extinguisher protects the object and has three sides on the outside.

Product Features

1. Easy to install:

Naturally, high-speed compressors are easy to move and install, which reduces construction time, saves installation costs, and allows for efficient delivery of fireplaces.

2. Trust entries:

This heating system is designed correctly, accurately, with a water retention system and a warm air system to ensure air safety.

3. Repair and Maintenance:

The drum is provided with the same material for analysis. It is advisable to open a smoke box in front of the stove, and staff can easily and efficiently monitor and create the appropriate medical conditions.

4. Disclaimer:

With a secondary air line and a stable car engine, this oil is heated to remove black smoke.

5. Golf:

The air is cleaned from any vacuum cleaner and secured to the surface to prevent water leakage, fuel pumping, air resistance, efficiency and efficiency beyond the benefits of simple air.

6. Dry straw:

In a fire, a high level of combustion can be created by burning, which can remove dust from the ground, prevent operational errors, reduce the amount of heat and ash, and increase the risk of burns.

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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